DR. SCHULZE® GMBH

DIAMOND SOLUTIONS







FROM PROFESSIONALS
FOR PROFESSIONALS



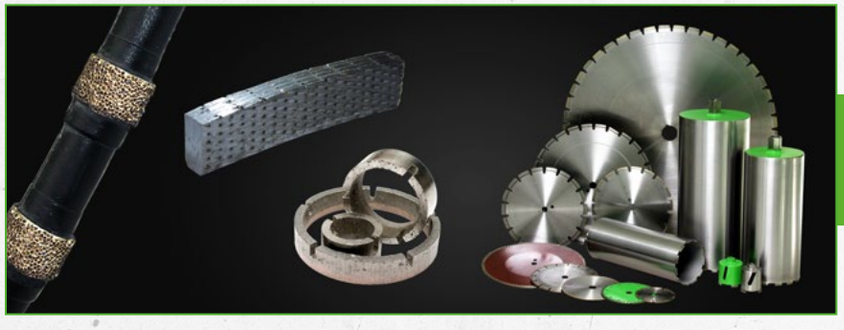
DIAMOND TOOLS AND MACHINES

DIAMANTWERKZEUGE UND MASCHINEN

2026-03

DR. SCHULZE GMBH
DIAMOND SOLUTIONS

The goods are delivered exclusively on the basis of the “General Terms and Conditions of Sale and Supply” and “General warranty terms” of Dr. Schulze GmbH in the currently valid version, which you can find on pages 8 – 11 or view on our website at any time.
No liability for printing errors.
Technical changes reserved.
With the release of a new price list, all previous versions lose their validity.



DIAMOND TOOLS FOR CONSTRUCTION INDUSTRY



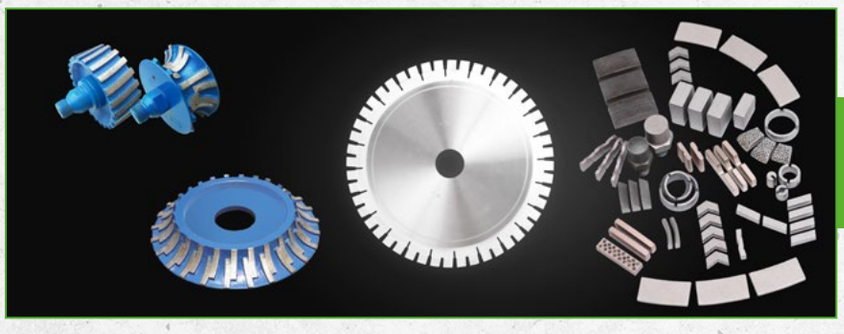
MACHINES FOR CONSTRUCTION INDUSTRY



DRS-FLOOR: FLOOR PROCESSING SOLUTIONS



DIAMOND TOOLS FOR BUILDING MATERIALS INDUSTRY



DIAMOND TOOLS FOR NATURAL STONE INDUSTRY

www.dr-schulze.de | www.drs-floor.com



INFORMATION 6
General Terms and Conditions of Sale and Supply
General warranty terms + Company's history



DRY CUTTING 13



CORE DRILLING 25
Dry drilling 4.0
PipeDrill PD500



JOINT CUTTERS 49



TABLE SAWS 61



WALL SAWS 73



WIRE SAWS 77



DRS-FLOOR FLOOR PROCESSING 85
Grinding machine DBS-1520-8H
Shot blasting



REFRACTORIES 119



PRESTRESSED CONCRETE 121


DR. CHULZE
















DR. CHULZE
DR. CHULZE





YOUR NOTES

THE HISTORY OF DR. SCHULZE GMBH



The company`s history of the Dr. Schulze GmbH started in 1981, as **Dr. Reiner Schulze**, later founder of the company, published scientific and practical investigations in the subject of cutting of hard minerals within the scope of his dissertation at the University of Hannover. As a result of his experience, extensive technical knowledge and his vision of a comprehensive, customer-oriented service in the field of diamond technology, he **founded the company Dr. Schulze in Wilnsdorf, North Rhine-Westphalia**. Since 1986, the company has been operating as a LTD (GmbH).
Thanks to its flexibility, expertise and the permanent adaptation of products to customer needs, the company rapidly grew from its small older manufacturing premises with only a few employees into a modern manufacturing company with three production facilities in cities of **Wilnsdorf, Luenebung and Gommern**, offering a complete range of diamond tools for the construction industry, building materials industry and for the processing of natural stone.

PRODUCTION OF DR. SCHULZE MACHINES



Beginning from 1994 the comprehensive diamond tool range was extended by the first machines from our own production, so that we could offer our customers a complete solution in diamond technology. Since that time our range of machines has been continuously expanded and improved.
Our mechanical engineering competence was strengthened once again in 2002 by **acquiring the Meissner Maschinenbau GmbH**, which was located near Cologne and had been well known as an expert manufacturer of high-quality machines for particularly demanding cutting and drilling applications since 1979.

DR. SCHULZE INTERNATIONAL



Simultaneously with the strengthening of our positions on the national German market and the enlarging of the manufacturing capacities, a permanent increase of our overseas business took place. The share of our **export sales** increased rapidly and has **now** reached **more than 60%,** which proves the worldwide acceptance of our products.
With **over 30 representations around the world**, our company is able to offer sales and services stations to our overseas customers near their place of operation.

NEW FACTORY AND LOGISTIC CENTER NEAR BERLIN



Due to the steady growth of the export share as well as the limited expansion possibilities at the existing locations, the decision to build a **new production site and logistics center** on a **20.000 m²** plot lying directly at the A2 motorway, about one hour drive from Berlin, was taken in 2009. The new production facility „Theessen", named after the nearest village, was completed in 2011 and started production of diamond tools in the same year. In order to keep the newest manufacturing level, almost all of the new plant's production equipment was purchased from the leading suppliers, including complete production lines for diamond wire and vacuum-brazed tools for special applications.
In order to consolidate our production capacities and to optimize logistics routes, the production sites of Gommern and Lueneburg were relocated to the new plant in Theessen and closed at the old locations in 2012 respectively 2017.

DRS-FLOOR – THE EFFICIENT FLOORING SOLUTIONS



Since 2013 the new plant also serves as the **DRS-FLOOR competence centre**, where our customers can get all the information about our range of machines and tools for floor processing. In addition to the extensive show room, large areas for testing and demonstration of machines and tools are available. Since 2014 our **special flooring seminars**, called **DRS-FLOOR CAMP**, are held at the factory in Theessen for our customers from all over the world.
To underline our expertise in the field of floor processing, we launched a dedicated Website in 2016: **WWW.DRS-FLOOR.COM**.

COMMITMENT TO PRODUCTION OF MACHINES IN EUROPE





In 2015 a new production site of the Dr. Schulze Group was established in the UNESCO City of Kromeriz, on the basis of a local factory, that has been producing construction equipment for the last 10 years. This new Dr. Schulze factory is exclusively **specialized in the production of machines for construction business**. Our extensive investments in plant technology (i.a. fully automatic welding robots, CNC metal processing machines, powder coating equipment etc.) currently enable our Czech factory to thoroughly develop, design, manufacture completely in-house from the first welded joint to the final assembling step and to distribute to our customers around the world the various machines for construction industry.
Due to the flexible and extensive vertical range of manufacturing, we are able to offer OEM versions and customer-specific solutions for all kind of construction equipment at any time. Our expertise and experience in diamond tooling help us design and produce user-friendly, safe and reliable machines.
In 2024 this production facility was relocated to the Czech town of Meziměstí.

YOUR SAFETY IS IMPORTANT FOR US!

As a renowned manufacturer of diamond tools and machines, Dr. Schulze GmbH is committed to safety for the whole industry. Thus Dr. Schulze GmbH was one of the initiators and founding members of **oSa** (Organization for the Safety of Abrasives) – a worldwide organisation for the safety of abrasive equipment.
Furthermore, the company is a member of **FEPA** (Federation of European Producers of Abrasives), **VDMA** (Verband Deutscher Maschinen- und Anlagenbau e.V. – German Association of Machinery and Industrial Equipment Manufacturers), **VDS** (Verband der Deutschen Schleifmittelwerke e.V. - German Abrasives Association), **FBS** (Fachverband Betonbohren und –Sägen Deutschland e.V. - German national association of contractors), **IACDS** (International Association of Concrete Drillers & Sawers) and an active participant in many workgroups, which are concerned with questions of safety.
This commitment allows us at all times to remain completely up to date in terms of standards, quality assurance, and innovations, so that we can offer our customers products which are not only of top quality, but which are above all safe.

40 YEARS OF DR. SCHULZE



Thanks to our experience, proximity to our customers and superior flexibility, Dr. Schulze GmbH **celebrated its 40th anniversary in 2024 as one of the leading European manufacturers of diamond tools** and machines for construction, building material industry and natural stone processing with a team of more than 100, with 4 own production plants (three in Germany, one in Czech Republic), with a worldwide network of representations and with an image of a professional partner for all questions related to the diamond technology.

for use with natural persons or legal entities acting in the course of their commercial or independent work when entering into this contract, or with a legal entity established under public law or a public-law special fund (hereinafter known as Customer).

1. BASES OF THE CONTRACT

1.1 All our goods and services, including consultancy services are rendered by us solely on the basis of these General Terms and Conditions of Sale and Supply. If the Customer has terms and conditions of business which differ from our own, they shall only apply if we have expressly recognised them in writing. They shall not apply even if we have not objected to them in a given instance.

1.2 Our terms and conditions of sale and supply shall also apply for future contracts with the Customer if he has not expressly objected to them.

2. OFFER / CONCLUDING A CONTRACT

2.1 Our offers shall remain subject to change without notice. Our offers shall only be binding in those cases in which we have made them without reservations and submitted them in writing. Orders amending or supplementing binding offers as well as offers placed with us without us having submitted an offer shall be subject to written confirmation.

2.2 The quality of the goods is based exclusively on the agreed technical delivery specifications or, if such are not agreed, on the customary quality and design, considering the production-related customary tolerances. The point in time, at which the risk passes, is decisive for the contractual condition of the goods. Reference to DIN or EN standards, as well as our reference to material sheets, factory tests, technical delivery specifications, etc. do not represent a guarantee of quality. Dimensions, weights, illustrations and drawings as well as the information and illustrations contained in brochures, catalogues and our websites are only binding, if this has been expressly agreed in writing.
Public statements by us, our employees or any manufacturers and their employees about the quality of the goods can only justify material defect rights, if they have been expressly made part of a quality agreement.

2.3 We shall reserve the right to carry out amendments to the design / form or materials at any time, provided that the goods are not modified to a considerable extent and their suitability for the use assumed in the contract or normal use is not impaired and the Customer can be expected to accept the modification as being reasonable. We shall not however be obliged as a result thereof to carry out such modifications to products already supplied.

2.4 Our price lists shall be subject to change without notice and non-binding. Mistakes, printing and pricing errors shall be excepted.

2.5 If we have to supply in accordance with the specifications, guidelines specimens etc. supplied by our Customer, he shall bear the risk of the goods supplied being suitable for the intended use. The point in time, at which is passed over, shall be crucial for determining whether the goods are in a condition compatible with the contract. Given this, we shall only be liable for the processing being carried out in a professional manner.

2.6 By placing an order the Customer is making a binding statement that he intends to purchase the goods ordered. We shall be entitled to accept the offer to enter into a contract inherent in the order within two weeks from receipt of the order by us. We may declare acceptance of the offer either in writing or by delivering the goods to the Customer.

2.7 If the Customer refuses to accept the goods – even after a reasonable supplementary period of time he has been set to do so has elapsed – justly or has expressly stated beforehand that he did not intend to accept the goods, we may withdraw from the contract and demand compensation for damages on account of non-fulfilment. Irrespective of the opportunity to prove that the losses actually suffered were higher, and to claim such higher losses, we shall in this case be entitled to demand that the Customer pays 20 % of the net value of the goods plus all the freight charges actually incurred by us as compensation for damages. The Customer shall reserve the right to prove that the losses suffered by us were lower than the lump sum claimed in damages or that we have not suffered any damages or that the damages suffered by us are significantly lower than the lump sum claimed by us for damages.
This regulation shall apply accordingly insofar as the Customer withdraws from the contract without justification.

2.8 Provided that the Customer places an order electronically, the text of the contract shall be saved by us and sent to the Customer by e-mail upon request.

3. PRICES

3.1 The prices shall be quoted ex works plus the rate of VAT in force at that time, but will not, however, include packing, freight, insurance and customs' duty. The sales tax will be calculated by us at the rate applicable on the day of performance.

3.2 We shall not increase our prices provided that the items upon which the agreement has been based are not modified and may be rendered without hindrances for which the Customer is responsible. Subsequent additions and modifications leading to an increase in time taken by us or additional expense for materials etc. shall also have to be paid by the Customer in addition to the price already agreed.

4. PAYMENTS / DEFAULT IN PAYMENT

4.1 The amount invoiced shall be payable immediately. Discounts will not be granted for prompt payment.

4.2 Periods of time agreed for payment shall only have been observed if we are able to dispose of the amount to be paid by the date on which payment is due.

4.3 Drafts and cheques shall only be accepted by us by special arrangement as a conditional payment. Charges or other costs arising with the submission of a cheque or draft shall be for the Customer's account.

4.4 In the event that there is a default in payment, we shall be entitled to charge default interest amounting to 9 % above the base rate at that time (Section 288 of the German Civil Code [BGB]). We shall reserve the right to prove that the loss suffered by us as a result of the default is higher and to claim this higher loss. In particular we shall reserve the right to also claim those costs we incur if after payment is in default we have to call in third parties to protect our rights.

4.5 If there is a significant deterioration in the financial status of the Customer, we shall be entitled to only supply our goods and services if payment is made in advance or on delivery or make them dependent upon a security being furnished. Accounts receivable we have for services already rendered shall in this case be payable immediately. This shall apply in particular if payments subsequently due after there is a default in payment are not paid despite a reasonable period of time having elapsed or if an application is made for insolvency proceedings to be opened. If the Customer fails to fulfill our request to furnish a security within a reasonable period of time defined by us, we shall be entitled to withdraw from the contract.

4.6 Prices may be amended if more than 4 months elapse between the contract being signed and an agreed delivery date (even if part deliveries are made and down payments are made). If there is an increase in wages, the cost of materials changes thereafter prior to the consignment being manufactured, we shall consequently be entitled to amend the price accordingly to reflect the increases in costs. The Customer shall only be entitled to withdraw from the contract if the price increase exceeds the increase in the general cost of living between the date on which the order was placed and delivery by a significant amount.

4.7 If the Customer is a registered trader, a legal entity under public law or a public law special fund, price changes are allowed in accordance with the above regulation, if more than six weeks elapse between the contract being entered into and the agreed delivery date.

5. OFFSETTING / RIGHT TO WITHHOLD PERFORMANCE / ASSIGNMENT

5.1 The Customer may only exercise a right to withhold performance if his counter-claim is based upon the same contractual relationship.

5.2 The Customer shall only have a right to offset if his counter-claims have been adjudicated or have been recognised by us.

5.3 Claims against us may only be assigned by the Customer to third parties and he may only allow third parties to collect them with our prior written consent, unless they are accounts which are not contested, ready for judgment or have been adjudicated.

6. DELIVERY PERIOD / PERFORMANCE PERIOD

6.1 The delivery period quoted by us shall only be binding if it is expressly designated as being such and confirmed by us in writing. It shall begin when the order confirmation is sent out by us but not, however, before any documents, licences, clearances which may have to be obtained by the Customer have been supplied to us together with any down payment agreed.
If subsequent technical ambiguities or defects should arise in the Customer's order documents or drawings, or if amendments are agreed subsequently, the delivery period shall start all over again after they have been clarified / rectified.

6.2 Part-deliveries are allowed within the delivery periods quoted by us provided that no disadvantages accrue to the Customer with regard to their use.

6.3 A contract shall be entered into subject to the reservation that we have been supplied with the correct goods and on time by our supplier. This shall only apply in the event that our failure to supply our Customer is not attributable to us, in particular if we have entered into a congruent covering transaction with our supplier.

6.4 Periods and deadlines shall have been observed by us if the delivery consignment has left our works before the period or deadline has expired or if we have notified the Customer that the consignment is ready for collection / dispatch. If acceptance has been agreed or provided for by law, delivery and performance periods shall refer to the point in time of acceptance.

6.5 If non-compliance of delivery and performance periods attributable to the occurrence of unforeseen hindrances, which are beyond our control, and for which we are not responsible, these periods shall be extended as appropriate by at least the duration of the hindrance or disruption. This shall apply in instances of force majeure as well as for strikes, lock-outs, official instructions even if such circumstances affect our suppliers and sub-contractors, provided that they have a considerable impact upon the goods and services to be rendered by us being carried out. If the disruptions last longer than eight uninterrupted weeks, each Party to the contract shall be entitled to withdraw from part of or all of the contract.

6.6 If we nevertheless find ourselves in default, the Customer shall have to grant us a reasonable subsequent period of time. As long as this subsequent period of time does not lapse unsuccessfully or was dispensable for other reasons provided for by law, the Customer may not procure the goods or services elsewhere and he may not withdraw from the contract.

6.7 If the shipment is delayed at the request of the customer or for reasons for which the customer is responsible, the customer will be charged the costs incurred through storage and financing at least 0.5% of the invoice amount for each month, starting

one month after notification of readiness. The assertion of further rights from delay remains unaffected. The customer reserves the right to prove lower damage / lower costs.

7. PACKING / DISPATCH / PASSING OF RISK

7.1 Packing shall become the Customer's property and will be invoiced by us. Postage and packing charges will be invoiced separately. The method of dispatch shall be selected at our equitable discretion. Insurance policies against damage in transit shall only be taken out at the Customer's request and expense.

7.2 Directly prior to delivering our goods we shall announce the delivery day. We cannot furnish any guarantee for the time at which a consignment will be delivered.

7.3 Provided that no other written agreement is made, the terms of delivery shall be EXW (Incoterms 2010). This shall also apply for consignments for which delivery has been prepaid. If goods are damaged in transit, the Customer shall have to inform the haulier / freight forwarder straight away following receipt of the goods without culpable delay and notify us. Subsequent complaints and reports of transport damage are generally not accepted.
The risk of accidental loss and accidental deterioration of the goods is transferred to the customer when the goods are handed over to the parcel service/forwarding agent/carrier or the person or institution otherwise responsible for carrying out the shipment.

7.4 If the Customer is in default with taking delivery of the goods this shall nevertheless still constitute hand-over.

8. CONSIGNMENT STORE

8.1 In the event that we deliver the goods to be supplied to the Customer to a consignment store, we shall grant the Customer the right to withdraw the goods. The precondition for this is that the Customer provides a room meeting the requirements for storing the goods for the duration of the consignment in which the goods may be properly and professionally stored free of charge. The Customer shall undertake to mark the consignment goods supplied as such and as our property.

8.2 The consignment store stocks are to be insured by the Customer so that an adequate level of insurance cover is taken out for them against fire, water damage plus break-ins and theft.

8.3 After an appointment has been agreed in advance the Customer shall grant us access during his normal hours of business to the storage area in which the consignment goods are stored. Moreover, he shall undertake to carry out a stock-take at least once a year upon request and forward us the result in writing straight away. The Customer shall bear the costs of the stock-take.

8.4 The consignment goods shall remain our property. The Customer shall provide us with a list of goods withdrawn from the consignment store when making withdrawals on a date still to be stipulated (Consumption report). This consumption report shall serve as the basis for the invoice then to be raised by us, dated on the day that we receive the consumption report.

8.5 Provided that no regulation is agreed otherwise, each Party to the contract shall be entitled to terminate the consignment store agreement by observing a notice period of three calendar months to the end of a calendar quarter.

8.6 At the end of the term of the contract the Customer shall return the goods still in the consignment store to the supplier. The transport costs incurred when closing down the consignment store shall be borne by the Customer.

9. COPYRIGHTS

We shall reserve the exclusive title and copyright to all diagrams, drawings, calculations, specimens or other documents handed over by us. This shall also apply for documents forwarded in electronic format. Such items may only be passed on to third parties with our prior express written consent.

10. NOTIFICATION OF DEFECTS / PERIOD OF LIMITATION

10.1 The Customer shall have to inspect goods supplied by us straight away following delivery as part of his normal course of business and notify us in writing straight away after delivery in writing of any defects identified. We expressly point out that any transport damage there may be must be notified to the freight forwarder concerned straight away after it has been identified when the goods have been received. Non-compliance with this requirement will result in any liability claims the Customer may have against our firm being inadmissible.
We are to be allowed an opportunity to rectify the notified defects. Upon request, goods about which a complaint has been made are to be returned to us straight away. If the Customer fails to fulfil this obligation or modifies the goods about which he has already lodged a complaint without our consent, he shall forfeit any claims to which he may be entitled for quality defects.

10.2 If a notified defect is justified, we shall render a cure as we choose, either by supplying a replacement or by carrying out a repair or manufacturing a new thing. The Customer shall have to allow us a reasonable period of time for a cure provided that this is not dispensable for legal reasons. If we fail to effect a cure within a reasonable period of time or if it is unsuccessful, the Customer shall be entitled to demand a reduction in the remuneration to be paid to us or if our breach of duty is not simply minor, he shall be entitled to withdraw from the contract. If only parts of the delivery are defective, the Customer's other rights shall only apply to the defective part of the delivery unless the defective part of the delivery is of no interest to him.
For quality defects arising as a result of unsuitable or improper use, faulty assembly or start-up by the Customer or third party, normal wear and tear, incorrect or negligent handling, we shall not be responsible in the same way that we would not be responsible for the consequences of unprofessional modifications or modifications or repair work carried out by the Customer of third parties without our consent. The same shall apply for defects only reducing the value or fitness of the goods for use to a minor extent.

10.3 Increased expenditure resulting from the costs of transport, labour and materials incurred as a result of rendering a cure shall not be paid by us provided that the reason for them is that the goods supplied have been moved to a location other than the place of fulfilment, unless they have been moved for their intended use.

10.4 No further claims asserted by the Customer on account of defects will be recognised and can only qualify for compensation within the scope of liability in accordance with Number 11. The Customer shall not receive any guarantees from us. Any manufacturer product warranties shall not be affected by this.

10.5 The period of limitation for claims based on quality defects shall be twelve months, unless the law prescribes longer periods in accordance with Section 438 Para. 1 No 2 BGB (Delivery of things for construction purposes), Section 479 Para 1 BGB (Right of recourse when purchasing consumer goods) and Section 634 a Para 1 No 2 BGB (Construction defects). The statutory period of limitation shall also apply for cases of death, personal injury of physical harm, for an intentional breach of duty or breach of duty caused as a result of gross negligence and malicious non-disclosure of defects.

10.6 We only assume liability for defects of used goods, if this has been expressly agreed in writing with the commercial customer, unless there is fraudulent misrepresentation or the absence of a guaranteed property. This limitation of liability does not apply to damage resulting from injury to life, limb or health.

11. LIABILITY

11.1. If the item supplied cannot be used by the Customer in accordance with the contract as a result of a breach of contractual ancillary duties culpably caused by us, such as for example, failure to pass on, or passing on incorrect, advice, information, suggestions etc. either prior to or after the contract was signed, we shall, with the exclusion of further claims, consequently be liable only in accordance with the regulations in Number 10 and as follows:

11.2. We shall only be liable for damages not incurred on the item supplied itself – regardless of whatever reasons upon which such claims are based – in the event of intent, gross negligence on the part of the owner / executive bodies or senior staff of Dr. Schulze GmbH, or in the event of death, personal injury or physical harm, and for defects which we have maliciously concealed if we have promised a guarantee, as well as for defects on the item supplied provided that we can be held liable under the German Product Liability Act for personal injury of property damage to privately used items.

11.3. If there is a culpable breach of important contractual duties, i.e. contractual duties the fulfilment of which makes the proper execution of the contract possible at all in the first place, and upon compliance with which the Customer normally relies or may rely, we shall only be liable even in the event of gross negligence on the part of non-senior staff and in the event of ordinary negligence, limited in the latter case to those damages typical for the contract which we foresee or should have been able to foresee on the basis of the circumstances and facts to which we had access when we signed the contract.

11.4. No further claims of the Customer shall be recognised.

11.5. Our liability for indirect damages, consequential damages such as, for example, downtime, lost profit, production shortfall, shall not be recognised.

11.6. This limitation of liability shall however not apply in those cases in Number 2 above if there is a culpable breach of important contractual duties.

The exclusion of liability and /or limitation of liability in accordance with the above regulations shall also apply for the personal liability of our employees and assistants.

12. RESERVATIONS OF TITLE

12.1 We shall reserve the title to the goods until all our accounts in a continual business relationship have been settled in full, regardless of the legal reason on which they materialised. In a current account arrangement the reservation of title shall apply as a security for our respective balance of account. This shall also apply if payments made by the Customer are paid towards specific accounts.

The Customer shall be obliged to handle the goods with care. Provided that maintenance and inspection work is necessary, the Customer shall have to carry this out on a regular basis at his own expense.

12.2 Processing or transformation of the goods subject to reservation of title shall always be carried out for us as the manufacturer, without any obligation accruing to us herefrom. If the goods subject to reservation of title are processed or transformed together with other goods not supplied by us, we shall be entitled to co-ownership of the new thing in proportion to the value of the goods subject to reservation of title to the value of the other processed or transformed goods at the point in time of processing or transformation.
In the event that our title to the goods subject to reservation of title expires as a result of them being combined or mixed with other goods not supplied by us, the Customer shall hereby transfer to us here and now his (co)-ownership rights to the new thing or to the mixed stock for the invoiced value of the goods subject to reservation of title and keep this in safekeeping for us. The new thing created as a result of processing, transformation, combining or mixing (hereinafter known as „new thing") and the (co)-ownership rights of the new thing to be transferred to us in accordance with No 2 of this number shall likewise serve as a security for our account as the goods subject to reservation of title themselves in accordance with Number 1. Provided that there is nothing stated otherwise in the following provision of this number, it shall apply to the new thing accordingly.

12.3 The Customer may only sell the goods subject to reservation of title in a proper commercial transaction at normal terms and conditions of business and only as long as he fulfils his payment obligations to us on time. For his part, the Customer is obliged to only sell on the goods subject to our reservation of title and subject to his reservation of title as well and to ensure that the account created by such sales transactions can be transferred to us.

12.4 The Customer's account created by the resale of the goods subject to a reservation of title is assigned to us here and now. We accept the assignment. The account shall serve as a security to the same extent as the goods subject to reservation of title. If the Customer sells the goods subject to reservation of title together with other goods not supplied by us, the assignment of the account shall consequently only apply for the amount invoiced for the resale of the goods subject to reservation of title. If the goods are sold in accordance with Number 2, or the statutory regulations on combining and mixing the thing to which we have co-ownership, the assignment of the account shall apply for the amount of our co-ownership share.

12.5 If the Customer enters accounts created by the resale of the goods subject to reservation of title into a current account arrangement existing with his buyers, he shall consequently assign to us a recognised balance of account produced in his favour here and now for the amount equal to the total amount of the claim entered in the current account arrangement for the resale of our goods subject to reservation of title.
Given this, the above sub-section shall apply accordingly.

12.6 The Customer is authorised to collect the account from the resale of the goods subject to reservation of title assigned to us. The Customer is not allowed to assign the account created by the resale, even as part of a true factoring contract.

12.7 We may revoke the Customer's collection authorisation at any time if he is in default with, or stops making, his payments to us, his business is passed over to a third party, if the credit rating or level of trust in the Customer's business drops or if his business is wound up as well as in instances in which the Customer is in breach of his contractual obligations in accordance with Number 3 of this section. In this event the Customer shall be obliged to inform his buyers of accounts that have been assigned by him to us straight away and to hand over to us all the information and documents necessary for us to collect the accounts. Besides which, he shall in this case be obliged to hand over or transfer to us any securities to which he may be entitled for his accounts.

12.8 If the marketable value of the securities existing for us should exceed our secured accounts by more than 10%, we shall consequently, at the Customer's request, given this, be obliged to release securities at our choice.

12.9 The Customer shall be obliged to inform us straight away if a levy of execution or other actual impairment of the goods subject to reservation of title has taken place or if such goods or the other securities existing for us are in jeopardy.
The Customer shall undertake to take out adequate insurance cover against fire and theft for the goods subject to reservation of title. He shall assign his claims under the insurance policies to us right here and now.

12.10 If the Customer's conduct is in breach of contract, in particular if he is in default with payment or if he is in breach of a duty under this paragraph, we shall be entitled to withdraw from the contract and to demand that the goods subject to reservation of title are handed over to us. In this case the Customer shall declare his consent here and now that he will allow us to take away or to have taken away the goods subject to reservation of title in his possession and – provided that we are the sole owner – the new thing within the meaning of Number 2 of this paragraph. The Customer shall have to grant us or persons granted by us access at any time to carry out the above measures as well as to conduct a general inspection of the goods subject to reservation of title and / or the new thing.

13. PRIVACY CLAUSE

13.1 The customers agree, that we may store and use their contact information, including names, telephone numbers and email addresses. Such information can be processed and used within the framework of the existing business relationship. Furthermore, it may be necessary to pass on the e-mail address and the first and last name as well as the company name in order to be able to create a user account at all.

13.2 The contracting parties will treat essential and not generally known matters of the other contracting party with the care customary in business life. Any further protection of particularly confidential information and the associated determination of requirements require the conclusion of a separate written agreement (non-disclosure agreement).

13.3 We store personal data solely for the purpose of fulfilling the contract and providing our services. This data includes, among other things: company name, first and last name, billing address, e-mail address, name of the company, telephone number and contract-relevant conversation notes as well as information on the items and services requested, ordered and delivered from us.

13.4 This data is required in order, among other things, to issue you with invoices and to set up a customer account or to be able to identify you as an authorized user of the services provided. We also use this data to be able to make you offers of our products and services, as well as for advice, initial contact and when drawing up contracts, that regulate our cooperation.

13.5 We will only use the personal data for purposes other than those listed above to the extent required by Art. 6 GDPR.

13.6 At your request and upon termination of a contractual relationship, we will delete this data from our systems. For the purpose of the obligation to retain invoices, invoice data is stored for a period of 10 years - this is defined by the statutory retention period for receipts.

13.7 Upon request, you will also receive proof of the deletion of your personal data from us.

13.8 According to the new European directives (EU GDPR) on data protection, you have the right to receive your personal data in the form of a data set. We provide you with the data we have stored in the form of a PDF document.

14. NO-RUSSIA-CLAUSE

14.1 The Customer is not permitted to sell, export or re-export the goods supplied by us which fall within the scope of Article 12g of the European Council Regulation (EU) No 833/2014, directly or indirectly, to the Russian Federation and/or Belarus or to use them in the Russian Federation and/or Belarus.

14.2 The Customer shall use its best endeavours to ensure that the purpose of paragraph (1) is not frustrated by third parties further down the distribution chain, including any resellers.

14.3 The Customer shall establish and maintain an appropriate monitoring mechanism to detect any conduct by third parties further down the distribution chain, including any resellers, which would frustrate the purpose of paragraph (1).

14.4 Any breach of paragraphs (1), (2) or (3) shall constitute a material breach of a central part of our legal business and shall entitle us to use appropriate legal remedies.

14.5 The Customer is obliged to inform us immediately of any problems in the application of paragraphs (1), (2) or (3), including any relevant activities of third parties that could frustrate the purpose of paragraph (1).

14.6 The customer fully indemnifies us against all claims asserted by authorities or other third parties due to the customer's failure to comply with the above export control obligations and undertakes to compensate us for all damages and expenses incurred by us in this connection.

15. PLACE OF FULFILMENT / PLACE OF JURISDICTION / APPLICABLE LAW

15.1 The law of the Federal Republic of Germany shall apply.
The provisions of the UN CISG shall not apply. The exclusive place of jurisdiction for all disputes arising from the contractual relationship shall be 57072 Siegen if the Customer is a registered trader or legal entity under public law or a public-law special fund. We shall also be entitled to sue the Customer at the courts having jurisdiction where his principal place of business is located. This shall also apply if the Customer does not have any general place of jurisdiction in Germany or his place of residence or normal whereabouts at the point in time at which legal action is taken are unknown.

15.2 The place of fulfilment is 57234 Wilnsdorf.

15.3 Should individual provisions of the contract with the Customer including these General Terms and Conditions of Business, be or become partially or completely invalid, the validity of the remaining provisions shall not be affected as a result. The regulation partially or completely invalid is to be replaced with a regulation whose economic success comes as close as possible to that of the invalid regulation. The transfer of the Customer's rights and duties under the contract entered into with us shall be subject to our written consent to be valid.

Dr. Schulze GmbH
Bollenberg 10 / 57234 Wilnsdorf / GERMANY
Telefon: +49 2737 5953-0
Dr.-Ing. Reiner Schulze / Dr.-Ing. Alexey Levin / Jana Pankratz
Trial court Siegen HRB2959
VAT-ID Nr.: DE811364054

57234 Wilnsdorf, February 2025

GENERAL WARRANTY TERMS OF DR. SCHULZE GMBH

In addition to the statutory guarantee, that our customers are entitled to from the purchase contract and regardless of mandatory statutory liability regulations (e.g. product safety and product liability laws), we grant the buyer a manufacturer's warranty for the products purchased from us under the following conditions:

1. PERIOD

In accordance with these conditions, we assume a manufacturer's warranty for a period of 12 (twelve) months. The warranty begins on the date of purchase of the product from Dr. Schulze GmbH and includes free rectification of material and manufacturing defects, that can be proven to have arisen before the sale.

2. WARRANTY CONDITIONS

The warranty is limited to the free replacement of parts (excluding wearing parts), that we or authorized service center of Dr. Schulze GmbH has recognized as defective due to material or production errors.

This warranty does not cover normal wear and tear, overloading, non-compliance with the instructions of the operation manuals, tampering by unauthorized persons or the use of spare parts not approved by the manufacturer. In addition, wearing parts such as shaft seals, carbon brushes, ball bearings, overload clutches, belts, water pumps, switches with integrated protective functions (e.g. thermal protection switch) etc. are not subject to any warranty.

The operating manuals supplied with the machine and in particular the safety instructions contained therein must be observed. Damage due to operating errors cannot be recognized as a warranty case. Failure to comply with the intended use described in the operating manuals, improper use or the use of unsuitable accessories will void the warranty.

In particular, the warranty is not granted for damage or failures caused by the following unauthorized actions:

- non-compliance with the maintenance and service intervals prescribed by the manufacturer in accordance with the provisions of the operating manuals;
- opening of components and other unauthorized interventions by unauthorized persons;
- improper use, transportation, handling or maintenance;
- use of non-approved by Dr. Schulze GmbH fuels or lubricants, insofar as the damage or failure is attributable to them;
- use of non-original parts or accessories;
- repairs by unauthorized service centers;
- use of consumables (including diamond tools) with specifications not approved by the manufacturer.

Liability for indirect damage/consequential damage, such as disturbed projects, loss of profit, etc., is excluded within the scope of this warranty. Likewise, we are not liable within the scope of this warranty for damage that did not occur directly on the delivery item.

In the case, that the inspection of the reported defect determines, that there is no defect covered by this warranty or the statutory warranty, the applicant shall bear the entire cost of the inspection and any other costs incurred by us (including but not limited to transport and packaging costs).

If spare parts are made available by us directly or by our service dealers as part of the warranty processing, the warranty claim can only be recognized as justified, if the defective parts are then presented to us for inspection and we recognize them as defective. In all other cases, the spare parts made available will be invoiced no later than 4 weeks after they have been dispatched.

The warranty does not include any entitlement to maintenance and cleaning work being carried out free of charge.

3. WARRANTY PROCESSING

In the event of a product defect during the warranty period, we or our authorized local service center will inform you of the most reasonable and effective method of remedying the defect.

The locally responsible service center can be requested from our head office:

by e-mail: **info@dr-schulze.de**

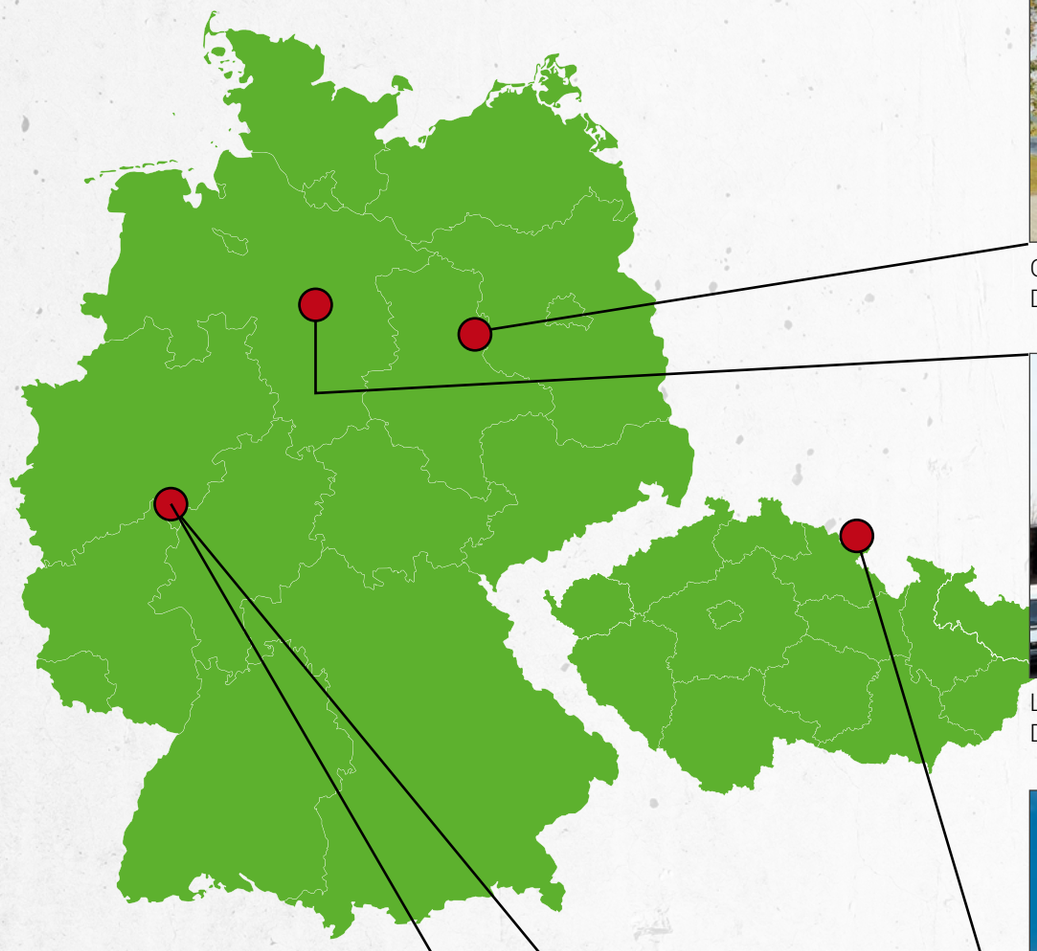
or by telephone: **+49 (0) 2737/5953-0**

The following procedure must be observed when transporting shipments as a part of warranty processing:

- All return shipments to Dr. Schulze GmbH must be announced in advance and confirmed by us.
- If we have sent a return delivery note, this must be attached to the outside pakkaging of the consignment, so that it is visible to the forwarding agent.
- The shipment must be packed securely and completely in accordance with the applicable regulations in order to guarantee problem-free freight transport. The goods to be transported by a forwarding agent (e.g. machines) must be placed and strapped on a suitable pallet. If the shipment is damaged due to defective packaging, the sender bears the costs of the damage incurred.
- The consignment must be freely accessible for collection by the forwarding agent. The consignment must be loaded under the supervision of the sender. Possible damage or insufficient load securing must be reported directly to the forwarding agent and confirmed by him in writing.
- The recipient is always responsible for checking the integrity and completeness of the delivery in the presence of the delivering carrier and confirms this by signing the acceptance protocol. The damage found must be reported directly to the forwarding driver and recorded in the report. Later complaints and transport damage reports cannot be accepted.

If you have further questions about the terms of the manufacturer`s warranty or repair work after the guarantee period has expired, please contact the authorized service centers of **Dr. Schulze GmbH**. This ensures problem-free and safe operation of the products purchased from us over their entire useful life.

57234 Wilnsdorf, August 2022





Gewerbestrasse 9
D-39291 Theessen



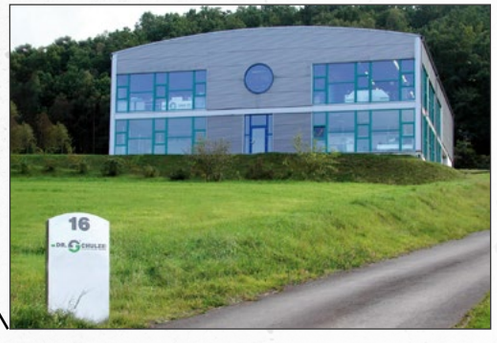
Lärchenweg 3
D-29227 Celle



Tovární 85
CZ-54981 Meziměstí



Bollenberg 10
D-57234 Wilnsdorf



Stahlstrasse 16
D-57234 Wilnsdorf

DR. SCHULZE GMBH
DIAMOND SOLUTIONS

Dr. Schulze Factory I
Bollenberg 10
D-57234 Wilnsdorf
Phone +49 2737 5953-0
Fax +49 2737 5953-3

Dr. Schulze Factory II
Gewerbestraße 9
D-39291 Moeckern/Theessen
Phone +49 39223 620-160
Fax +49 39223 620-186

Dr. Schulze s.r.o.
Tovární 85
CZ-54981 Meziměstí
Phone +420 725 776 540

E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

DR. SCHULZE GMBH
DIAMOND SOLUTIONS

Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

DRY CUTTING



DRILL MOTOR HD16
Page 75



DRILL MOTOR HD18
Page 75



POWER BOXES
DRS-FU6C & DRS-FU6D



RING SAW DRS-RS400



BLADE SAW DRS-TS400



CHAIN SAW DRS-KS400

GUIDE RAIL DRS-FS40

NEW

Guide rail DRS-FS40 for the hand saw DRS-TS400 and ring saw DRS-RS400
- Tool-free quick-change system for fast assembly/disassembly
- Enables straight cuts with hand saw and ring saw
- Significantly reduces the strain on the operator
- Maximum cutting depths of the machines are maintained
- Can be extended by rail connector
- Scope of delivery DRS-FS40 Set: 1x rail 2.18 m; 2x mounting brackets; 1x feed carriage (no adapter plate included!)



		DRS-FS40
Weight of rail 2.18 m / 1.09 m	[kg]	7,2 / 3,6
Weight of feed carriage	[kg]	4,9
DRS-FS40 Set	**[€]**	**1.390,00**
Adapter plate for DRS-TS400	**[€]**	**137,00**
Adapter plate for DRS-RS400	**[€]**	**213,00**
FS-40 rail 2.18 m	**[€]**	**246,00**
FS-40 rail 1.09 m	**[€]**	**137,00**
FS-40 mounting bracket	**[€]**	**205,00**
FS-40 rail connector	**[€]**	**164,00** ⚙

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

HIGH-FREQUENCY HAND SAWS

OVERVIEW

The series of innovative high-frequency hand saws consists of a blade saw DRS-TS400 (cutting blade Ø400 mm), a chain saw DRS-KS400 and a ring saw DRS-RS400. All three machines can be operated via universal PowerBoxes DRS-FU6C and DRS-FU6D on a 230 or 400 Volt power line.

General technical features:
- rated power 3,7 kW at 230 Volt and 6,5 kW at 400 Volt
- automatic detection of the main voltage: 230 Volt (single-phase) or 400 Volt (three-phase)
- integrated power electronics protect the motor against overload and insufficient cooling
- universal water-cooled frequency converter (Poxer Box) for all three devices of the series
- continuously adjustable and ergonomically positioned handle

POWER BOXES DRS-FU6C & DRS-FU6D

- two new innovative PowerBoxes DRS-FU6C and DRS-FU6D
- confortable transport weight (only 6,4 kg)
- compatible with all three machines of the series (blade saw, chainsaw, ring saw)
- autodetection of the connected machine with adjustment of corresponding parameters
- bluetooth interface for diagnostics, service messages and software updates
- compatible with innovative service app (for Android devices)
- **DRS-FU6D with foil keyboard and LC display with various status information and a lot of various individual settings**
- **DRS-FU6C with LED status indicator of operating condition**
- adapter cable for connection to 230 volts of network included



DRS-FU6C



DRS-FU6D

BLADE SAW DRS-TS400

NEW! Optional kit for flush cutting available

- extremely lightweight (only 9,4 kg)
- simple and fast cutting blade change due to bayonet lock on blade guard
- bypass system with ball valve for dry cutting and simultaneously water cooling of the motor
- steplessly adjustable blade guard
- integrated cooling water channel trough the spindle with easily accessible regulating valve



CHAIN SAW DRS-KS400

- ideal for small openings, cuttings close to the wall and very deep cuts
- the best solution for corner cuts - overcut can be completely avoided
- wide range of accessories (chain wheels, bars and chains) are available on request for various applications (not included in the scope of delivery)

NEW! Guide rail DRS-FS40 for DRS-TS400 and DRS-RS400





Page 13

RING SAW DRS-RS400

- extreme cutting depth of 300 mm with a tool diameter of Ø400 mm
- allows complete wall transection from one side
- integrated water circuit with easily accessible regulating valve for cutting with water cooling of the tool only



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

HIGH-FREQUENCY HAND SAWS

		DRS-TS400		DRS-KS400		DRS-RS400	
voltage	[V]	230	400	230	400	230	400
rated power	[kW]	3,7	6,5	3,7	6,5	3,7	6,5
rated current	[A]	16	13,5	16	13,5	16	13,5
diamond blade Ø	[mm]	400		-		400	
bore	[mm]	25,4		-		-	
chain bar length	[mm]	-		≈ 400		-	
max. cutting depth	[mm]	165		≈ 405		300	
rotation speed	[min^{-1}]	2500		5500		2400	
weight	[kg]	9,4 [1]		9,8 [2]		13,5 [1]	
Price saw without PowerBox	**[€]**	**2.510,00** [1]		**3.020,00** [2]		**3.830,00** [1]	
Price PowerBox DRS-FU6 C	**[€]**	**1.990,00**		**1.990,00**		**1.990,00**	
Price PowerBox DRS-FU6 D	**[€]**	**2.240,00**		**2.240,00**		**2.240,00**	
drive pulley DRS-RS 400	**[€]**	**-**		**-**		**38,40**	
Flush cutting kit	**[€]**	**134,00**		**-**		**-**	
starter package KS400 (chain bar 40 cm, chain wheel, chain Force 3)		**-**		**1.160,00**		**-**	
transportation case	**[€]**	**374,00**		**-**		**374,00**	

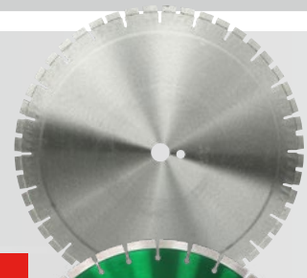
[1] without diamond cutting blade [2] without chain wheel, bar and chain

TT-HS1

★★★★

High-performance diamond blade for fast cutting of heavy reinforced concrete and hard stone

- specially developed for use on HF hand saws
- special short segments for faster cutting
- segment height 10 mm



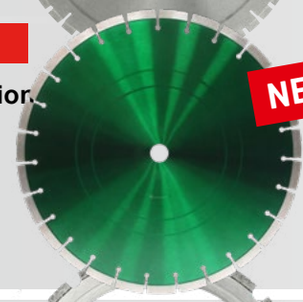
TT-HS3-SET

★★★★★



DRS-SET-System - Dominance of excellence

- DRS-SET system with predetermined diamond distribution
- laser-welded type for dry cutting
- specially developed for use on HF hand saws
- excellent cutting speed and superior lifetime
- segment height 12 mm
- strong reinforced concrete, hard stone, building materials



PR-U

★★★

Cutting ring for ring saws for universal use in concrete and building materials

- laser-welded type for dry cutting
- segment height 10 mm
- reinforced concrete, building materials
- drive pulley for K3600 included



SET-BS

★★★★

DRS-SET-System - Dominance of excellence

High-performance cutting ring Ø400 mm for HF ring saw DRS-RS400

- DRS-SET system with predetermined diamond distribution
- **laser welded for dry cutting**
- optimal for reinforced concrete and hard stone
- segment height 10 mm



WR-CF

★★★★★

High-performance cutting ring Ø400 mm for HF ring saw DRS-RS400

- laser-welded type for dry cutting
- specially developed for use on HF ring saw
- segment height 10 mm
- heavy reinforced concrete, building materials



Ø [mm]	TT-HS1 Price [€]	TT-HS3-SET Price [€] NEW
400	292,00	328,00
430	344,00	-
500	376,00	-

v_{max} 63 m/s

Ø [mm]	PR-U Price [€]	SET-BS Price [€]	WR-CF Price [€]
350	188 ,00	-	-
400	-	230,00 [1]	350,00 [1]

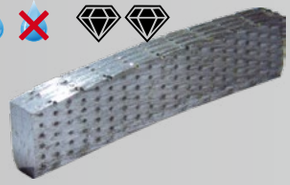
v_{max} 63 m/s [1] without drive pulley

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

CONCRETE

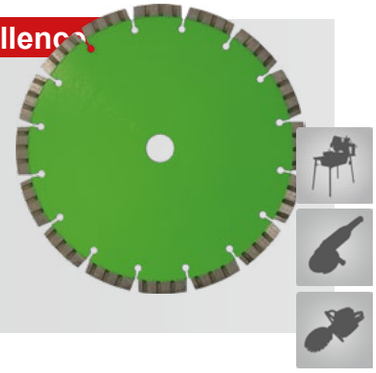
LASER SET SP

★★★★★



DRS-SET-System - Dominance of excellence

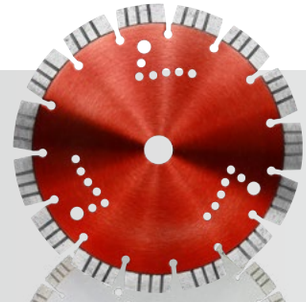
- **DRS-SET-technology with predetermined distribution of diamonds**
- excellent cutting speed and superior lifetime
- turbo-segments with 10 mm segment height
- strong reinforced concrete, hard stone, building materials



RENTAL

★★★★★

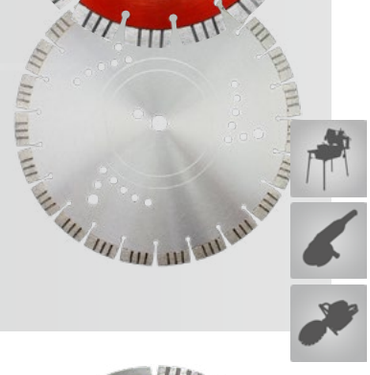
- three precisely arranged bores for precise measurement of segment wear
- very universal in use
- excellent cutting speed
- **segment height 15 mm**
- reinforced concrete, building materials, asphalt (limited)



LASER 15

★★★★

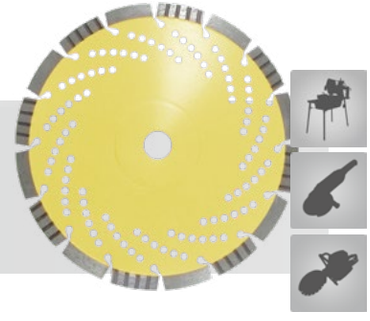
- wide application range
- optimal cutting speed
- **segment height 15 mm** (12 mm to Ø180 mm)
- with special cooling openings at Ø230-350 mm (s.photo)
- reinforced concrete, concrete products, building materials



LASER SPEED CUT

★★★★★

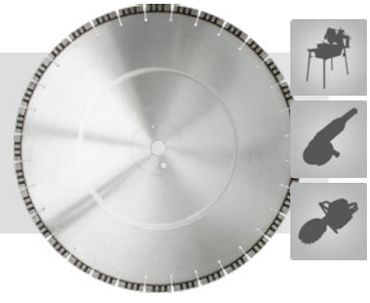
- laser - type Speed Cut
- core with cooling holes
- **segment height 10 mm**
- reinforced concrete, washed-out concrete, roof tiles, bricks, clinker



ALLIGATOR S

★★★★

- Alligator turbo segments
- narrow slots
- **segment height 10 mm**
- concrete (reinforced), clinker, building materials



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

CONCRETE

LASER EXTREME CUT 2.0

GENERATION 2.0

- **new generation of our bestseller**
- faster and easier cut
- laser turbo segments with improved specification
- steel core with cooling holes (from Ø230 mm)
- **segment height 10 mm**
- heavy reinforced concrete, hard stone, clinker



LASER TURBO U 2.0

GENERATION 2.0

- **new generation of our bestseller**
- faster and easier cut
- laser turbo segments with improved specification
- **segment height 10 mm**
- reinforced concrete, building materials

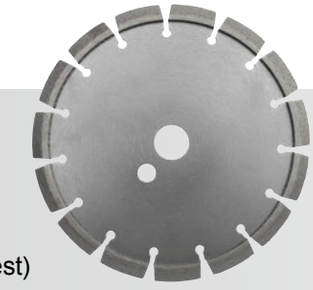


LASER BTGP

- multifunctional purpose
- superior cutting performance
- **segment height 10 mm**
- reinforced concrete, building materials

V-JOINT CHASER RFV-B

- for chasing of cracks and chamfering of expansion joints
- segments with V-shape
- laser-welded type for dry cutting
- **segment height 12,5 mm**
- **segment width 10 mm** (6, 8, 12, 16 mm on request)
- concrete, screed, mineral based floors



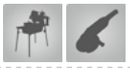
2. Gen. 2. Gen.

Ø [mm]	Laser Set SP Price [€]	Rental Price [€]	Laser 15 Price [€]	Laser Speed Cut Price [€]	Alligator S Price [€]	Laser Extreme Cut 2.0 Price [€]	Laser Turbo U 2.0 Price [€]	Laser BTGP Price [€]	V-joint-chaser RFV-B Price [€]
115	-	-	14,00	41,00	22,00	27,00	20,00	15,00	98,00
125	-	-	16,00	45,00	26,00	29,00	22,00	18,00	111,00
150	-	-	26,00	58,00	35,00	33,00	27,00	25,00	-
180	-	-	28,00	68,00	43,00	41,00	32,00	29,00	-
230	78,00	49,00	38,00	83,00	58,00	55,00	38,00	36,00	210,00
300	116,00	96,00	74,00	140,00	106,00	119,00	79,00	81,00	-
350	136,00	128,00	98,00	170,00	130,00	136,00	96,00	90,00	-
400	174,00	162,00	124,00	215,00	162,00	189,00	130,00	132,00	-
450	-	191,00	147,00	-	225,00	229,00	153,00	168,00	-
500	-	221,00	170,00	-	259,00	284,00	198,00	238,00	

Ø115 - 230 mm v_{max} 80 m/s Ø300 - 400 mm v_{max} 100 m/s Ø450 - 500 mm v_{max} 63 m/s

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

APPLICATION

tool	Ø [mm]	quality	hardness level	characte-ristics	machines	reinforced concrete	concrete products	granite
concrete								
Laser-Set-SP	230 - 400	★★★★★				+++	+++	++
Rental	230 - 500	★★★★★				+++	+++	+
Laser 15	115 - 500	★★★★				+++	+++	+
Laser Speed Cut	115 - 400	★★★★★				+++	++	+
Alligator S	115 - 500	★★★★★				+++	+++	+++
Laser Extreme Cut 2.0	115 - 500	★★★★				+++	+++	+
Laser Turbo U 2.0	115 - 500	★★★				++	+++	+
Laser BTGP	115 - 500	★★★				++	++	++
RFV-B	115 - 230	★★★★				++	+++	
abrasive materials								
L-Abrasiv	115 - 400	★★★★						
Uni-K2	115 - 230	★★★						
MF 6 / 7 / 9	80 - 150	★★★★						
universal								
All-Cut	115 - 400	★★★★				+	+	
Uni-X10	115-350	★★				+	++	
natural stone								
L-Granit	230 - 350	★★★★★				++	+	+++
Evolution Red	115 - 350	★★★★★				++	+++	+++
Super Cut S	115 - 350	★★★★				+++	+++	++
tiles, ceramics								
Ultra Ceram	115 - 350	★★★★★						++
FL-HC 2.0	115 - 350	★★★★★						++
FL-S	115 - 350	★★★★						
Ceram Cut P	115 - 125	★★★★						
Ceram Cut SP	115 - 125	★★★★★						
grinding								
ST-Hawk	100 - 180	★★★				++	+++	+
ST-Rotor	100 - 180	★★★				++	+++	+
ST-Spiral	100 - 180	★★★				++	+++	+
ST2-C	100 - 180	★★★				+++	+++	+
ST2-C Abrasiv	100 - 180	★★★				+	+	
STT-G/ M/ F	100 - 180	★★★★				++	+++	+++
ST-PCD-U	100 - 175	★★★★						
ST-PCD-R	125 - 175	★★★★						
ST-PCD-H	125 - 175	★★★★						

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

APPLICATION

materials							page	tool
artificial lime stone	abrasive materials	tiles, ceramics	fine stone-ware	marble	cast iron	coatings		
								concrete
++	+						16	Laser-Set-SP
++	+							Rental
+	+							Laser 15
+	+							Laser Speed Cut
+	+							Alligator S
+							17	Laser Extreme Cut 2.0
+								Laser Turbo U 2.0
+								Laser BTGP
+	+							RFV-B
								abrasive materials
+++	+++						20	L-Abrasiv
++	++							Uni-K2
+	+++					+		MF
								universal
	+			++	++	++	20	All-Cut
++	+							Uni-X10
								natural stone
+							21	L-Granit
++				++				Evolution Red
+++				+	+			Super Cut S
								tiles, ceramics
+		+++	++	++			22	Ultra Ceram
		+++	+++	++				FL-HC 2.0
		+++	+					FL-S
		+++	++	+++				Ceram Cut P
		+++	+++	++				Ceram Cut SP
								grinding
++	++					+	23	ST-Hawk
++	++					+		ST-Rotor
++	++					+		ST-Spiral
++	+					+		ST2-C
+++	+++					+		ST2-C Abrasiv
+	+					+		STT-G/ M/ F
	+					+++	24	ST-PCD-U
	+					+++		ST-PCD-R
	+					+++		ST-PCD-H

LEGEND

quality

- ★ Eco
- ★★ Standard
- ★★★ Medium
- ★★★★ Premium
- ★★★★★ Super Premium

hardness level

- very aggressive tool
- tool with balanced life and performance
- tool with increased tool life

characteristics

- laser welded
- dry cutting
- wet cutting

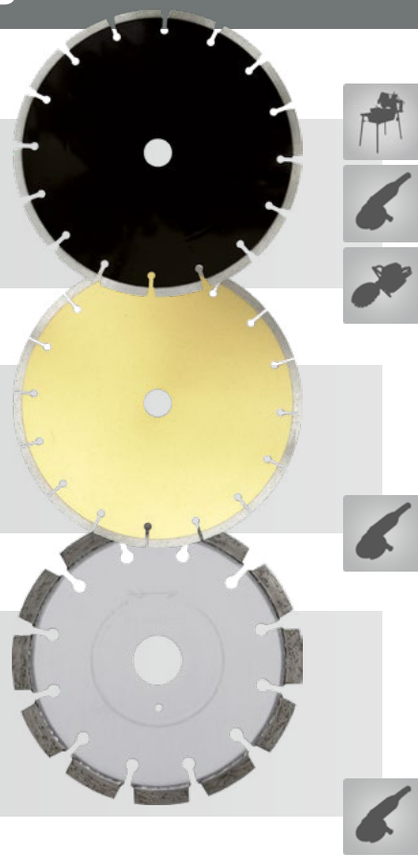
machines

- table saws
- angle grinders
- petrol driven hand saws

classification

- \+ for occasional use
- ++ well suitable
- +++ optimal performance

ABRASIVE MATERIALS



L-ABRASIV

★★★★

- laser - abrasive
- **segment height 10 mm**
- soft artificial sandstone, plaster, abrasive concrete, asphalt, sandstone

UNI-K2

★★★

- for universal artificial sandstone
- **sintered segment height 10 mm**
- abrasive concrete, plaster, artificial sandstone, concrete roof plates, bricks

MF

★★★★

- tuck point blade
- **segment height 6 mm**
- segment width:
  MF6 6 mm | MF7 7 mm
  MF9 9 mm
- mortar, masonry, plaster

UNIVERSAL



CUTS EVERYTHING!

ALL CUT

★★★★

- vacuum brazed diamond saw blade for all purpose cutting
- core with cooling holes
- **concrete, stones, wood, PVC, steel, cast iron, plastics, bullet-proof glas**

UNI-X10

★★

- sintered turbo segments
- narrow slots
- **segment height 10 mm**
- universal for all building materials

[mm]	L-Abrasiv Price [€]	UNI-K2 Price [€]	MF 6 Price [€]	MF 7 Price [€]	MF 9 Price [€]	All Cut Price [€]	UNI-X10 Price [€]
80	-	-	86,00	94,00	106,00	-	-
115	21,00	17,00	116,00	126,00	144,00	51,00	11,00
125	25,00	20,00	126,00	136,00	154,00	58,00	12,00
150	29,00	28,00	144,00	156,00	180,00	75,00	15,00
180	34,00	34,00	-	-	-	87,00	18,00
230	43,00	49,00	-	-	-	98,00	25,00
300	83,00	-	-	-	-	174,00	62,00
350	100,00	-	-	-	-	219,00	72,00
400	119,00	-	-	-	-	263,00	-
Ø115 - 230 mm v_{max} 80 m/s			Ø300 - 400 mm v_{max} 100 m/s				

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

NATURAL STONE

L-GRANIT

★★★★★

- laser - granite
- extra narrow slots
- **segment height 7 mm**
- granite, quartzite, porphyr, hard sandstone, curb stones



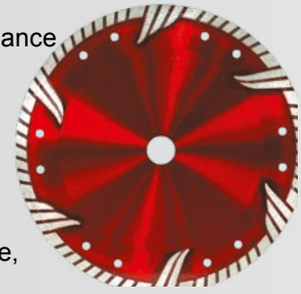
EVOLUTION RED

OUTSTANDING PERFORMANCE IN NATURAL STONE!

NEW

★★★★★

- new turbo cutting blade for natural stone
- very universal in use, unsurpassed in price/performance
- extreme cutting speed even in hard stone
- with specially shaped protective segments for core protection
- **segment height 9 mm**
- **optimally suitable for granite, hard stone, concrete products**
- suitable also for marble, sandstone, sand-lime stone, refractory bricks



EXCELLENT PRICE/PERFORMANCE RATIO!

SUPER CUT S

★★★★

- turbo continuous rim
- crimped steel core
- segment height

Ø 115 -180 mm	**7 mm**
Ø 230 mm	**8 mm**
Ø 300 - 350 mm	**8,5 mm**

- concrete (reinforced), concrete products, curb stones, granite, ceramics, hard artificial sandstone, ductile cast iron pipes



NEW

Ø [mm]	L-Granit Price [€]	Evolution Red Price [€]	Super Cut S Price [€]
115	-	15,00	28,00
125	-	17,00	30,00
150	-	25,00	38,00
180	-	29,00	48,00
230	137,00	43,00	72,00
300	193,00	87,00	150,00
350	231,00	100,00	230,00
Ø115 - 230 mm	v_{max} 80 m/s	Ø300 - 350 mm	v_{max} 100 m/s

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

TILES / CERAMICS

ULTRA CERAM

★★★★★

- 10 mm closed continuous rim with special shape
- **steel core with integrated noise reduction system**
- thin steel core with reinforced core center and special designed cooling holes
- hard ceramics, tiles, fine stoneware, natural stone (granite, marble)

- SILENT TYPE
- REINFORCED CORE



FL-HC 2.0

★★★★★

GENERATION 2.0

- **new improved specification**
- **suitable for thick fine stoneware tiles**
- faster cutting in ceramic tiles
- steel core with cooling holes
- **segment height 8 mm** (up to Ø 250 mm turbo rim, Ø 300/350 mm continuous rim)
- **stoneware tiles**, hard ceramics, hard tiles

EXTRA FINE CUT



FL-S

★★★★

- tiles special
- continuous rim
- **segment height 5 mm**
- tiles, natural stone, ceramics

EXTRA FINE CUT

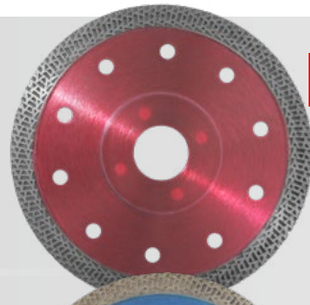


CERAM CUT P

★★★★

- cutting rim 10 mm with special profile
- **steel core with integrated noise reduction system**
- thin steel core with reinforced center and special cooling openings
- hard ceramics, tiles, porcelain stoneware, natural stone (granite, marble)
- **optimized tool life**

NEW

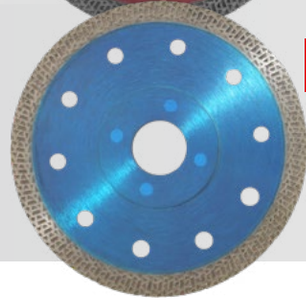


CERAM CUT SP

★★★★★

- cutting rim 10 mm with special profile
- **steel core with integrated noise reduction system**
- thin steel core with reinforced center and special cooling openings
- hard ceramics, tiles, porcelain stoneware, natural stone (granite, marble)
- **optimized cutting speed**

NEW



				NEW	NEW
Ø [mm]	Ultra Ceram Price [€]	FL-HC 2.0 Price [€]	FL-S Price [€]	Ceram Cut P Price [€]	Ceram Cut SP Price [€]
115	29,00	23,00	20,00	17,00	19,00
125	32,00	25,00	24,00	19,00	21,00
150	43,00	40,00	34,00	-	-
180	51,00	49,00	42,00	-	-
200	58,00	53,00	43,00	-	-
230	64,00	60,00	47,00	-	-
250	75,00	75,00	66,00	-	-
300	96,00	106,00	102,00	-	-
350	128,00	126,00	155,00	-	-

Ø110 - 180, 230 mm v_{max} 80 m/s
Ø200, 250 - 350 mm v_{max} 63 m/s

Ø [mm]	Ultra Ceram segment width [mm]	FL-HC 2.0 [mm]	FL-S [mm]	Ceram Cut P [mm]	Ceram Cut SP [mm]
115	1,2	1,2	1,6	1,4	1,4
125	1,2	1,2	1,6	1,4	1,4
150	1,4	1,4	1,6	-	-
180	1,4	1,6	1,6	-	-
200	1,6	1,6	1,6	-	-
230	1,6	1,8	1,6	-	-
250	1,6	1,8	1,6	-	-
300	2,0	2,0	2,4	-	-
350	2,4	2,0	2,4	-	-

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

GRINDING

ST-HAWK

★★★

- grinding cup wheel HAWK
- **segment height 5 mm**
- concrete, coatings

ST-ROTOR

★★★

- grinding cup wheel ROTOR
- **segment height 5 mm**
- concrete, coatings

ST-SPIRAL

★★★

- grinding cup wheel SPIRAL
- **segment height 5 mm**
- concrete, coatings



ST2-C

★★★

- grinding cup wheel 2-rowed
- concrete, natural stone, building materials

ST2-C-ABRASIV

★★★

- grinding cup wheel 2-rowed
- **new version with harder segments for more lifetime**
- fresh concrete, screed, abrasive materials



STT-G

★★★★

STT-M

★★★★

STT-F

★★★★

Special diamond cup wheels with graded diamond grits for processing of corners and difficult accessible areas in addition to the large floor grinding machines

- connection Ø22,2 mm or M14
- concrete, natural stone

G -	**Rough grinding/**	**grid #40 (green)**
M -	**Medium grinding/**	**grid #80 (blue)**
F -	**Fine grinding/**	**grid #120 (yellow)**



[mm]	ST-HAWK		ST-ROTOR		ST-SPIRAL		ST2-C / ST2-C-ABRASIV		STT-G / M / F		
	Price [€]	Height [mm]	Price [€]	Height [mm]	Price [€]	Height [mm]	Price [€]	Height [mm]	Price [€]	Height M14 [mm]	Height 22,2 [mm]
100	**50,00**	21	**59,00**	21	**53,00**	21	**41,00**	20	**92,00**	28	18
115	**-**	-	**-**	-	**-**	-	**54,00**	20	**-**	-	-
125	**59,00**	20	**61,00**	21	**58,00**	21	**62,00**	21	**104,00**	30	19
150	**84,00**	21	**80,00**	22	**84,00**	27	**-**	-	**139,00**	30	20
180	**92,00**	31	**100,00**	26	**107,00**	31	**98,00**	31	**180,00**	33	21

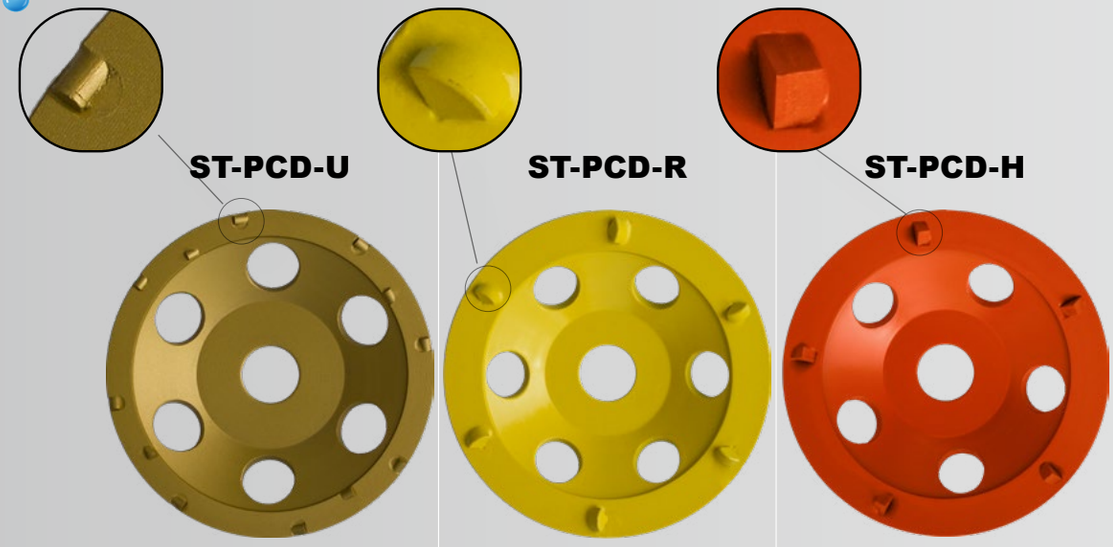
Ø100 - 180 mm v_{max} 80 m/s / Height in mm

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

PCD - GRINDING CUP WHEELS

★★★★

PCD - grinding cup wheels with polycrystalline diamond
- for removing of various coatings, adhesives, sealings, colors, soft screeds
- with high performance PCD picks



ST-PCD-U

ST-PCD-U with small round PCD picks for universal purpose, less damages of processed surface, optimal for thin layers

ST-PCD-R

ST-PCD-R with large round PCD picks for harder coatings, aggressive

ST-PCD-H

ST-PCD-H with sharp PCD-picks for thick, elastic coatings, extremely aggressive

	ST-PCD-U			ST-PCD-R			ST-PCD-H		
Ø	PCD-amount	Price [€]	Height [mm]	PCD-amount	Price [€]	Height [mm]	PCD-amount	Price [€]	Height [mm]
100	9	**94,00**	-	-	**-**	-	-	**-**	-
115	9	**98,00**	20	-	**-**	-	-	**-**	-
125	12	**121,00**	19	6	**140,00**	21	5	**229,00**	22
175	18	**176,00**	27	9	**206,00**	29	9	**408,00**	29
Ø115 - 175 mm v_{max} 80 m/s									

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DR. SCHULZE GMBH
DIAMOND SOLUTIONS

Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

CORE DRILLING

THE NEW GENERATION OF DR. SCHULZE DDM CORE DRILLING MOTORS: DDM-160, DDM-350 AND DDM-350T

NEW

The **second generation** of our DDM motors with improved technology and optimized handling for the toughest challenges in the professional industry!

GENERAL TECHNICAL CHARACTERISTICS:

- stable housing made of high-strength aluminium alloy for daily use
- multi-stage protection (starting current limitation, warning function, overload protection)
- integrated electronics with LED indication of the operating status
- increased safety for operator, machine and tools thanks to overload clutch
- spirit levels for horizontal and vertical alignment



DDM-160

Universal and powerful wet/dry drill motor for drilling up to Ø 160 mm in freehand and drill stand operation

- optimal weight distribution for fatigue-free work
- supplied in a practical carrying case
- combi drill spindle ½“ inside + 1 ¼“ outside
- clamping neck diameter Ø60 mm
- scope of delivery: Gardena water connection with ball valve, GEKA connection with hose coupling Ø32 mm for dust extraction, clamping ring with additional handle, wrench SW32, transport case
- PRCD and Schuko plug as standard



DDM-350

Robust and powerful 3.2 kW drill motor for daily use on the construction site and drilling up to Ø350 mm

- wide drilling range Ø50-350 mm
- integrated oil pump for constant lubrication of all transmission parts
- practical carrying handle
- easy release ring, PRCD and Schuko plug as standard



DDM-350T

DDM-350T with switchable soft impact for dry drilling Ø50-300 mm in reinforced concrete and other construction materials with the special drill bits (see page 45)

- specially developed for wet and dry drilling in drill stand operation
- soft impact for fast drill feed and optimal dust extraction
- rotatable suction connection for comfortable and dust-free work
- also suitable for wet drilling



With switchable soft impact

Wet and dry drilling in reinforced concrete and granite

		DDM-160	DDM-350	DDM-350T
Application		Wet + Dry	Wet	Wet + Dry (with soft impact)
Drilling diameter	[mm]	20-160	50-350	50-300
Motor		2,0 kW; 230 Volt	3,2 kW; 230 Volt	3,2 kW; 230 Volt
Gears		3	3	3
Rotation speeds	[min^{-1}]	540/1200/2520	230/460/720	230/460/720
Connection		½" + 1¼“	1¼“	1¼“
Weight	[kg]	6,9	12,8	13,5
Price	**[€]**	**1.280,00**	**1.560,00**	**2.160,00**
Warranty extension to 2 years	**[€]**	**192,00**	**234,00**	**324,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRILL STANDS DSD-200/250/350/350L/500/200T

NEW

Stable, light weight, ergonomic and versatile in use - this is the new DSD model series of Dr. Schulze drill stands with a low-maintenance and smooth-running roller guide and further quality features!





DSD-200T

TECHNICAL DESCRIPTION:

- Stable, precise and extremely smooth-running roller guide with durable aluminum rollers
- DSD-200/250 with carriage housing made of high-strength and light magnesium alloy
- DSD-350/500 with heavy-duty aluminum alloy carriage housing
- Stable base plate made of galvanized steel with integrated adjusting screws (excluded DSD-200T)
- Hardened steel rack for long life
- Integrated 2-speed feed gear box for DSD-350/500 (can be operated from the both sides) as standard
- Compact dimensions for quick mounting and easy transport
- Turnstile can be mounted from the both sides and also serves as a key for the various connecting parts (motor mounting plate, angle adjustment, adjusting screws, etc.)
- Stepless inclination up to 45° with practical scale (excluded DSD-200T)
- Two ergonomic carrying handles as standard (excluded DSD-200T)
- Carriage housing with two integrated spirit levels for precise alignment
- DSD-250 and DSD-200T with Ø60 mm clamping and motor quick-release plate as standard
- DSD-350/500 with transport wheels as standard
- Optional DSVGP vacuum plate for vacuum fixation of DSD-200/250 on even surfaces (also suitable for other drill stands) – page 37

SPECIAL DRILLING STAND DSD-200T FOR WALL AND CEILING DRILLING:

- Quick fastening system for heights 2220-3300 mm
- Side arm with 180° swivel range and 600 mm travel
- Stable swivel rollers for quick positioning of the drilling system
- Ideal for series drilling without anchor fixation
- Clamping neck Ø60 mm and motor quick-connection plate as standard
- Water collection ring for ceiling drilling (up to max. Ø 200 mm) as standard

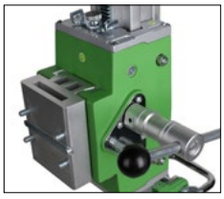
Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRILL STANDS DSD-SERIES

NEW



Carriage fixation at DSD-200/250



DSD-350/500 carriage with spirit levels and two feed gears and

DSD-250 with Ø60 mm clamping

DSD-200 | **DSD-250 with quick release motor plate** | **DSD-350** | **DSD-350L** | **DSD-500**

		DSD-200	DSD-250	DSD-350	DSD-350L	DSD-500	DSD-200T
Maximum drilling diameter	[mm]	200	250	350	350	500	200
Maximum travel	[mm]	510	580	650	1600	650	600
Engine mount							
- Clamping Ø60 mm		✓	✓	–	–	-	✓
- Quick release plate		–	✓	✓	✓	✓	✓
Transport wheels		-	-	✓	✓	✓	✓
Feed gear ratio		1:1	1:1	1:1 / 1:2	1:1 / 1:2	1:1 / 1:2	1:1
Length	[mm]	500	530	575	575	670	500
Width	[mm]	275	285	320	320	320	500
Height	[mm]	940	1000	1100	2100	1100	2220–3350
Weight [1]	[kg]	12,7	14,6	21,7	29,6	22,7	55
Price	**[€]**	**590,00**			**1.690,00**	**990,00**	**2.190,00**

[1] without attachments

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRILL STANDS D-SERIES



D-250V



D-350R

D-250V

Ultra light weight, compact drill rig with integrated vacuum base, laser positioning guide and continuously inclinable up to 45°

- motor quick release plate
- low-maintenance and smooth-running roller guide system
- vacuum base incl. vacuum set and leveling screws
- integrated spirit level for precise alignment
- V-support for starting of drilling
- laser drilling center indication
- incl. tool set

D-350R

High performance drill rig with stable base, transport rollers and quick release plate for bores up to Ø350

- low-maintenance and smooth-running roller guide system
- continuously inclining up to 45°
- strong cast base with leveling screws
- easy removable transport wheels
- motor quick release plate

		D-250V	D-350R
max. drilling diameter	[mm]	250	350
roller guide system		✓	✓
integrated vacuum base incl. vacuum set		✓	-
laser positioning guide		✓	✓
transport rollers (removable)		-	✓
integrated spirit level		2	2
v-support		✓	✓
tool set		✓	✓
length	[mm]	470	600
width	[mm]	290	360
height	[mm]	950	1040
weight	[kg]	14,4	19,8
total travel	[mm]	570	610
inclined drilling up to	[°]	45	45
Price	**[€]**	**900,00**	**1.180,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRILL STANDS MASTER-SERIES

DRILL-14 ECO — Light weight and handy drill rig with motor clamping Ø60 mm for drilling diameters up to Ø150 mm

DRILL-18 — Lightweight drill stand up to Ø200 mm with vacuum base, column support and reinforced carriage with 2 spirit levels.

DRILL-20 — Compact and variable drill rig with build-in vacuum base for drilling diameters up to Ø250 mm

DRILL-32 / 32L
DRILL-45 / 45L

Robust drill rig with column support, transport wheels and quick release motor plate II.
Drill-32L/45L suitable for the use with extra long core drill bits



Drill-14 ECO



Drill-18



Drill-20



Drill-32 / 32L



Drill-45 / 45L

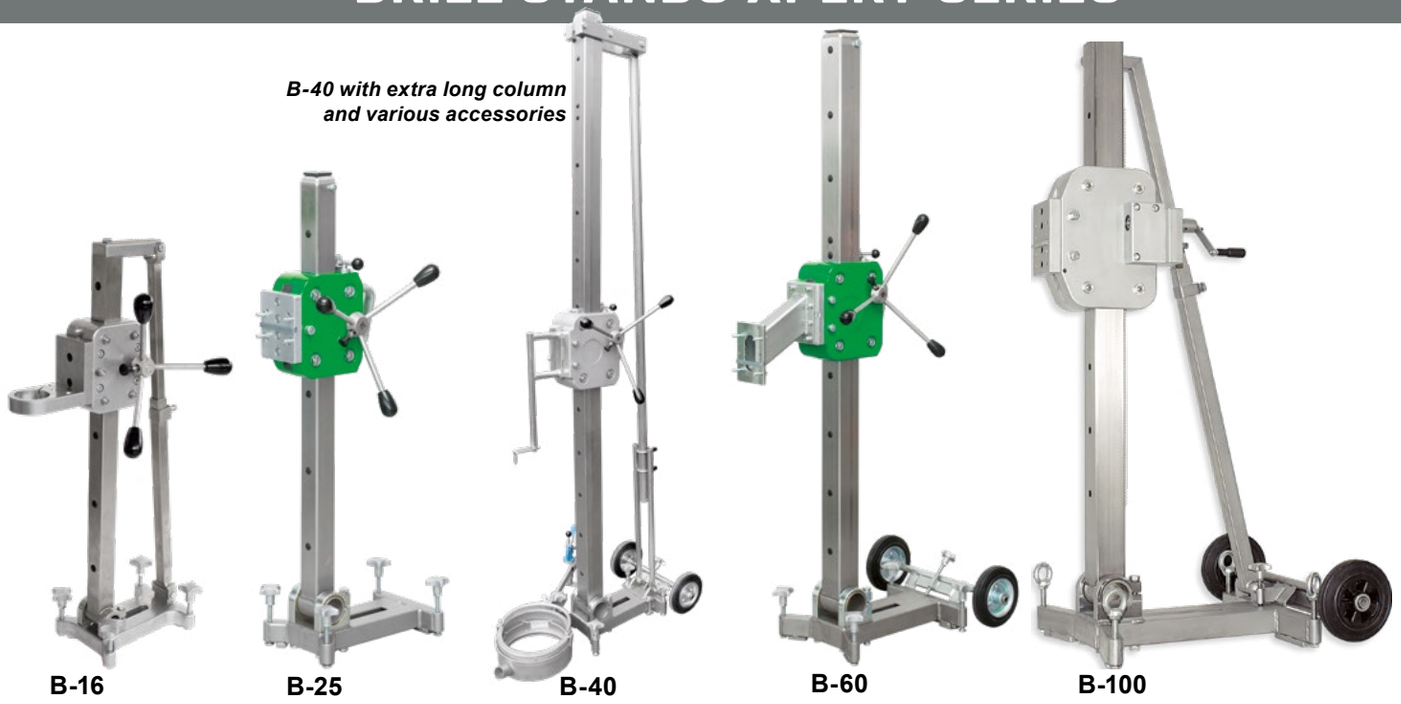
		Drill-14 eco	Drill-18	Drill-20	Drill-32	Drill-32L	Drill-45	Drill-45L
max. drilling diameter [1]	[mm]	150	200	250	280 / 320 [2]		500	
inclined drilling up to	[°]	-	45	45	45		45	
length	[mm]	350	390	550	520		520	
width	[mm]	220	230	330	380		380	
height	[mm]	850	850	1020	1040	1650	1300	2100
weight	[kg]	6,5	9,85	15,0	19,5	22,0	26,5	28,0
Price	**[€]**	**660,00**	**850,00**	**1.330,00**	**1.590,00**	**1.990,00**	**2.090,00**	**2.560,00**
60 mm clamping with quick release plate	[€]	-	-	174,00	-		-	
quick release motor plate	[€]	-	-	190,00	-		-	
quick release motor plate II	[€]	-	-	-	204,00		204,00	
spacer 30 mm	[€]	-	-	-	120,00		-	
motor fixation		Clamping Ø60 mm	Clamping Ø60 mm	quick release motor plate I	quick release motor plate II		quick release motor plate II	
vacuum base		-	+	+	-		-	
build-in spirit level		+	+	+	-		-	
column support		-	single	single	single		double	
transport wheels		-	-	+	+		+	
feed gear (2 gears)		-	-	-	+		+	

[1] max. drilling diameter applies to BDK drill motors [2] 320 mm with spacer

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRILL STANDS XPERT-SERIES

B-40 with extra long column and various accessories



B-16 B-25 B-40 B-60 B-100

B-16 B-25 Durable and handly drill rigs with feeding unit with patented roll guide system for drilling diameters up to Ø160 mm (B-16) / Ø350 mm (B-25)

B-60 Durable drill rig with feeding unit with patented roll guide system for drilling diameters up to Ø700 mm with high power drill motors
Can be used with long or extra long core drills.

B-40 Durable drill rig with feeding unit with patented roll guide system for drilling diameters up to Ø500 mm with high power drill motors

B-100 Extreme robust drill rig with patented ball-bearing guide system and massive column support for bores up to Ø1000 mm for hydraulic and electrical drilling motors up to 8 kW power

		B-16	B-25	B-40	B-60	B-100
max. drilling diameter [1]	[mm]	160	300 / 350 [2]	350 / 500 [2]	350 / 700 [2]	500 / 1000 [2]
inclined drilling up to	[°]	30 (forwards) / 60 (backwards)	± 60	± 60	± 60	30 (forwards) / 60 (backwards)
length	[mm]	250	330	360	410	580
width	[mm]	180	200	250	300	525
height	[mm]	800	950	1140	1540	1650
weight	[kg]	11,5	16,0	26,0	37,0	65,0
Price	**[€]**	**1.640,00**	**1.670,00**	**2.250,00**	**2.960,00**	**6.990,00**

[1] max. drilling diameter applies to BDK drill motors
[3] with spacer (optional)

- feeding with replaceable gear rack
- patented feeding unit with roll guides (with ball bearings)
- foot plate with leveling screws
- column up to 60° for- and backwards inclinable
- column, foot plate and rolls made of stainless steel
- transport wheels (only B-60, B-100)

accessories

	B-25	B-40	B-60	B-100
extra long column	1300 mm / **798,00 €**	1400 mm / **900,00 €**	-	-
extra long column	1960 mm / **998,00 €**	2000 mm / **1.150,00 €**		2000 mm / **1.700,00 €**
feeding gearbox 1:2,6	**420,00 €**	serial		serial
transport wheels	**268,00** €	**268,00 €**	serial	serial
drilling center indicator	**136,00 €**	**136,00 €**		**136,00 €**
adapter for 60 mm clamping	**178,00 €**	**178,00 €**	-	-
water collecting ring with screw	132 mm / **476,00 €**	202 mm / **498,00 €**		202 mm / **498,00 €**
column support	820 mm / **408,00 €**	1000 mm / **418,00 €**	-	-
column support	1300 mm / **436,00 €**	1400 mm / **440,00 €**		serial
column support	1960 mm / **456,00 €**	2000 mm / **490,00 €**		2000 mm / **490,00 €**
spacer 120 mm (attached to the motor)	-	110 mm / **374,00 €** 190 mm / **380,00 €**		-
quick release spacer	50 mm / **336,00 €**	50 mm / **346,00 €** 170 mm / **590,00 €**		300 mm / **948,00 €** 400 mm / **960,00 €**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRILL STANDS FOR PROFESSIONALS

DRILL-50 SERIES

Variable and extremely rigid drill rig system with stainless steel column for powerful drill motors and drilling diameters up to Ø500 mm

- rigid and torsion resistant carriage housing
- low-maintenance sliding guide system for smooth-running and free of clearance feeding
- column, support, leveling screws, turnstile and essential fastening elements made of stainless steel
- carriage housing, vacuum plate, head plate and cross bars made of corrosion-resistant aluminium alloy



Drill-50 ES

Drill-50 V

DRILL-35 SERIES

Professional drill rig with roller guide system of excellent stability. With only 13 kg extremely lightweight! Available in 4 different versions - optionally with compact steel base or aluminium vacuum plate!

- extremely strong roller guide system with stainless steel rollers and guide rails for precise and smooth-running feed (**only Drill-35S, 35V**)
- maintenance-free plastic roller guide system without stainless steel rails (**Drill-35ES, 35EV**)
- stable aluminium footplate with option of vacuum fixation (**only Drill-35V, 35EV**)
- extremely robust and compact steel base for narrow positions (**only Drill-35S, 35ES**)
- swivel feet prevent the forward overturning of the rig, even with mounted drill motor (**only Drill-35S, 35V, 35ES**)
- motor quick release plate with eccentric shaft and operation by star handle
- star handle mountable on the left or right side
- leveling screws to compensate unevenness
- with integrated spirit levels for precise mounting of the drill rig
- tiltable without additional tools by more than 45° for inclined drilling
- transport wheels serially
- all essential fastening elements made of stainless steel



Drill-35V

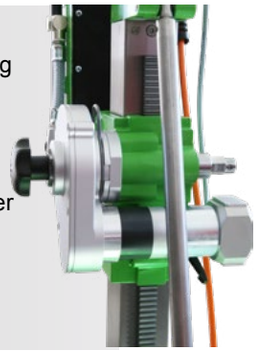
Drill-35ES

AUTOMATIC DRILL FEED MOTION BA-50 FOR DRILL-50

for fully automatic control of the drilling speed in reinforced concrete. The BA-50 is designed for use with prepared SR motors (BDK 25-BA, BDK 38-BA, BDK 65-BA and BDK 68-BA), which are equipped with regulation electronics and a power source for the BA-50 feed motion. Therefore the feed motion is connected with the SR-motor by only one single cable with quick coupling.

Mount the BA-50 feed motion via quick connector on the drill rig, move the core drill bit some millimeters above the concrete surface, activate the coupling of the BA-50, press the motor start button for 2 seconds – the BA-50 already carries your job and you can manage other tasks or just relax for some minutes!

- easy installation within seconds via quick release adaptor and tension spring
- high feed force
- integrated coupling for manual and automatic operation
- insulation class IP55
- exact drilling depth adjustable by stopper
- automatic switch off when drill through or exceed vibrations
- variable limit of 90% or 70% of the engine power selectable while coring



		BA-50
nominal voltage	[V]	48
feed force	[N]	4000
feed speed	[m/min]	0 - 0,4
weight	[kg]	3,5
Price	**[€]**	**1.920,00**
Adapter for stands B-series	**[€]**	**198,00**
Adapter for Drill-50	**[€]**	**98,00**



configuration

		Drill-50						Drill-35			
		V	S	PV	PS	EV	ES	S	V	ES	EV
max. drilling diameter [1]	[mm]	350 / 500 [2]		350 / 500 [2]		350 / 500 [2]		300 / 350 [2]		300 / 350 [2]	
inclined drilling up to	[°]	45		45		-		over 45		over 45	
total travel	[mm]	630		630		630		580		580	
length	[mm]	425	475	425	475	425	475				
width	[mm]	280	387	280	387	280	387				
height	[mm]	1030		1030		1030		950		950	
weight	[kg]	21,0	22,5	20,5	22,0	19,0	20,5	14,5	13,0	13,5	11,5
vacuum foot plate		X		X		X			X		X
welded steel foot plate			X		X		X	X		X	
inclining drilling		X	X	X	X			X	X	X	X
column support		X	X	X	X			X	X	X	X
strengthened stainless steel column						X	X				
2 speed gearbox with fine feeding		X	X								
pivot overturn support		X		X		X		X	X	X	
transport wheels		X	X	X	X			X	X	X	X
Price incl. quick release motor plate	**[€]**	**1.760,00** [4]	**1.790,00** [4]	**1.540,00** [4]	**1.570,00** [4]	**1.260,00** [4]	**1.320,00** [4]	**1.460,00**	**1.350,00**	**1.320,00**	**1.140,00**
vacuum adapter, seal ring	[€]	144,00	-	144,00	-	144,00	-	-	144,00	-	144,00
Spacer up to Ø350 mm	[€]							84,00		84,00	
Spacer up to Ø500 mm	[€]	156,00		156,00		156,00					
quick release motor plate [3]	[€]	206,00		206,00		206,00					

[1] The max. drilling diameter applies to BDK drill motors. [2] with spacer [3] for BDK drill motors [4] incl. Adaptor

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

SELECTION GUIDELINE FOR DRILL STANDS D-/DSD- AND MASTER-SERIES

					drilling motors									
					DK 11	DK 08/09	DK 16/17/18	DDM-160	BDK 26	BDK 33	DDM-350	BDK 4E	BDK 4ES	BDK 45E
		power	[kW]		1,6	1,8	2,0	2,0	2,6	3,2	3,2	3,9	3,9	5,2
		voltage	[V]		230	230	230	230	230	230	230	400	400	400
		weight	[kg]		5,5	≈ 5,0	≈ 5,3	≈ 6,9	11,6	11,9	12,8	19,0	19,0	22,9
		weight	vacuum base	page	33	33	33	25	34	34	25	35	35	35
		[kg]	[+ / -]		maximal diameter of drilling [1]									
drill stands D-series	DSD-200	11,5	-	27	30	150	160	160	-	-	-	-	-	-
	D-250V	14,4	✓	28	-	-	-	-	250	250	250	-	-	-
	D-350R	19,8	-	28	-	-	-	-	250	350	350	-	-	-
	DSD-500	19,5	-	27	-	-	-	-	250	350	350	400	300	500
drill stands Master-series	Drill-14 eco	6,5	-	29	30	150	150	150	-	-	-	-	-	-
	Drill-18	9,8	✓	29	30	150	160	160	-	-	-	-	-	-
	Drill-20	15,0	✓	29	-	-	-	-	250	250	250	-	-	-
	Drill-32 / Drill-32L	19,5/ 22,0	-	29	-	-	-	-	250	320 [2]	320 [2]	320 [2]	300 [2]	-
	Drill-45 / Drill-45L	26,5/ 28,0	-	29	-	-	-	-	-	350	350	400	300	500

[1] for continuous operation we recommend to use 80% of maximum drilling diameter
[2] with optional spacer
[3] **notably recommended combination**

SELECTION GUIDELINE FOR DRILL STANDS XPERT-SERIES

					drilling motors										
					DDM-350	BDK 33	BDK 4E	BDK 4ES	BDK 45E	BDK 25	BDK 38	BDK 65	BDK 68	BDK 75S	BDK 75
		power	[kW]		3,2	3,2	3,9	3,9	5,2	3,7	3,7	7,5	7,5	7,5	7,5
		voltage	[V]		230	230	400	400	400	230	230	400	400	400	400
		weight	[kg]		12,8	11,9	19,0	19,0	22,9	14,7	16,5	18,3	16,5	19,5	19,5
	weight			page	25	34	35	35	35	34	34	35	35	35	35
	[kg]				maximal diameter of drilling [1]										
	Drill-35	≈ 13,5		31	350 [2]	350 [2]	-	-	-	350 [2]	350 [2]	-	-	-	-
drill stands Xpert-series	Drill-50	≈ 21,0		31	350	350	400 [2]	300	500 [2]	370 [2]	400 [2]	-	-	-	-
	B-25	16,0		30	350 [2]	350 [2]	350 [2]	300 [2]	-	350 [2]	350 [2]	-	-	-	-
	B-40	26,0		30	350	350	400 [2]	300	500 [2]	370	400 [2]	500 [2]	350	-	-
	B-60	37,0		30	-	-	400 [2]	300	500 [2]	-	400 [2]	500 [2]	350	630 [2]	-
	B-100	65,0		30	-	-	-	-	500	-	-	500	350	630 [2]	900 [2]

[1] for continuous operation we recommend to use 80% of maximum drilling diameter
[2] with optional spacer
[3] **notably recommended combination**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

ELECTRIC DRILL MOTORS 230 V

DK 11

compact and light weight drill motor for freehand or drill rig use and drilling diameters from Ø10 mm to Ø30 mm

- with Intellitronik (electronic regulation, initial current regulation, electronic overload protection)
- with transport box and toolset
- with handle bar and additional handle
- with CEE 1h plug
- PRCD serial



DK 08
DK 09

powerful drill motors DK 08 and DK 09 for bores up to Ø150 mm in concrete and up to Ø200 mm in masonry **(DK 08 for wet drilling, DK 09 for wet- and dry drilling)**

- simple dry drilling without external devices (DK09)
- overload protection by Intellitronik
- 2 integrated spirit levels
- practical accessories box
- PRCD serial

DK 18

compact and light weight drill motor for drill rig use and drilling diameters up to Ø160 mm

- with Intellitronik (electronic regulation, initial current regulation, electronic overload protection)
- with CEE 1h plug
- PRCD serial



DK 16
DK 17

powerful but compact and light weight drill motor for freehand or drill rig use, for drillling diameters up to Ø160 mm **(DK 16 for wet drilling, DK 17 for wet- and dry drilling)**

- with Intellitronik (electronic regulation, initial current regulation, electronic overload protection)
- with transport box and toolset
- with handle bar and additional handle
- with PRCD and Schuko plug
- with anti friction ring (DK 17)



with suction for dry drilling

		DK 11	DK 08	DK 09	DK 1803	DK 1603	DK 17
drilling diameter	[mm]	10-30	30-150			20-160	
spindle		½"	½"+1¼"	1¼"	½"+1¼"	½"+1¼"	½"+1¼"
gears		1	2	2	3	3	3
rotation speed	[min^{-1}]	6500	540/1700		540/1200/2520		
motor		1,6 kW 230 V	1,8 kW 230 V		2,0 kW 230 V		
slipping clutch		yes	yes	yes	yes	yes	yes
clamping diameter	[mm]	60	60	60	60	60	60
weight	[kg]	5,5	4,9	5,2	5,3	5,9	5,9
Price with PRCD and Schuko plug	**[€]**	**1.180,00**	**980,00**	**1.030,00**	**1.290,00**	**1.300,00**	**1.420,00**
drill guide with water collecting ring							
Ø16 - 34mm NL 200mm or NL 300mm	[€]	240,00	-	240,00	-	240,00	240,00
Ø32 - 80mm NL 200mm or NL 300mm	[€]	-	-	260,00	-	260,00	260,00

PIVOT SPIKE AS 13

Easy and precise start of drilling



type	Length of drill bit
AS 13.200	200 - 220 mm
AS 13.300	300 - 330 mm
AS 13.400	400 - 430 mm
Price	**102,00 €**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

ELECTRIC DRILL MOTORS 230 V



BDK 26 powerful 2,6 kW / 230 V motor for drilling diameters up to Ø250 mm

BDK 33 powerful 3,2 kW / 230 V drill motor for drilling diameters up to Ø350 mm

- overload protection by Intellitronic
- with PRCD and Schuko plug
- 3 gears
- with anti friction ring



BDK 25 water cooled 230 V SR-motor with sufficient power reserves and 6 electronic rotation speeds for bores up to Ø370 mm

BDK 38 water cooled 230 V SR-motor with large power reserves, 3 gears and 6 electronic rotation speeds for an exceptionally wide range of drilling diameters Ø40 - 400 mm

- extremely powerful due to 3,7 kW / 230 V SR-power
- no carbon brushes and collector
- low maintenance
- electronic control of rotation speed
- 6 electronic gears with LED-displaying of drilling diameter (BDK 25)
- 6 electronic gears with LED display x 3 gears results in 18 rotation speeds (BDK 38)
- change of rotation speed (electronic) while running engine
- multi-level overload protection
- service indication
- soft Turn: slow rotation speed for tool mounting
- with Schuko-plug
- anti friction ring
- **BDK 25-BA and BDK 38-BA with built-in control system for automatic feed unit BA-50**



Display with control panel of SR-motors

SR-technology



BDK 25

SR-technology



BDK 38

		BDK 26	BDK 33	BDK 25	BDK 38
drilling diameter	[mm]	40 - 250	55 - 350	80 - 370	40 - 400
spindle		1¼"	1¼"	1¼"	1¼"
gears		3	3	6 (electronic)	18 (3 mechanical x 6 electronic)
rotation speed	[min^{-1}]	320/630 /980	230/480 /720	230-570	175-1370
motor		2,6 kW 230 V	3,2 kW 230 V	3,7 kW 230 V	3,7 kW 230 V
slipping clutch		yes	yes	yes	yes
weight	[kg]	11,6	11,9	14,7	16,5
Price with PRCD [1] and Schuko-plug	**[€]**	**1.600,00**	**1.820,00**	**2.500,00**	**2.720,00**
Price of SR-motors with built-in control system for automatic feed unit BA-50		**-**	**-**	**BDK 25-BA 2.780,00**	**BDK 38-BA 3.000,00**

[1] BDK 26 / BDK 33 only

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

ELECTRIC DRILL MOTORS 400 V

BDK 4E

powerful, water cooled 3,9 kW / 400 V drill motor for drilling diameters up to Ø400 mm

BDK 4E S

powerful, water cooled, high speed 3,9 kW / 400 V drill motor for drilling diameters up to Ø300 mm

BDK 45E

powerful, water cooled 5,2 kW / 400 V drill motor for drilling diameters up to Ø500 mm

NOW WITH NEW FUNCTIONS:
- LED load indication
- phase monitoring for more safety
- monitoring of rotation direction
- improved motor protection by temperature sensor in winding
- electronic soft-start



BDK 65

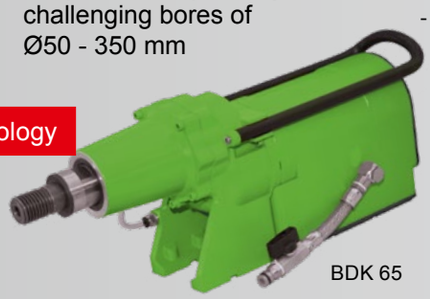
water cooled 400 V SR-motor with sufficient power reserves and 6 electronic rotation speeds for bores up to Ø500 mm

- extremely powerful due to 7,5 kW SR-power
- no carbon brushes and collector
- electronic control of rotation speed
- 6 electronic gears with LED-displaying of drilling diameter (BDK 65)
- 6 electronic gears with LED display x 3 gears results in 18 rotation speeds (BDK 68)
- change of rotation speed while running engine
- multi-level overload protection
- service indication
- soft Turn: slow rotation speed for tool mounting
- **BDK 65-BA and BDK 68-BA with built-in control system for automatic feed unit BA-50**

BDK 68

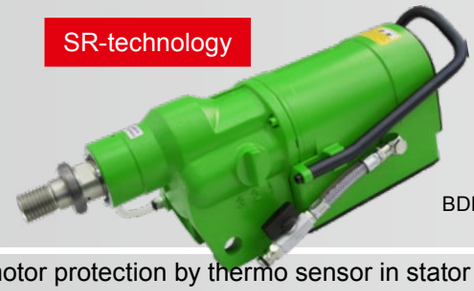
water cooled 400 V SR-motor with essential power reserves, 3 gears and 6 electronic rotation speeds for deep and exceptionally challenging bores of Ø50 - 350 mm

SR-technology



BDK 65

SR-technology



BDK 68

BDK 75

extreme powerful, water cooled 7,5 kW / 400 V SR-drill motor for drilling diameters up to Ø900 mm

- motor protection by thermo sensor in stator windings, low voltage release and integrated power electronic
- 3 gears and 5 motor rotation speeds = 15 working speeds
- with oil-bath lubrication
- anti friction ring

BDK 75S

extreme powerful, water cooled 7,5 kW / 400 V SR-drill motor for drilling diameters up to Ø800 mm

SR-technology



		BDK 4E	BDK 4E S	BDK 45E	BDK 65	BDK 68	BDK 75S	BDK 75
drilling diameter	[mm]	70-400	50-300	110-500	120-500	50 - 350	120-800	150-900
spindle		1¼"	1¼"	1¼"	1¼" or M33/3	1¼" or M33/3	M33/3	M33/3
gears		3	3	3	6 (electronic)	18 (3 mechanical x 6 electronic)	15 (3 mechanical x 5 electronic)	15 (3 mechanical x 5 electronic)
rotation speed	[min^{-1}]	160/310/490	230/460/720	130/260/410	140-305	205-1370	75-460	60-360
motor		3,9 kW 400 V		5,2 kW 400 V	7,5 kW 400 V, 15 A		7,5 kW 400 V, 15 A	
slipping clutch		yes	yes	yes	yes	yes	yes	yes
weight	[kg]	19,0	19,0	22,9	18,3	16,5	19,5	19,5
Price	**[€]**	**2.170,00**	**2.170,00**	**2.400,00**	**3.220,00**	**3.220,00**	**3.500,00**	**3.500,00**
Price of SR-motors with built-in control system for automatic feed unit BA-50					**BDK 65-BA 3.500,00**	**BDK 68-BA 3.500,00**	-	-
Adapter M33/3 → 1¼"	**[€]**	-	-	-	**62,00**	**62,00**	**62,00**	**62,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

WET/DRY CLEANER WITH INTEGRATED SLURRY PUMP NT-80P

Powerful vacuum cleaner for wet or dry applications with 80 liter stainless steel tank, integrated slurry pump for continuous disposal of slurry and with extensive wet and dry accessories kits in scope of delivery

- 2 high-performance motors with total 2,3 kW power enable airflow of 360 m³/h
- special by-pass motors ensure rapid cooling in case of overheating
- motor housing with noise protection screen
- reliable and maintenance free immersion slurry pump
- aluminum cast suction inlet Ø80 mm with quick coupling system (adapters for hoses Ø40-80 mm available on request)
- steel frame with special anti-corrosive epoxy-coating
- 4 wheels (2 swivel type, 1 with brake) for easy transportation
- indicator for hose blocking / filter clogging
- filter for dry dust with self cleaning system, which shakes off the dust each time the vacuum is switched off



Included in scope of delivery:

- **accessory kit:** Ø80 / 50 mm hose adapter, 3 m of Ø50 mm PVC flexible hose, aluminum flat nozzle, PVC floor brush
- **wet kit:** floater for motor protection against overfloating, nylon filter for protection of floater and motors from solid materials
- **dry kit:** double bag type nylon/polyester sandwich filter (3 µm, class L) for optimal air cleaning and long life

		NT-80P
motor		2,3 kW; 230V; 50 Hz
vacuum rate	[bar]	0,25
air flow	[m³/h]	360
filter surface (bag filter)	[m²]	0,8
tank capacity	[l]	80
suction inlet	[Ø, mm]	80/50
noise level	[dB(A)]	73
length	[mm]	500
width	[mm]	480
height	[mm]	1080
weight	[kg]	42
Price	**[€]**	**2.390,00**

WATER SUPPLY TROLLEY WT-50-1

Large portable cistern with shock-resistant 50 liter plastic tank, built-in battery driven pump and transport wheels for water supply of core drilling machines.

Compared with usual manual 10 liter water supply vessels the WT-50 saves more than 50% of time for water supply on construction sites. Can be used for reduction of dust exposure from different cutting machines (floor saws, hand saws etc.)

- extra large volume of 50 liters for continuous operation without interruptions
- 12 V battery with charger and charge indicator
- up to 8 hours operating time with fully loaded battery
- integrated immersion pump 19 l/min; 0,85 bar with built-in battery
- large transport wheels
- 6 m hose with Gardena-coupling
- foldable for easy transport

		WT-50-1
tank volume	[l]	50
hose length	[m]	6
charging time of battery	[h]	≈ 10
charging voltage of battery	[V]	230
operating time	[h]	≈ 8
water flow	[l/min]	19
dimensions LxWxH	[mm]	650x500x750
empty weight	[kg]	32
Price	**[€]**	**990,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

ACCESSOIRES



STARTER KIT WITH ACCESSORIES BOX

Stable metal carrying case with complete accessories for core drilling machines (5 m water hose with connectors, hammer, dowel tool M12, 50 anchor bolts M12 (Ø 16 mm), thread rod with big screw nut, 5 copper rings, screw-wrenches 24, 32 and 41 mm, folding rule and pencil)

	Starter kit
Price [€]	**240,00**

VP-850 NEW

compact vacuum pump with 2,5 l tank and powder coated housing

NEW! Now with water ingress protection

DSVGP NEW

vacuum basic plate made of aluminium casting with air valve for release and thread rod with screw nut

		VP-850	DSVGP
power	[kW]	0,2 kW, 230 V	-
air flow	[l/min]	100	-
tank capacity	[l]	2,5	-
length	[mm]	350	425
width	[mm]	220	335
height	[mm]	280	160
weight	[kg]	10	5
Price	**[€]**	**1.170,00**	**290,00**



QUICK FASTENING SUPPORT SP1

quick fastening support SP1 up to 3150 mm



		SP1
length min.	[mm]	1700
length max.	[mm]	3150
Price	**[€]**	**340,00**

NL 3/70 T/N

robust and powerful wet/dry cleaner with stainless steel container, incl. 2,5 m hose and accessories



		NL 3/70 T/N
power	[kW]	3 x 1,1 kW, 230 V
air flow	[l/min]	9000
capacity	[l]	70
length	[mm]	470
width	[mm]	470
height	[mm]	1060
weight	[kg]	22
Price	**[€]**	**890,00**

WBK III

10 l plastic water supply vessel with safety valve

WBM II

10 l metal water supply vessel with manometer and safety valve

		WBM II	WBK III
capacity	[l]	10	10
length	[mm]	220	200
width	[mm]	220	200
height	[mm]	600	580
weight	[kg]	5,5	2,9
Price	**[€]**	**220,00**	**98,00**



WBM II

WBK III

FI 400

FI-Box in hard rubber case with 1 x 32A 6h, 1 x 16A 6h and 2 x Schuko

FI 230

FI-Box in hard rubber case with 1x CEE 1h and 3x Schuko



		FI 230	FI 400
weight	[kg]	2,8	3,0
Price	**[€]**	**on request**	**on request**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

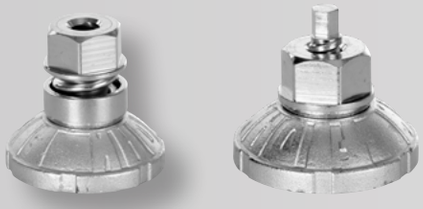
ACCESSORIES FOR DIAMOND CORE DRILLING MACHINES

Other accessories are available on request



	accessories	Price [€]
1	anchor bolt M12, type Rawel	**3,50**
2	standard anchor bolt Ø16xM12 (50 pcs)	**22,00**
3	heavy load anchor (various types)	**on request**
4+5 +9	Set FDBB consists of spindle-bolt FDBB, big screw nut and 25 pieces anchor bolt FDBB 16/50	**98,00**
5	anchor bolt FDBB 16/50 (25 pcs.)	**60,00**
6	dowel tool M12	**15,00**
7	thread rod M12	**10,00**
7+8	thread rod M12 with hexagon nut M30	**17,20**
7+9	thread rod M12 with big screw nut	**18,60**
10	copper rings (100 pcs)	**99,00**

K50MF K50M



special accessories joint nut	Price [€]
K50M - nut with swivel joint	**58,00**
K50MF - nut with swivel joint and spring	**110,00**

NUT WITH SWIVEL JOINT

- compensates the inclination of the thread rod
- fits to all thread rods
- reduces the risk of breakage of the thread rod
- allows the exact positioning of drill rigs with minimal force (only design with integrated spring)

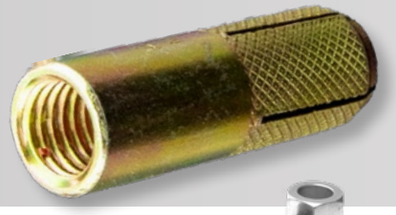
NEW



anchor Bolt

Ø16xM12 with grooving

NEW



anchor bolt Ø16xM12 quantity	Price [€]
50	26,00

ADAPTERS
for diamond core drills

Other accessories are available on request



adapters				Price [€]
1 ¼“	M	r ½“	M	22,00
		M 38	Z	48,00
1 ¼“	Z	r ½“	Z	22,00
		M 38	M	45,00

M = Sleeve Z = Pivot

extensions
for diamond core drills

Other accessories are available on request



[mm]	extensions 1 ¼“ SW41 Price [€]	½“ SW22 Price [€]
100	19,00	20,00
200	25,00	24,00
300	33,00	28,00
400	40,00	34,00
500	48,00	42,00

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

SEGMENTS / ACCESSOIRES

SB-SP ★★★★★
- **Super premium** segments
- **segment height 9 mm**
- **roof top** segments Ø 50 - 225 mm
- for hard reinforced concrete, natural stone, refractory materials

SA-P / SG-P ★★★★
- **Premium** segments
- **segment height 9 mm**
- **roof top** segments Ø 50 - 225 mm
- SA-P asphalt and masonry
- SG-P natural stone

SB-S RAPID ★★★
- **Universal segments for many applications**
- **segment height 12 mm**
- roof top segments
- reinforced concrete, building materials

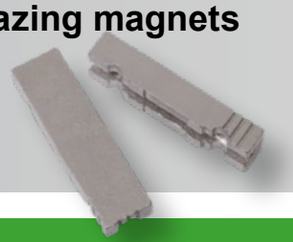
SB-S D90 ★★★
- **Standard** segments
- **segment height 9 mm**
- **roof top** segments (except 20x5,0x9 mm)
- concrete (reinforced), masonry



Ø [mm]	segment- lenght [mm]	width [mm]	heigth [mm]	SB-S D90 Price [€]	SB-S Rapid Price [€]	SB-SP SA-P SG-P Price [€]
25/35	17	3,0	7	-	-	7,30
50/60/70/80/ 100/120	24	3,5	9 (12 [1])	3,50	5,30	7,40
80/100/120	24	4,0	9	-	-	8,00
150/200	24	4,0	9 (12 [1])	3,70	5,60	8,00
150/200	24	4,5	9	-	-	8,50
150/200	24	5,0	9	-	-	9,10
300	24	4,5	9 (12 [1])	3,90	6,00	-
straight from 250	20	5,0	9	3,90	-	8,50
straight from 250	20	5,5	9	-	-	9,30

[1] 12 mm segment height for segments SB-S Rapid

Brazing magnets



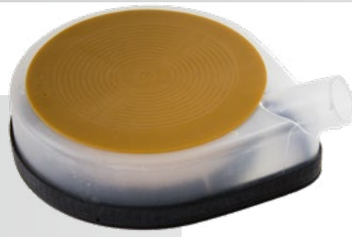
- double sided magnets for the brazing of core drills with defined segment overhang
- **LM1** overhang 0,5 mm (no chamfer) overhang 1,25 mm (3 chamfers)
- **LM2** overhang 0,75 mm (1 chamfer) overhang 1,0 mm (2 chamfers)

		LM1	LM2
weight	[g]	45	45
Price	**[€]**	**28,00**	**28,00**

UNIVERSAL WATER COLLECTING RINGS WSR

for collecting of drilling slurry up to drilling diameter Ø100 mm (WSR100), Ø150 mm (WSR150), Ø200 mm (WSR200), Ø250 mm (WSR250), Ø300 mm (WSR300) and Ø350 mm (WSR350)

WSR ring with rubber membrane





- **no additional fixation necessary**
- **applicable independent of the drill rig**
- attaches itself by vacuum generated by vacuum cleaner
- **NEW: now with better optical control, thanks to a transparent version**
- essential time saving for mounting operation
- minimizes the slurry´s dispersions

NEW! Diameters up to Ø1000 mm available on request

Water collecting rings	Price WSR [€]	Price WSR rubber membrane [€]
water collecting ring WSR 100	**88,00**	**28,00**
water collecting ring WSR 150	**100,00**	**32,00**
water collecting ring WSR 200	**114,00**	**38,00**
water collecting ring WSR 250	**132,00**	**44,00**
water collecting ring WSR 300	**146,00**	**52,00**
water collecting ring WSR 350	**160,00**	**58,00**
Spare rubber seal 1,0 m	**30,00**	-
Adhesive tape 1,5 m (for fixation of membranes)	-	**24,00**



WSR rubber membrane

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DIAMOND DRILL BITS

BETON SP

★★★★★

- **Super premium** diamond core drill
- **segment height 9 mm**
- **roof top** segments Ø50 - 225 mm
- for hard reinforced concrete, natural stones, refractory materials

Standard working length: 450mm



ASPHALT P/ GRANIT P

★★★★

- **Premium** diamond core drill
- **segment height 9 mm**
- **roof top** segments Ø50 - 225 mm
- Asphalt P asphalt and masonry
  Granit P natural stone

NEW

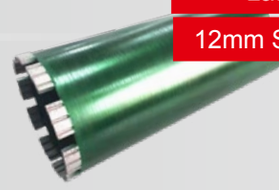
RAPID DRILL

★★★★

- connection 1 1/4“; effective length 450 mm
- **segment height 12 mm**
- **laser welded**
- reinforced concrete, building materials

Laser welded

12mm Segment height



All other diameters and working lengths are available upon request!!!

Ø	segment					Beton SP Asphalt P Granit P		core drill tubes	surcharge for extra length
	length	width	amount				retipping [2]		per 100 mm
[mm]	[mm]	[mm]	A-P [pcs]	G-P [pcs]	SP [pcs]	Price [€]	Price [€]	Price [€]	Price [€]
25 [1]	17	3,0	3	3	-	46,50	40,00	21,00	6,20
35 [1]	17	3,0	4	4	-	64,00	55,00	29,00	6,20
40 [1]	17	3,0	5	4	-	104,00	67,00	34,00	6,20
52	24	3,5	5	4	5	118,00	79,00	36,00	6,20
62	24	3,5	6	4	5	130,00	94,00	42,00	9,30
72	24	3,5	7	5	6	132,00	108,00	42,00	9,30
82	24	3,5	7	5	6	136,00	110,00	44,00	9,30
92	24	3,5	8	6	7	152,00	121,00	48,00	9,30
102	24	3,5	9	7	8	176,00	134,00	52,00	9,30
107	-	-	-	-	-	-	-	-	-
112	24	3,5	9	7	8	194,00	142,00	58,00	12,30
122	24	3,5	10	8	9	208,00	156,00	60,00	12,30
132	24	3,5	10	8	9	218,00	159,00	69,00	12,30
142	24	4,0	10	8	10	268,00	175,00	100,00	15,40
152	24	4,0	11	9	10	248,00	187,00	80,00	15,40
162	24	4,0	12	10	11	276,00	207,00	88,00	15,40
172	24	4,0	12	10	11	278,00	211,00	95,00	18,40
182	24	4,0	13	11	12	292,00	225,00	99,00	18,40
200	24	4,0	14	12	13	314,00	243,00	107,00	21,50
225	24	4,0	15	13	14	448,00	294,00	198,00	37,20
250	20	5,0	18	16	18	514,00	345,00	210,00	37,20
257	20	5,0	18	16	18	564,00	348,00	250,00	39,60
300	20	5,0	22	20	22	610,00	423,00	250,00	43,20
350	20	5,0	24	-	24	708,00	454,00	298,00	50,40
400	20	5,0	26	-	26	784,00	548,00	340,00	63,60
450	20	5,0	28	-	28	946,00	607,00	458,00	70,80
500	20	5,5	28	-	28	1080,00	655,00	570,00	79,20
600	20	5,5	30	-	30	on request			
700	20	5,5	35	-	35				
800	20	5,5	40	-	40				
900	20	5,5	45	-	45				
1000	20	5,5	50	-	50				

Rapid Drill connection 1 1/4“		
Ø	Segment amount	Length: 450mm
[mm]	[pcs.]	Price [€]
52	5	64,00
62	6	73,00
72	7	86,00
82	7	92,00
92	8	108,00
102	9	117,00
107	10	125,00
112	10	132,00
122	10	138,00
132	11	156,00
142	-	-
152	12	179,00
162	12	194,00
172	-	-
182	13	210,00
200	14	281,00

[1] segment height 7 mm, no roof top segment

standard length 450 mm
machine power 1-20 kW
Standard connection r1/2“, 1 1/4“,
BBT, M38, 3 holes and 6 holes on request

[2] after returning of used core drill.

Further dimensions and segment specifications such as turbo-segments or thin segments are available on request.

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DIAMOND DRILL BITS

TBK

★★★★★

- **Premium** dry core drill for dry drilling
- **segment height 9 mm**
- **roof top** segments up to Ø225 mm
- for masonry, artificial sandstone, abrasive materials

DL-B

★★★★

- thin walled core drills with ring segments
- **premium concrete**
- reinforced concrete, masonry

DL-E

★★★

- thin walled core drills with ring segments
- **premium universal**
- for universal use



Ø [mm]	segment length [mm]	segment width [mm]	segment amount	TBK connection: 1 1/4" length: 400 mm Price [€]	TBK connection: Geißler & Kuper length: 400 mm Price [€]	TBK retipping [1] Price [€]
40	17	3,0	3	79,00	-	47,00
52	24	3,5	3	102,00	134,00	57,00
62	24	3,5	3	111,00	136,00	60,00
72	24	3,5	4	113,00	149,00	73,00
82	24	3,5	4	123,00	164,00	74,00
92	24	3,5	4	133,00	184,00	76,00
102	24	4,0	5	150,00	198,00	89,00
112	24	4,0	5	161,00	225,00	93,00
122	24	4,0	5	163,00	235,00	98,00
132	24	4,0	5	175,00	255,00	99,00
142	24	4,0	5	213,00	273,00	111,00
152	24	4,0	6	218,00	289,00	125,00
162	24	4,0	6	220,00	310,00	138,00
172	24	4,0	6	232,00	330,00	139,00
182	24	4,0	7	241,00	345,00	147,00
200	24	4,0	8	268,00	385,00	195,00
225	24	4,0	9	404,00	on request	236,00
250	20	5,0	14	494,00	on request	307,00

[1] after returning of used core drill.

other dimensions are available on request

Ø [mm]	DL-E 2,5 mm Price [€]	DL-B 2,5 mm Price [€]	DL-B retipping [1] 2,5 mm Price [€]
10	77,00	96,00	65,00
12	82,00	100,00	67,00
14	83,00	102,00	70,00
16	84,00	104,00	72,00
18	85,00	105,00	74,00
20	87,00	108,00	77,00
22	88,00	109,00	82,00
24	89,00	110,00	85,00
26	90,00	113,00	90,00
28	91,00	117,00	93,00
30	92,00	118,00	95,00
32	95,00	119,00	100,00
34	96,00	-	-
36	100,00	122,00	111,00
38	108,00	-	-
40	110,00	-	-

[1] after returning of used core drill

standard length 400 mm
machine power up to 3,3 kW,
connection r1/2", 1 1/4"

other dimensions are available on request

DLR-B

★★★★

- thin ring segments
- **premium concrete**
- concrete (reinforced), masonry

DLR-E

★★★

- thin ring segments
- **premium universal**
- for all purposes



Ø [mm]	DLR-E 2,5 mm Price [€]	DLR-B 2,5 mm Price [€]
10	21,00	-
12	22,00	45,00
14	23,00	47,00
15	24,00	48,00
16	25,00	49,00
18	26,00	50,00
20	27,00	51,00
22	29,00	52,00
24	37,00	53,00
25	41,00	58,00

other specifications are available on request

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

SWITCH DRILL BITS / CORE DRILLS FOR CERAMICS

SWITCH HOLE BIT SP-BETON LASER

For reinforced concrete

★★★★★



- **SuperPremium switch hole bit for reinforced concrete**
- laser welded segments with 10 mm segment height
- connection M16, effective length 60 mm
- slots in the top for use with the dust rotor
- designed for use with soft impact drilling motors
- **reinforced concrete**, high-strength sand-lime brick, masonry

DS-LB 2.0

★★★★

- **Premium switch hole bit**
- laser concrete
- for concrete (limited), high density artificial sandstone
- working length: 60mm



DS-LM 2.0

★★★★

- **Premium switch hole bit**
- laser masonry
- for masonry, artificial sandstone, poroton and bricks
- working length: 60mm

DUST ROTOR M18/M16



- for optimal dust collection from **SP-Beton Laser** switch hole bits
- suitable for Ø68 and Ø82 mm
- for drilling machines with M18 spindle (e.g. Milwaukee DD 2-160XE)
- incl. centering drill, conical
- connection for vacuum cleaner Ø25-35mm

	Dust Rotor M18/M16 [€]
Price	98,00

Image with switch hole bit (not included)

ACCESSORIES FOR SWITCH HOLE BITS



Ø [mm]	connection	SP-Beton Laser Price [€]	DS-LB 2.0 Price [€]	DS-LM 2.0 Price [€]
68	M16	110,00	45,00	43,00
82	M16	128,00	51,00	49,00

	Price [€]
SDS connection / M16 / tapered	24,00
SDS connection / M16 / with screw	24,00
hexagon connection / M16 / tapered	24,00
hexagon connection / M16 / with screw	24,00
center drill for connection with screw	8,40
center drill for SDS connection tapered	8,40

ADAPTOR M14 - HEXAGONAL BOLT

	adaptor
Price [€]	**25,00**



CERAM DRILL NT

	Ceram Drill NT
connection	M14 (Ø6-14 optionally with hexagon)
application	💧 ✕
machine	angle grinders
working height	10 mm
effective length	Ø6-14 mm 35 mm Ø20-110 mm 40 mm
materials	hard ceramics, fine stoneware, tiles, thin natural stone plates



Ceram Drill NT

Ceram Drill NT
with M14-connection
★★★★ 💧 ✕

Ø [mm]	Price [€]	
6	36,00	52,00 [1,2]
8	42,00	54,00 [1,2]
10	44,00	58,00 [1,2]
12	52,00	68,00 [1,2]
14	54,00	70,00 [1,2]
20	58,00	-
27	63,00	-
35	74,00	-
40	90,00	-
45	100,00	-
50	107,00	-
55	124,00	-
60	129,00	-
65	136,00	-
68	148,00	-
75	161,00	-
82	176,00	-
100	210,00	-
110	234,00	-
120	342,00	-

[1] with special wax filler - for better cutting speed and longer tool life
[2] optionally with hexagon shaft available

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

DRY DRILLING 4.0

CORE DRILLING MOTOR DDM-350T FOR WET AND DRY DRILLING

NEW

Extremely powerful core drilling motor with shiftable **soft-impact function for dry drilling in reinforced concrete** and other building materials with diameters Ø50-300 mm

- specially developed for wet and dry drilling in drill rig operation
- increased power of 3.2 kW adapted to the Dr. Schulze dry core bits
- soft impact for excellent drilling performance
- rotatable suction connection for comfortable working
- three-speed gearbox for wide drilling range Ø50-300 mm
- efficient dust extraction system ensures dust-free operation
- increased safety for operator, machine and tool due to overload clutch
- Intellitronics: starting current limiter, indication of overload operation, switch-off in case of permanent overload

Soft impact shiftable!



Wet and dry drilling in reinforced concrete and granite

NEW

		DDM-350T
drilling diameter	[mm]	50-300
connection		1¼“
motor		3,2 kW; 230 Volt
nominal rotation speed	[min^{-1}]	230/460/720
total length without handle	[mm]	≈ 560
weight	[kg]	13,5
Price	**[€]**	**2.160,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

CORE DRILLING MOTOR DKS 15

Thanks to the new harmonized products (machines + tools + accessories), dry drilling becomes an easy job even in heavily reinforced concrete!

NEW

CORE DRILLING MOTOR DKS 15/DKS 15.1

Compact and powerful core drilling motor with switchable soft impact function for dry drilling in reinforced concrete and other construction materials.

- increased power of 2 kW, adapted to the Dr. Schulze dry core bits
- soft impact mode for fast drilling and optimal dust extraction
- double-speed gearbox for wide drilling range
- efficient dust extraction system ensures dust-free working
- dust rotor quickly dismountable
- increased safety for the operator, machine and tool due to overload clutch
- intellitronics: starting current limiter, indication of overload operation, switch-off after permanent overload
- two integrated spirit levels for precise drilling
- scope of delivery: practical carrying case, tool set

DKS 15.1 with powder-coated aluminum housing

DKS 15 with impact-resistant plastic housing (only available in red)

DKS 15 / DKS 15.1 with comfortable pistol grip

DKS 15 SP / DKS 15.1 SP with spade handle for tight spaces

Soft impact can be switched on and off!



Version with spade handle: DKS15 SP / DKS15 SPL / DKS15 SPS

Version with pistol grip: DKS 15.1 / DKS 15.1 L / DKS 15.1 S

		DKS 15 DKS 15.1	DKS 15 L DKS 15.1 L	DKS 15 S DKS 15.1 S
nominal power	[W]	2000	2000	2000
output power	[W]	1340	1340	1340
rotation speeds	[min^{-1}]	700/1700	540/1200	900/1700
total length	[mm]	510	510	510
weight DKS 15/15.1	[kg]	5,8/6,4	5,8/6,4	5,8/6,4
drilling diameter:				
- drill stand mounted (concrete)	[mm]	30 - 150	40 - 180	30 - 100
- hand held (concrete)	[mm]	30 - 100	40 - 120	30 - 100
- hand held (masonry)	[mm]	30 - 180	40 - 200	30 - 120
spindle		1 1/4“	1 1/4“	1 1/4“
clamping diameter	[mm]	60	60	60
Price DKS 15	**[€]**	**1.210,00**	**1.210,00**	**1.210,00**
Price DKS 15.1	**[€]**	**1.290,00**	**1.290,00**	**1.290,00**

PIVOT SPIKE AS 13
Easy and precise start of drilling



Type	Drill bit length
AS 13.200	200 - 220 mm
AS 13.300	300 - 330 mm
AS 13.400	400 - 430 mm
Price	**102,00 €**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRY CORE BITS FOR REINFORCED CONCRETE

Drill bits TBK Beton SET 825

The segments of the dry core bits **TBK Beton SET 825** are produced according to the DRS-SET method and therefore have exactly positioned diamonds in the segment matrix. This technology ensures fast drilling progress even in reinforced concrete and other hard mineral building materials. Special spiral grooves on the surface of the drill bit help to remove the drill dust from the drill hole.



- DRS-SET dry core bits for reinforced concrete
- precisely positioned diamonds for maximum performance
- laser welded segments with 10 mm segment height
- designed for use with soft impact core drilling machines
- connection 1 ¼", effective length 300 mm
- reinforced concrete, exposed aggregate concrete, brick, clinker, hard sand-lime brick

IMPORTANT: Drill start (0-5 mm) without activated soft impact!

Ø [mm]	Segment- length [mm]	width [mm]	height [mm]	number	TBK Beton SET 825 Price [€]
32	16	3,4	10	4	129,00
42	16	3,4	10	4	130,00
52	20	3,4	10	5	140,00
62	20	3,4	10	5	155,00
72	20	3,4	10	5	170,00
82	20	3,4	10	6	172,00
92	20	3,4	10	6	180,00
102	20	3,4	10	7	190,00
112	20	3,4	10	7	194,00
122	20	3,4	10	8	212,00
132	20	3,4	10	8	236,00
142	20	3,4	10	8	338,00
152	20	3,4	10	8	360,00
162	20	3,4	10	9	394,00
182	20	3,4	10	9	408,00
202	20	3,4	10	10	500,00

Drill bits TBK SP-Beton Laser NEW

Thanks to their innovative segment specification and optimized shape, the new Dr. Schulze **TBK SP-Beton Laser** dry core bits ensure outstanding drilling speed even in **highly reinforced concrete** and are developed for use with soft impact core drilling machines.

- SuperPremium dry core bits for reinforced concrete
- laser welded segments with 10 mm segment height
- designed for use with soft impact core drilling machines
- connection 1 ¼", effective length 300 mm
- reinforced concrete, high-strength sand-lime brick, masonry

IMPORTANT: Drill start (0-5 mm) without activated soft impact!

For heavily reinforced concrete!



Ø [mm]	Segment- length [mm]	width [mm]	height [mm]	number	TBK SP-Beton Laser Price [€]
32	19	3,8	10	4	–
42	19	3,8	10	4	92,00
52	20	3,8	10	5	96,00
62	20	3,8	10	6	112,00
72	20	3,8	10	7	130,00
76	20	3,8	10	7	134,00
82	20	3,8	10	8	148,00
92	20	3,8	10	8	150,00
102	20	3,8	10	8	152,00
112	20	3,8	10	9	170,00
122	20	3,8	10	9	174,00
127	20	3,8	10	9	178,00
132	20	3,8	10	10	196,00
152	20	4,3	10	14	258,00
162	20	4,3	10	15	312,00
172	20	4,3	10	16	330,00
182	20	4,3	10	17	350,00
202	20	4,3	10	18	376,00
225	20	4,3	10	19	460,00

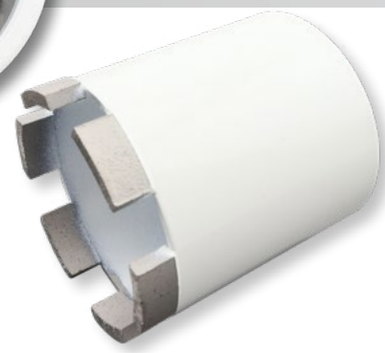
For optimal results and maximum drilling performance we recommend the use of our core bits **TBK SP-Beton Laser** and **TBK Beton SET 825** with the core drilling motors **DKS 15** and **DDM-350T** or equivalent core drilling machines with soft impact!

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

SWITCH HOLE BITS / ACCESSORIES

SWITCH HOLE BIT SP-BETON LASER





- **SuperPremium switch hole bit for reinforced concrete**
- laser welded segments with 10 mm segment height
- connection M16, effective length 60 mm
- slots in the top for use with the **Dust Rotor**
- designed for use with soft impact drilling motors
- reinforced concrete, high-strength sand-lime brick, masonry

Ø [mm]	SP-BETON LASER Price [€]
68	110,00
82	128,00

IMPORTANT:
Drill start (0-5 mm) without activated soft impact!

DUST ROTOR M18/M16



- for optimal dust collection from **SP-Beton Laser** switch hole bits
- suitable for Ø68 and Ø82 mm
- can be used with **1¼“ → M18 adaptor** on the **drilling motor DKS 15 and DDM-350T**
- for drilling machines with M18 spindle
- incl. centering drill, conical

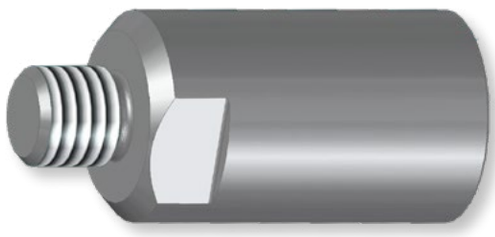
	DUST ROTOR M18/M16 [€]
Price	98,00

Image with switch hole bit
(not included)

ADAPTOR 1¼“ → M18

For using of **Dust Rotor M18/M16** with the **dry drilling motor DKS 15**
- the adapter is fixed on the 1¼” spindle of the drilling motor and takes with his M18 male thread the **Dust Rotor** with the hole switch bit
- big openings of the **Dust Rotor** ensure optimal dust extraction and required cooling of diamond segments

	Adaptor 1¼“ → M18 [€]
Price	130,00



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DR. SCHULZE GMBH
DIAMOND SOLUTIONS

Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

CORE DRILLING SPECIAL

PIPEDRILL PD500

PIPEDRILL PD500

Drill rig system for stone pipes

This device is designed for fixing a drill rig on pipes with an external diameter up to Ø630 mm with few acts and without fastenings.
On larger pipes this drilling system can be fastened with two included tension belts.



The complete system consists of:
- Device PipeDrill PD500
- 2 tension belts
- Drill rig B25PD or B-25 incl. carriage and motor adapter
- Drill motor BDK-33 or DDM-350 (not included in the set price)

- Mounting on all pipes with external diameter up to Ø630 mm without utilities and fastenings
- Option for fixation with tension belts
- Problem-free handling by one person
- Compact transport dimensions
- Inclined drilling up to 60° possible
- Transforming from pipe drill into a normal drill rig in a few minutes (optional with drill rig B-25)
- Adaptor for STIHL gasoline drilling engines available

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

PIPEDRILL PD500





BDK-33



B-25



		PipeDrill PD500
Pipe nominal diameter		DN250-500
Max. external pipe diameter for fixation with grapplers	[mm]	630
Max. external pipe diameter for fixation with tension belts	[mm]	860
Maximal drilling diameter	[mm]	300
Travel of carriage	[mm]	≈ 490
Drilling angle		max. 60°
Weight PD500 (without drill rig)	[kg]	18
Weight drill rig (without foot base)	[kg]	13
Device PipeDrill PD500 (without drill rig / without drill motor)	**[€]**	**990,00**
Drill rig B-25PD (Special version only for use with PD 500 / column shortened by 70 mm / carriage with additional brake / without foot base)	**[€]**	**1.410,00**
Drill rig B-25 (without foot base)	**[€]**	**1.410,00**
Drill rig B-25 (Standard device with foot base / can be used as pipe drill or as a normal drill rig)	**[€]**	**1.670,00**
Drill motor BDK33 incl. PRCD and SCHUKO-plug (3,2 kW; Ø 55 - 350 mm)	**[€]**	**1.820,00**
Adaptor for STIHL gasoline drilling engines	**[€]**	**182,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

JOINT CUTTERS

SWIVEL ARM GASOLINE FLOOR CUTTER FOR PROFESSIONAL USERS

FS-500 B-SA

The floor saw with Honda-gasoline-engine GX390 (9,6 kW / 13 hp) is especially characterized by its swivel arm as well as highest-quality components and is designed for cutting concrete and asphalt with diamond blades Ø500 mm up to a depth of 175 mm



VIDEO

		FS-500 B-SA
Ø cutting blade	[mm]	350/400/450/500
bore	[mm]	25,4
cutting depth	[mm]	100/125/150/175
motor		Honda GX390 (9,6 kW / 13 hp)
water tank	[l]	30
length	[mm]	1220
width	[mm]	550
height	[mm]	1020
empty weight	[kg]	120
Price	**[€]**	**3.990,00**



The swivel arm concept of the FS-500 B-SA ensures constantly low center of the gravity at any cutting depth, which leads to improved stability of the machine and enables faster and more accurate cuts comparing to conventional joint cutters.

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

UNIVERSAL FLOOR SAWS

FS-350 ECO-B FS-350 ECO-E230 FS-350 ECO-E400

New series of light and compact floor saws with optionally electric (2,2 kW / 230 Volt respectively 3,0 kW / 400 Volt) or gasoline drive (Honda GX270 / 8,4 hp) for cutting of asphalt or concrete up to 115 mm depth



FS-350 ECO-B / TRANSPORT



FS-350 ECO-E230 / TRANSPORT



FS-350 ECO-E400 / TRANSPORT

General technical features:

- selection of only European components (including motors)
- foldable handle allows transport of the machine in a passenger car
- floor saws with electric motors for indoor applications
- FS-350 ECO-B with Honda engine for road construction and other outdoor applications
- comfortable cutting depth adjustment by easily accessible hand wheel
- quickly removable water tank with practical carrying handle
- strong welded frame
- long wheelbase for better stability and straight cuts
- comfortable and fast replacement of cutting blades
- powder coated components for a long lifetime

VIDEO

		FS-350 ECO-B	FS-350 ECO-E230	FS-350 ECO-E400
Ø diamond blade	[mm]		350	
bore	[mm]		25,4	
cutting depth	[mm]		115	
motor		Honda GX 270 6,3 kW / 8,4 hp	2,2 kW / 230 V	3,0 kW / 400 V / 16 A
water tank	[l]		30	
length	[mm]		1090	
width	[mm]		560	
height / transport height	[mm]		1070 / 710	
empty weight	[kg]	75	65	70
Price	**[€]**	**2.490,00**	**2.490,00**	**2.490,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

FS-500 B / FS-500 E

This powerful professional floor cutter is optionally available with an electric drive (4.0 kW; 400 Volt) for working in closed rooms or with a petrol engine (Honda GX390; 9.6 kW) for outdoor applications. Many comfort options make working with the machine easier and more pleasant while ensuring high productivity and excellent cutting accuracy.



FS-500 B



FS-500 E

- **FS-500 B with Honda petrol engine for road construction and other outdoor applications**
- **FS-500 E with 4.0 kW electric motor for cutting work in closed rooms**
- **due to the special design, the handle height remains constant at any cutting depth**
- comfortable cutting depth indication
- good accessibility of all operating elements
- **ergonomically height-adjustable handle**
- large wheelbase for stable position and accurate cutting
- integrated water tank 30 liters with large refill opening
- connection directly to water line possible
- compact dimensions for easy transport
- powder-coated components for long service life

		FS-500 B	FS-500 E
Ø diamond blade	[mm]	500	
bore	[mm]	25,4 (1“), 1 NL Ø 12, TK 57,4	
cutting depth	[mm]	180	
motor		Honda GX 390 9,6 kW (13 hp)	4 kW, 400 V, 16 A, 50 Hz
length	[mm]	1220	
width	[mm]	605	
height	[mm]	1030	
weight	[kg]	115	118
Price	**[€]**	**2.990,00**	**2.690,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

ELECTRIC FLOOR SAWS

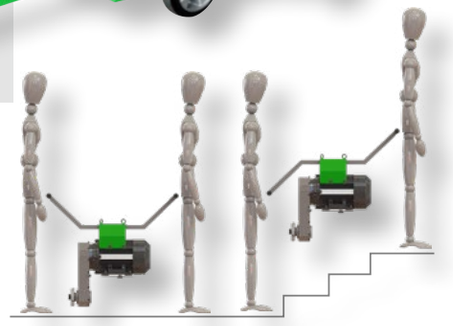
FS-800 LST

Completely new developed electric floor saw available in two versions (7,5 kW or 11,0 kW), designed for continuous operation under extreme conditions on construction sites for cutting depths up to 310 mm.
This floor saw is equipped with a hydraulic cutting depth adjustment system and can be dismounted into three parts within a few minutes for easier transport.

- high performance output from minimal weight
- **hydraulic stepless adjustment of the cutting depth**
- optimum weight distribution for highest cutting precision and fatigue-free operation
- **can be dismounted into 3 parts: motor (7,5 kW – 78 kg; 11 kW – 90 kg) + frame (≈ 93 kg) + blade guard (≈ 22 kg)**
- completely cased belt drive, dust and water protected
- comfortable belt tensioning ensures low maintenance demand
- **cutting from left or right side by simple motor rotation**
- front part of the blade guard can be opened for overcuts
- perfect access to all control elements
- ergonomically adjustable handle
- compact dimensions and jack rings for easy transport
- powder coated parts for long lifetime

VIDEO





NEW

		FS-800 EC	FS-800 LST 7,5	FS-800 LST 11
saw blade diameter	[mm]	800	800	800
bore	[mm]		25,4(1“) 1 NL Ø12 on Ø57,4	
cutting depth	[mm]	320	310	310
motor		7,5 kW 400 V; 16 A	7,5 kW; 400 V; 16 A	11,0 kW; 400 V; 32 A
length	[mm]	1420	1800	1800
width	[mm]	650	712	712
height	[mm]	1025	934	934
weight	[kg]	126	193	205
Price	**[€]**	**6.390,00**	**6.790,00**	**6.990,00**
Flush cutting kit	**[€]**	**1.190,00**	**–**	**–**

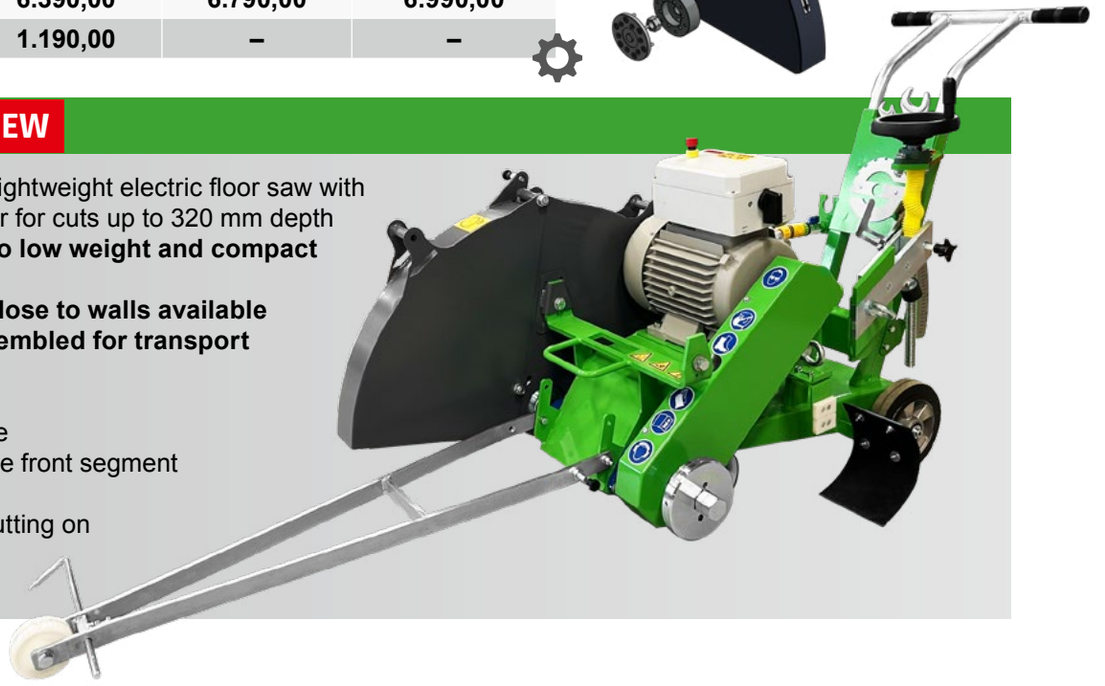


NEW!
Optional kit for flush cutting available!

FS-800 EC NEW

Compact and extremely lightweight electric floor saw with 7.5 kW three-phase motor for cuts up to 320 mm depth

- **high mobility thanks to low weight and compact dimensions**
- **optional set for cuts close to walls available**
- **can be quickly disassembled for transport into three parts**
- cutting depth indicator
- height-adjustable handle
- blade guard with foldable front segment for corner cuts
- simple conversion for cutting on right or left side



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

ELECTRIC FLOOR SAWS





FS-1000/FS-1200 EVH

VIDEO

FS-1000/FS-1200 MVH/EVH

Version 2.0

New generation of approved and powerful electric floor saws with 15 kW motor, hydraulic blade lifting system and electro-hydraulic feed (only EVH types) for cutting depth of up to 505 mm

- **self-driven by electro-hydraulic feed (FS-1000 EVH / FS-1200 EVH)**
- **simple and reliable manual feed system with hand wheel and chain drive (FS-1000 MVH / FS-1200 MVH)**
- hydraulic system for stepless cutting depth adjustment
- hand pump for emergency lifting of blade in case of power failure
- easy transformation for cutting from left and right side
- divisible blade guard can be opened for cuts in the wall
- crane eyes for comfortable transport
- powder coating of all components for longer life
- FS-1000 MVH / FS-1000 EVH for cutting depth 405 mm with blade Ø1000 mm
- FS-1200 MVH / FS-1200 EVH for cutting depth 505 mm with blade Ø1200 mm



FS-1000/FS-1200 MVH



		FS-1000 MVH	FS-1000 EVH	FS-1200 MVH	FS-1200 EVH
feed motion		manual	electro-hydraulic	manual	electro-hydraulic
Ø cutting blade	[mm]	1000		1200	
bore	[mm]	60		60	
cutting depth	[mm]	405		505	
motor		15 kW; 400 V; 32 A		15 kW; 400 V; 32 A	
length	[mm]	1400		1400	
width	[mm]	800		800	
height	[mm]	1200		1300	
weight	[kg]	≈360		≈370	
Price	**[€]**	**8.990,00**	**13.990,00**	**9.990,00**	**14.990,00**
Price conversion kit to FS-1200 (for cutting with Ø1200 mm blades)	**[€]**	**1.490,00**			

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

MULTI-PURPOSE CRACK AND JOINT CHASER DCS-200

DCS-200

The DCS-200 from Dr. Schulze due to its highest flexibility and wide range of accessories is optimally suitable for all repairing works on old concrete floors as well as for construction of the new joints.

The machine is available with various types of the main drive (electric 230 V or 400 V and gasoline driven by Honda GX390 engine) and therefore can be used indoor for private and industrial projects as well as outdoor for road construction.



APPLICATIONS

Cracks
chasing, chamfering, cleaning
Joints
cutting new joints, chamfering, reconstructing old joints, cleaning, removing old filler
Floor slabs
cutting, grooving

VIDEO

- strong and stable frame
- compact and handy design
- wide wheel base for more stability
- exact stepless cutting depth adjustment with indication
- integrated dust extraction outlet
- fixed wheels for straight cutting of new joints
- swivel wheels for crack chasing in scope of delivery
- optional flush cutting blade guard for cutting in corners
- wide range of accessories and tools for various applications



DCS-200-E230



DCS-200-E400



DCS-200-B

included in scope of delivery:

- fixed wheels for straight cutting
- swivel wheels for crack chasing
- blade guard DCS-BG200 (Ø200 mm) with suction outlet
- straight cut indicator



DCS-FC200



DCS-BG300

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

MULTI-PURPOSE CRACK AND JOINT CHASER DCS-200

		DCS-200-E230	DCS-200-E400	DCS-200-B
Ø tool	[mm]	180 / 200 / 300[1]	180 / 200 / 300[1]	180 / 200 / 300[1]
bore	[mm]	25,4	25,4	25,4
cutting depth[1]	[mm]	35 / 45 / 95[1]	35 / 45 / 95[1]	35 / 45 / 95[1]
motor		2,2 kW / 230 V	4,0 kW / 400 V	Honda GX390 / 9,6 kW
length[2]	[mm]	970	970	970
width[2]	[mm]	630	630	790
height[2]	[mm]	970	970	970
weight[2]	[kg]	67	75	82
Price	**[€]**	**3.790,00**	**3.990,00**	**4.890,00**

[1] with optional blade guard DCS-BG300 (for Ø300 mm)
[2] in standard configuration with blade guard DCS-BG200 (for Ø200 mm)

Accessories		
blade guard set DCS-BG300 (Ø300 mm)	[€]	930,00
NEW blade guard set for grooving cutting DCS-GS200[1] (Ø200 mm up to 32 mm cutting width)	[€]	990,00
NEW blade guard set for grooving cutting DCS-GS300[1] (Ø300 mm up to 32 mm cutting width)	[€]	1090,00
flush cut blade guard set DCS-FC200 (Ø200 mm)	[€]	990,00
Adaptor set for mounting of tools with thicker cores[2]	[€]	68,00

[1] Consisting of protective blade guard for wide cuts, long cutting shaft with accessories. Conversion of the standard machine can only be carried out in a specialist workshop.

[2] e.g. 14 mm width for 2 pcs. FF90 with guide blade, further dimensions on request

TOOLS FOR DCS-200

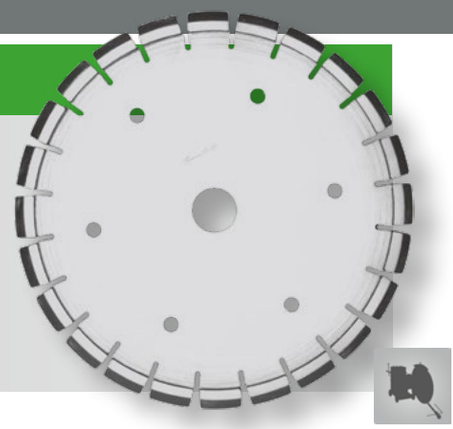
FF-90 for chamfering of expansion joints

- chamfer 90° **P 2-10 kW**
- segment height **5/12 mm**
- **Ø130, 150 mm dry cutting**
- **Ø230 mm wet cutting**
- concrete

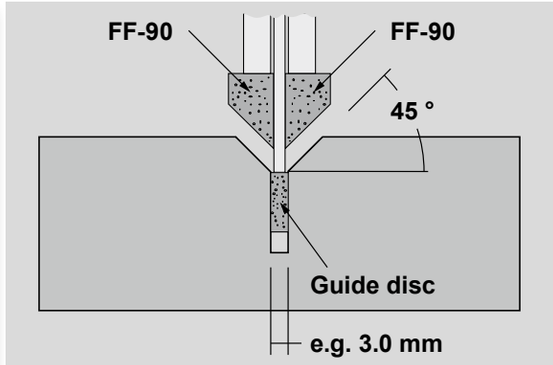
★★★★

FF-90		
Ø [mm]	Segment width [mm]	Price [€]
130[1]	7,0	180,00
150[1]	7,0	350,00
230	7,0	580,00

v_{max} 63 m/s
[1] Ø180 mm diamond blades can be used as guiding wheels









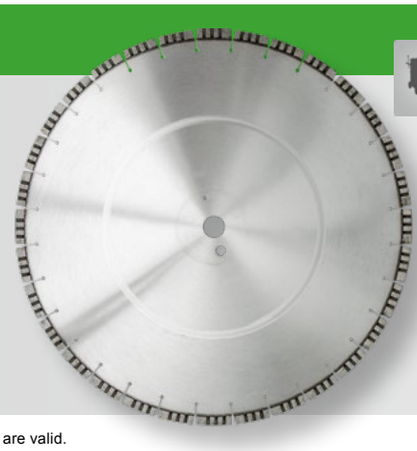
Diamond cutting blade Alligator S

for cutting of joints and chasing of thin cracks
- Alligator turbo segments
- narrow slots
- **segment height 10 mm**
- concrete (reinforced)

★★★★

Alligator S		
Ø [mm]	Segment width [mm]	Price [€]
180	2,4	43,00
200	2,4	81,00
300	2,8	106,00

Ø 180, 200 mm v_{max} 80 m/s
Ø 300 mm v_{max} 100 m/s



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

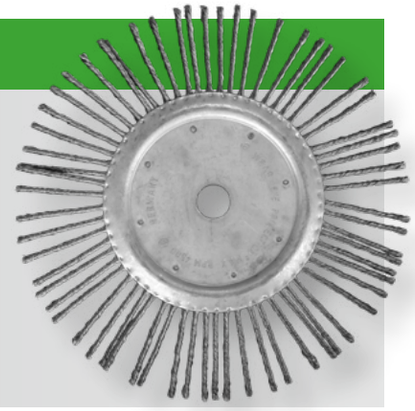
TOOLS FOR DCS 200

Steel brush DB

for cleaning of cracks and joints
- reinforced version
  for extra clean joints
- optimal for joints and crack
  cleaning before their repair

Steel brush DB		
Ø [mm]	Width [mm]	Price [€]
300	4,0	102,00
	6,0	110,00
	8,0	118,00
	10,0	132,00

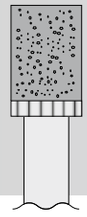
v_{max} 63 m/s

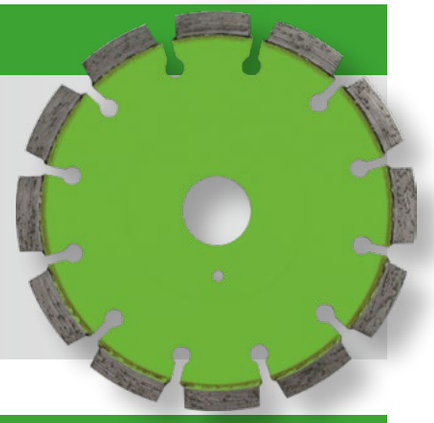


Tuck point chamfer TPB-B and TPB-A

for cutting of joints and chasing of thicker cracks
- TPB-B for old, hard concrete
- TPB-A for fresh concrete and asphalt
- laser welded for dry cutting
- segment height 10 mm

★★★★

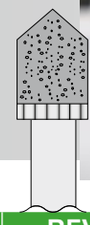




V-crack chaser RFV-B and RFV-A

for chamfering of joints and chasing of thicker cracks
- RFV-B for old, hard concrete
- RFV-A for fresh concrete and asphalt
- V-shape for chamfering of joint edges
- laser welded for dry cutting
- segment height 12,5 mm

★★★★







		TPB-B TPB-A	RFV-B RFV-A
Ø [mm]	Segment-width [mm]	Price [€]	Price [€]
180[1]	4,0	75,00	-
	6,0	96,00	114,00
	8,0	112,00	134,00
	10,0	131,00	156,00
	12,0	149,00	178,00
	16,0	183,00	220,00
200[1]	4,0	95,00	-
	6,0	121,00	142,00
	8,0	138,00	164,00
	10,0	160,00	190,00
	12,0	182,00	216,00
	16,0	221,00	264,00

v_{max} 80 m/s
[1] not suitable for all applications. The sufficiency of DCS-200 power for the application with the diamond tool on the requested material is to be approved.

		TPB-B TPB-A	RFV-B RFV-A
Ø [mm]	Segment-width [mm]	Price [€]	Price [€]
230[1]	4,0	107,00	-
	6,0	135,00	159,00
	8,0	156,00	185,00
	10,0	180,00	210,00
	12,0	206,00	245,00
	16,0	252,00	299,00

v_{max} 80 m/s
[1] not suitable for all applications. The sufficiency of DCS-200 power for the application with the diamond tool on the requested material is to be approved.

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DIAMOND BLADES FOR GASOLINE AND DIESEL FLOOR SAWS

NEW

All diamond blades on this page now with new wave-shaped segment geometry for full performance from the first cut!



ALP-S 10

★★★★★

up to Ø600 mm

- floor saws **P 10-25 kW**
- segment height **10 mm**
- **laser welded up to Ø600 mm**
- drop segments, wide slots
- asphalt and abrasive materials

ALT-S 10

★★★★

up to Ø600 mm

- floor saws **P 2-10 kW**
- **segment height 10 mm**
- **laser welded up to Ø600 mm**
- drop segments, wide slots
- asphalt and abrasive materials

A-B 10

★★★★

up to Ø600 mm

- floor saws **P 2-10 kW**
- **segment height 10 mm**
- **laser welded up to Ø600 mm**
- wide slots
- special designed for cutting **asphalt/concrete combinations**

BLP 10

★★★★★

up to Ø600 mm

- floor saws **P 10-25 kW**
- **segment height 10 mm**
- **laser welded up to Ø600 mm**
- wide slots
- concrete (reinforced)

BLS 10

★★★★

up to Ø600 mm

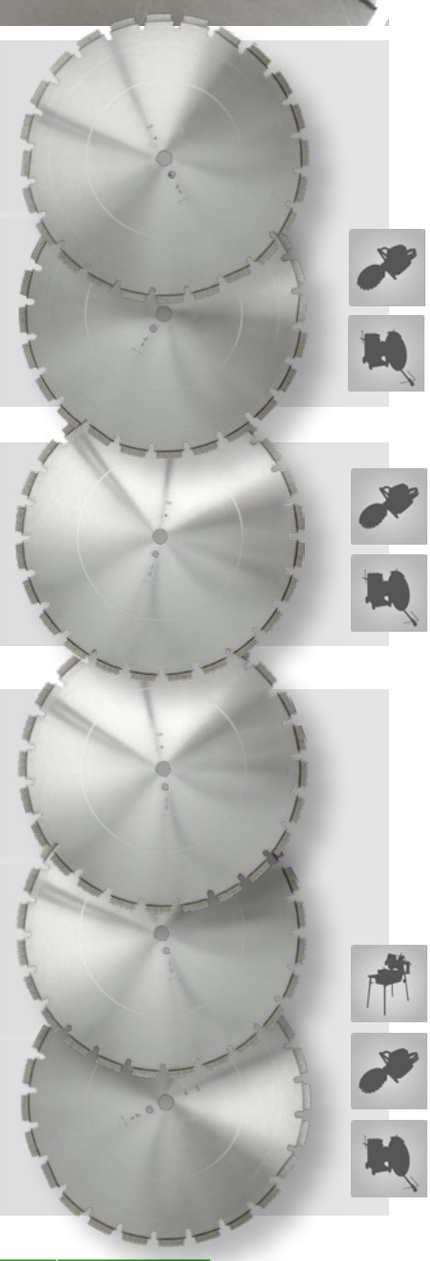
- floor saws **P 2-10 kW**
- **segment height 10 mm**
- **laser welded up to Ø600 mm**
- wide slots
- concrete (reinforced)

BLS-E 10

★★

up to Ø600 mm

- floor saws **P 2-10 kW**
- **segment height 10 mm**
- **laser welded up to Ø600 mm**
- wide slots
- concrete (reinforced)



Ø [mm]	Segment-width [mm]	A-B 10 Segment height 10 mm Price [€]	ALT-S 10 Segment height 10 mm Price [€]	ALP-S 10 Segment height 10 mm Price [€]	BLS-E 10 Segment height 10 mm Price [€]	BLS 10 Segment height 10 mm Price [€]	BLP 10 Segment height 10 mm Price [€]
300	2,8	166,00	122,00	175,00	103,00	118,00	160,00
350	3,0	206,00	150,00	218,00	124,00	146,00	198,00
400	3,3	268,00	217,00	298,00	178,00	210,00	238,00
450	3,6	318,00	262,00	335,00	218,00	256,00	290,00
500	3,8	392,00	320,00	413,00	266,00	312,00	354,00
600	3,8	478,00	395,00	502,00	327,00	385,00	437,00
700[1]	4,4	630,00	588,00	664,00	-	580,00	582,00
800[1]	4,4	692,00	713,00	726,00	-	702,00	708,00

Ø 300 - 400 mm v_{max} 100 m/s
Ø 450 - 800 mm v_{max} 63 m/s
[1] brazed type, wet cutting only

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

FRESH CONCRETE BLADES / MILLING TOOLS

FB-H1 ... FB-H5

★★★★

- floor saws **P 5-30 kW**
- **segment height 10 mm**
- protection segments, narrow slots
- green concrete, vacuum concrete
- H1 lowest hardness level
- H5 highest hardness level

FB-E1

★★★★

- floor saws **P 5-30 kW**
- **segment height 10 mm**
- hammer segments, narrow slots
- green concrete, vacuum concrete



available in 5 different hardness levels FB-H1 ... FB-H5

Ø [mm]	Segment-width [mm]	FB-E1 Segment height 10 mm Price [€]	FB-H1...5 Segment height 10 mm Price [€]
300	3,0	316,00	259,00
350	3,0	370,00	310,00
	3,3	390,00	-
400	3,3	459,00	-
450	3,3	534,00	-

Ø 300 - 450 mm v_{max} 63 m/s

NEW: with 10 mm Segment height!

RF-B

★★★★★

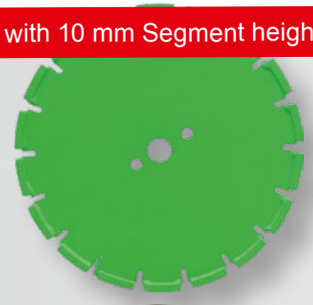
- slot milling cutter concrete
- floor saws **P 10-50 kW**
- **NEW: segment height 10 mm**

RF-LB

★★★

- chamfer grinder concrete
- **laser welded segments**
- narrow slots
- **segment height 6 mm**
- protection segments
- **floor saws up to 30 kW**

RF-B
RF-A



RF-A

★★★★★

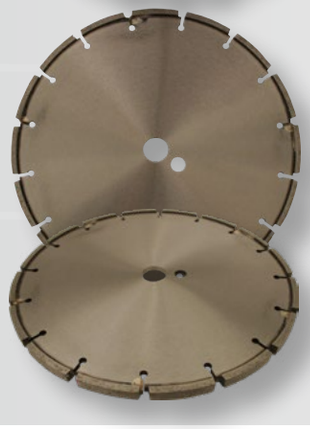
- slot milling cutter asphalt
- floor saws **P 10-50 kW**
- **NEW: segment height 10 mm**

RF-LA

★★★

- chamfer grinder asphalt
- **laser welded segments**
- narrow slots
- **segment height 6 mm**
- protection segments
- floor saws **up to 30 kW**

RF-LB
RF-LA



Ø [mm]	Segment-width [mm]	RF-A Segment height 10 mm Price [€]	RF-B Segment height 10 mm Price [€]
300	6,0	400,00	466,00
	8,2	516,00	642,00
	10,0	600,00	748,00
350	6,0	480,00	556,00
	8,2	620,00	725,00
	10,0	717,00	848,00
400	6,0	550,00	637,00
	8,2	707,00	830,00
	10,0	820,00	970,00

Ø 300 - 500 mm v_{max} 63 m/s
Slot milling cutters are offered in the diameters 300-500 mm with segment widths of 6,0-15,0 mm.
Other dimensions on request.

Ø [mm]	Segment-width [mm]	RF-LA RF-LB Segment height 6 mm Price [€]
300	10,0	402,00
350	6,0	390,00
	8,0	446,00
	10,0	494,00
	12,0	538,00
	15,0	596,00

Ø 300 - 350 mm v_{max} 63 m/s
Other dimensions on request.

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DIAMOND BLADES FOR HIGH-POWERED DIESEL FLOOR SAWS

ASPHALT ULTIMATE

★★★★★

- floor saws **P > 50 kW**
- **segment height 10 mm**
- special drop segments
- asphalt and abrasive materials

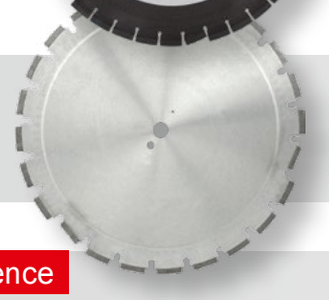
- extreme high tool life
- excellent cutting speed



ASP

★★★★

- floor saws **P 10-50 kW**
- **segment height 10 mm**
- drop segments, wide slots
- asphalt and abrasive materials

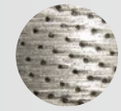


DRS-SET F26.1
DRS-SET F26.2

★★★★★



DRS-SET-System Dominance of excellence



High-performance diamond blades **DRS-SET F26.1** and **DRS-SET F26.2** for old concrete

- **DRS-SET-technology with predetermined distribution of diamonds**
- **laser-welded for heavy duty applications**
- F26.1 with narrow slots for excellent tool life
- F26.2 with special slots for excellent cutting speed
- **segment height 12 mm**
- for cutting of old concrete with powerful diesel floor saws

DRS-SET F26.1 for diesel floor saws >80 PS
DRS-SET F26.2 for diesel floor saws >50 PS

BE-BFT

★★★★★

- floor saws **P 30-80 kW**
- **segment height 10 mm**
- sandwich segments, **narrow slots**
- concrete (reinforced)

for fast cutting of hard aggregates

BW-BFT

★★★★★

- floor saws **P 10-50 kW**
- **segment height 10 mm**
- sandwich segments, **wide slots**
- concrete (reinforced), abrasive concrete



Ø [mm]	segment width [mm]	Asphalt Ultimate segment height 10 mm Price [€]	ASP segment height 10 mm Price [€]	BE-BFT segment height 10 mm Price [€]	BW-BFT segment height 10 mm Price [€]
500	3,6	653,00	559,00	554,00	498,00
	4,4	755,00	-	-	-
600	3,6	-	686,00	660,00	594,00
	4,4	880,00	756,00	760,00	684,00
	5,0	984,00	-	836,00	752,00
700	4,4	1.056,00	904,00	942,00	847,00
800	4,4	1.270,00	1.094,00	1.052,00	894,00
900	4,4	-	1.296,00	1.294,00	1.164,00
1000	4,4	-	1.546,00	1.476,00	1.328,00
1200	4,4	-	2.200,00	-	1.594,00

Ø 500 -1200 mm v_{max} 63 m/s
Retipping of used diamond blades on request.

NEW NEW

Ø [mm]	segment width [mm]	DRS-SET F26.1 Price [€]	DRS-SET F26.2 Price [€]
500	4,4	750,00	-
600	4,4	910,00	-
	4,7	-	880,00
700	4,4	1.160,00	-
	4,7	-	1.120,00
800	4,4	1.270,00	-
	4,7	-	1.200,00
900	4,4	1.410,00	-
	4,7	-	1.530,00
1000	4,4	-	1.620,00
1200	4,4	-	2.160,00

Ø 500 -1200 mm v_{max} 63 m/s

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DIAMOND BLADES FOR ELECTRIC FLOOR SAWS

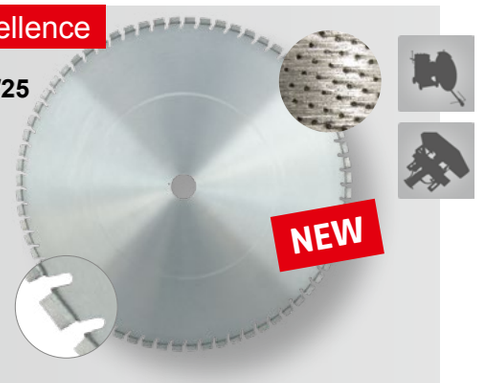
DRS-SET W25

★★★★★



DRS-SET-System Dominance of excellence

High-performance diamond blades **DRS-SET W25**
- **DRS-SET-technology with predetermined distribution of diamonds**
- **laser-welded for heavy duty applications**
- special short-segment design for excellent cutting speed
- **segment height 12 mm**
- for cutting heavy reinforced concrete with electric floor saws
- **also suitable for the wall saws**

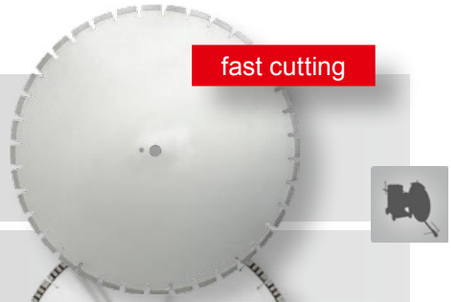


W24

★★★★

- electric floor saws **P 5-15 kW**
- **segment height 10 mm**
- wide slots
- concrete (reinforced), basements

fast cutting



ALLIGATOR P

★★★★★

up to Ø 600 mm

- electric floor saws **P 2-10 kW**
- Alligator turbo segments, up to Ø600 mm laser welded from Ø700 mm brazed
- narrow slots
- **segment height 10 mm**
- concrete (reinforced), clinker, building materials

narrow slots



Ø [mm]	Segment width [mm]	W24 Segment height 10 mm Price [€]
600	3,8	490,00
	4,4	510,00
	4,7	532,00
	5,0	564,00
650	4,4	566,00
	4,7	592,00
	5,0	620,00
700	3,8	580,00
	4,4	596,00
	4,7	615,00
750	4,4	666,00
	4,7	692,00
800	4,4	712,00
	4,7	740,00
	5,0	769,00
900	4,4	836,00
1000	4,4	974,00
1200	4,4	1.356,00

Ø 600 -1200 mm v_{max} 63 m/s
Retipping of used diamond blades on request.

Ø [mm]	Segment width [mm]	DRS-SET W25 NEW Segment height 12 mm Price [€]	Segment amount
600	4,4	720,00	52
	4,9	740,00	
650	4,4	820,00	56
	4,9	850,00	
700	4,4	890,00	60
	4,9	920,00	
750	4,4	1.050,00	60
800	4,4	1.120,00	68
	4,9	1.160,00	
900	4,4	1.510,00	76
1000	4,4	1.680,00	84
1200	4,4	1.980,00	100

Ø 600 -1200 mm v_{max} 63 m/s

Ø [mm]	Segment width [mm]	Alligator P Segment height 10 mm Price [€]
350	3,0	186,00
400	3,2	214,00
450	3,6	280,00
500	3,6	320,00
600	4,2	424,00
700	4,2	583,00
800	4,2	692,00

Ø 350 -450 mm v_{max} 100 m/s
Ø 500 -800 mm v_{max} 63 m/s

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.



Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

BLOCK SAWS

BS-750

Compact and easily manageable brick saw for saw blades Ø750 mm and cutting depth up to 285 mm

CUTTING DEPTH ADJUSTMENT WITH GAS SPRING STRUT AND CUTTING TABLE WITH SPECIAL RECIRCULATING BALL BEARING GUIDE

		BS-750
Ø saw blade	[mm]	750
bore	[mm]	60
max. cutting depth	[mm]	285
max. cutting length	[mm]	950
table size	[mm]	610 x 650
motor		4,0 kW, 400 V
length	[mm]	1800
width	[mm]	810
height	[mm]	1360
weight	[kg]	195
Price	**[€]**	**3.490,00**

VIDEO







- rugged welded frame construction
- extremly heavy duty galvanised cutting table
- powder coated components
- **cutting table with recirculating ball bearing guide and precision spindle**
- blade directly driven by special flat motor (IP55)
- **saw head lifting by gas-filled telescopic strut**
- **high quality electric water pump S1-original**
- removable water tray
- lifting eyes for transport
- 4 transport rollers
- locking brake

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

TABLE SAWS

BS-350 LST

Table saws, developed from 20 years of experience, **with maintenance-free stainless steel roller guide system of the cutting table**, European high-performance electric motors and many comfort features for daily demands and safe operation on construction sites.

The series of Dr. Schulze table saws -
100% made by Dr. Schulze!!!

cutting head tiltable up to 45° for angle cuts



VIDEO

GENERAL TECHNICAL DESCRIPTION:

- **selection of only European made components (including electric motor and water pump)**
- **multiple ball-bearing prism rollers prevent lifting and tilting of the cutting table**
- **stainless steel guide rollers and guide rails**
- **cutting head tiltable up to 45° for angle cuts (BS-350 LST only)**
- **cutting depth infinitely adjustable by pneumatic spring**
- strong welded frame
- tiltable legs for easy transport
- standard tiltable transport wheels
- two additional wheels allow loading of the machine in a car with only one person
- comfortable carrying handles
- high quality water pump S1-original
- powder coated components for a long lifetime

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

TABLE SAWS

BS-400 LST-E230



VIDEO

BS-400 LST-E400



BS-500 LST



VIDEO

		BS-350 LST	BS-400 LST-E230	BS-400 LST-E400	BS-500 LST
Ø diamond blade	[mm]	350	400	400	500
bore	[mm]	25,4	25,4	25,4	25,4
cutting depth	[mm]	105	130	130	190
cutting length	[mm]	650	650	650	650
motor		2,2 kW / 230 V	2,2 kW / 230 V	3,0 kW / 400 V	3,0 kW / 400 V
length	[mm]	1050	1200	1200	1200
width	[mm]	600	710	710	780
height / transport height	[mm]	1330 / 700	1470 / 800	1580 / 900	1600 / 900
weight	[kg]	70	116	116	119
Price	[€]	**1.290,00**	**1.970,00**	**1.970,00**	**2.100,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

BLOCK SAWS

BLOCK SAW BS-1000N

NEW

The new generation of our proven BS-1000 is characterized by its easier handling and outstanding stability and is ideal suitable for cutting of large-format stone blocks up to 600 mm length and 410 mm height with diamond blades Ø1000 mm.



TECHNICAL FEATURES

- robust welded frame construction
- powerful 7.5 kW / 400 volt three-phase motor with V-belt drive
- height-adjustable cutting head for cutting blades Ø900 or Ø1000 mm
- cutting head lifting by gas-filled telescopic strut
- extremely stable and galvanized cutting table with recirculating ball bearing guide and precision shaft
- two transport wheels and removable support wheel for easy transport
- easily removable water collection tray
- high-quality electric water pump P1-Original (1560 l/h)
- crane eyes and tine profiles for transport
- powder-coated components

Available from middle 2026!





		BS-1000N NEW
Ø diamond blade	[mm]	1000 / 900
Bore	[mm]	60
Engine		7.5 kW; 400 V
Max. cutting depth	[mm]	410 / 360
Max. cutting length	[mm]	600
Table dimensions LxW	[mm]	690 x 860
Dimensions LxWxH	[mm]	2200 x 1040 x 1630
Weight	[kg]	390
Price	**[€]**	**4.790,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

CUTTING BLADES FOR BLOCK SAWS

BS-W 2.0

★★★

- block saws **P 4 - 10 kW**
- wide-slots
- **segment height 10 mm**
- poroton, sand-lime brick, pumice stone, chamotte, soft clinker, sandstone

BS-W 2.0 SANDWICH

★★★★

Now with silent sandwich core available!

- block saws **P 4 - 10 kW**
- **sandwich steel core for noise reduction**
- **segment height 10 mm**
- poroton, sand-lime brick, pumice stone, chamotte, soft clinker, sandstone

BS-WB 10

★★★★

- block saws **P 4 - 10 kW**
- wide slots
- **segment height 10 mm**
- concrete, hard artificial sandstone

BS-WG 10

★★★★★

- block saws **P 4 - 10 kW**
- special slots 1 - 1/2
- **segment height 10 mm**
- granite, hard stones

ALS-E 10

★★★

up to Ø600 mm

- multi purpose **P 2 - 10 kW**
- laser welded segments, wide slots (from Ø650 mm the blades are brazed)
- **segment height 10 mm**
- artificial sand stone, abrasive materials

BLS 10

★★★

up to Ø600 mm

- multi purpose **P 2-10 kW**
- laser welded segments, wide slots (from Ø650 mm the blades are brazed)
- **segment height 10 mm**
- concrete (reinforced)



Segment height	BS-W 2.0 10 mm	BS-W 2.0 SANDWICH 10 mm	BS-WB 10 10 mm	BS-WG 10 10 mm	ALS-E 10 10 mm	BLS 10 10 mm
ø [mm]	Price [€]	Price [€]	Price [€]	Price [€]	Price [€]	Price [€]
300	-	-	-	-	107,00	118,00
350	-	144,00	-	-	126,00	146,00
400	-	186,00	-	-	184,00	210,00
450	-	-	-	-	223,00	256,00
500	-	290,00	-	-	272,00	312,00
550	-	-	382,00	-	-	-
600	226,00	-	412,00	-	336,00	385,00
625	242,00	-	424,00	664,00	-	-
650	260,00	-	470,00	736,00	480,00	555,00
700	324,00	558,00	496,00	778,00	502,00	580,00
750	382,00	654,00	566,00	836,00	556,00	642,00
800	-	-	600,00	-	608,00	702,00
850	-	-	666,00	-	-	-
900	394,00	868,00	662,00 [1] 718,00 [2]	1.128,00 [2]	745,00	828,00
1000	686,00	-	848,00	1.268,00	880,00	966,00

[1] 46 Segments [2] 52 Segments
Ø300 - 1000 mm v_{max} 63 m/s Ø300 - 450 mm (only BLS 10 / ALS-E 10) v_{max} 100 m/s

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

VERTICAL SAW

VERTICAL SAW VTS-1000

NEW

The new Dr. Schulze vertical saw is used for quick and easy cutting of large-format stones and flat elements with diamond cutting blades Ø1000 mm up to a depth of 420 mm. Due to its extremely space-saving design and the cutting table with integrated rollers, the VTS-1000 becomes an efficient and time-saving helper for every building construction project and guarantees excellent cutting performance, easy handling and above-average safety standards.



GENERAL TECHNICAL CHARACTERISTICS

- Almost complete encapsulation of the cutting area for minimum contamination and maximum safety
- Controls compactly arranged on one side of the machine for maximum ease of use
- The multi-part, quickly lowerable PE rollers integrated in the cutting table for easy handling of heavy workpieces
- Precise cutting head guidance and integrated gas pressure damper for power-enhancing work
- Stable welded construction and corrosion protection through hot-dip galvanizing and powder coating for a long service life
- Almost maintenance-free encapsulated chain drive of the cutting shaft for optimal power transmission
- Integrated operating hours counter for billing when renting
- Standard 45° fence for miter cuts
- Easily removable water pan and easily accessible water pump for easy cleaning
- Removable jockey wheel and integrated lifting point for crane suspension for easy transport



		VTS-1000 NEW
Engine		7,5 kW; 400 V
Cutting blade diameter	[mm]	1000 / 900
Cutting depth	[mm]	420 / 370
Cutting height	[mm]	650
Cutting table width	[mm]	1015
Rotation speed	[min^{1}]	1050
Dimensions (operating condition) LxWxH	[mm]	1175 x 1115 x 2375
Dimensions (transportation) LxWxH	[mm]	1175 x 1115 x 1975
Weight	[kg]	410
Price	**[€]**	**9.990,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

PORTAL SAWS

PS-250G

PS-400G

User-friendly portal saws for cutting of large-format tiles and natural stone slabs with an edge length of up to 80 x 80 cm





GENERAL TECHNICAL DESCRIPTION:

The PS-250G portal saw is a very sturdy and durable cut-off machine for precise cutting of tiles, ceramics or thin natural stone slabs.

- **maximum cutting depth 65 (55) mm with cutting blade Ø250 (230) mm**
- extra long version allows problem-free cutting of large slabs with edge length of up to 80 x 80 cm
- insertion table with rubber support and adjustable side stop
- precise pendulum cutting head, continuously lockable
- swiveling superstructure for miter cuts from 0° - 45
- cooling water supply by electric water pump
- splash guard on 3 sides of the machine
- transport-friendly due to removable plug-in feet
- side table for cutting of extra long workpieces optionally available

GENERAL TECHNICAL DESCRIPTION:

The PS-400G is a universal cutting machine for the construction industry. With its continiously adjustable, precise and smooth-running pendulum cutting head it guarantees fatigue-free working.
For miter cuts, the saw's superstructure can be tilted steplessly from 0° - 45°.
Due to the large cutting length, the saw is particularly suitable especially for cutting of extra long stone slabs.

- **maximum cutting depth 130 (105) mm with cutting blade Ø400 (350) mm**
- swiveling upper structure for miter cuts
- precise, infinitely adjustable pendulum cutting head
- carrying handles and removable plug-in feet
- insertion table with rubber support
- splash guard on 3 sides of the machine
- end stop and adjustable side stop
- cooling water supply by electric water pump
- lateral side table for cutting of extra long workpieces optionally available

		PS-250G	PS-400G
Ø diamond blade	[mm]	230 / 250	350 / 400
bore	[mm]	25,4	25,4
cutting depth	[mm]	55 / 65	105 / 130
cutting length	[mm]	1145 / 1150	1130 / 1170
motor		1,1 kW / 230 V	2,2 kW / 230 V
length	[mm]	1540	1560
width	[mm]	460	670
height / transport height	[mm]	1140 / 480	1620 / 600
weight	[kg]	77	94
Price	**[€]**	**1.840,00**	**2.220,00**
Angle stop with scale	**[€]**	**89,00**	**89,00**
Side table 614 x 586 mm for cutting of long workpieces incl. side stopper and plug-in feet	**[€]**	**290,00**	**290,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

BAND SAW BAS-400 / BAS-650

Professional mobile band saw with robust design, automatic band tensioning mechanism and precise guided tiltable cutting table for cutting of large cellular concrete blocks. The saw can be installed and handled easily by only one person and is characterized by its extreme cutting precision.
The maximum cutting depth is 400 mm (BAS-400) respectively 650 mm (BAS-650).



VIDEO

- increased engine power of 1,5 kW
- can be used anywhere due to 230 Volt power connection
- various adjustments of the cutting table for precise angle cuts
- automatic tensioning mechanism of saw band for long lifetime
- automatic engine stop (engine stops when cut is finished)
- vaccum cleaner connection for dust free operation

- saw band replacement within a few minutes
- serial transport rollers for easy transport
- powder coated components for long lifetime
- incl. saw band for cellular concrete blocks (3 teeth/inch)

NEW



		band saw		
		BAS-400	BAS-650	BAS-550+
motor		1,5 kW / 230 V		
cutting depth	[mm]	400	650	550
cutting table (LxW)	[mm]	1000x810		
max. table load	[kg]	50		120
length	[mm]	1100		1150[1]
width / transport width	[mm]	1090 / 800		1190[1] / 800
height	[mm]	1830	2080	2080
weight	[kg]	150	160	315
Price	**[€]**	**on request**	**3.990,00**	**8.290,00**
Price saw band (for cellular concrete, 3 teeth/inch)	**[€]**	198,00	208,00	208,00

[1] without foldable feet

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

HEAVY-DUTY BAND SAW BAS-550+ NEW

Our new BAS-550+ was specially developed for cutting large-format cellular concrete blocks weighing up to 120 kg and, with its stable construction, offers sufficient ease of use even in tight spaces. The cutting table is equipped with rollers that can be lowered quickly and allows you to work with heavy workpieces without tiring. Furthermore, the BAS-550+ is characterized by extreme cutting precision.
The maximum cutting height is 550 mm (special sizes available on request).

- heavy-duty table with lowerable rollers for easy handling of large stones
- easy handling of the cutting table thanks to gas pressure spring
- highest stability thanks to multi-point fixation of the cutting table
- foldable feet for more stability and safety
- transport wheels and lowerable swivel castor for easy transport
- can be used anywhere thanks to the 230 volt power connection
- automatic tensioning mechanism for a long life of the saw band
- automatic motor shutdown (the motor switches off when the cut is finished)
- vacuum cleaner connection for dust-free work
- powder-coated components for a long service life
- including saw band for cellular concrete blocks (3 teeth/inch)

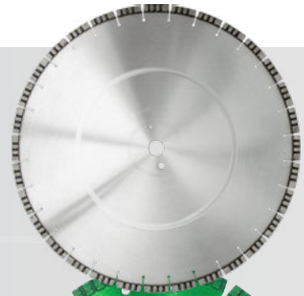


CONCRETE

ALLIGATOR S

★★★★

- Alligator turbo segments
- narrow slots
- **segment height 10 mm**
- concrete (reinforced), clinker, building materials



LASER EXTREME CUT 2.0

★★★★

GENERATION 2.0

- **new generation of our bestseller**
- faster and easier cut
- laser turbo segments with improved specification
- steel core with cooling holes (from Ø230 mm)
- segment height 10 mm
- heavy reinforced concrete, hard stone, clinker



LASER 15

★★★★

- multifunctional purpose
- superior cutting performance
- **segment height 15 mm**
- reinforced concrete, building materials



UNI-X10

★★

- sintered turbo segments
- narrow slots
- **segment height 10 mm**
- universal for building materials



Ø [mm]	Alligator S Price [€]	Laser Extreme Cut 2.0 Price [€]	Laser 15 Price [€]	UNI-X10 Price [€]
230	58,00	55,00	38,00	25,00
300	106,00	119,00	74,00	62,00
350	130,00	136,00	98,00	72,00
400	162,00	189,00	124,00	-
450	225,00	229,00	147,00	-
500	259,00	284,00	170,00	-
600	352,00	-	255,00	-

Ø230 mm v_{max} 80 m/s Ø300 - 450 mm v_{max} 100 m/s Ø500 - 600 mm v_{max} 63 m/s

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

GRANITE, CLINKER, FIRE-PROOF MATERIALS

FUEGO III

★★★★★

- multi-functional tool for fireplace-fitter
- **sandwich core for low noise level**
- **segment height 10 mm**
- narrow slots
- hard chamotte, granite, marble, glazed tiles, hard sandstone

sandwich core



TS-HK

★★★★

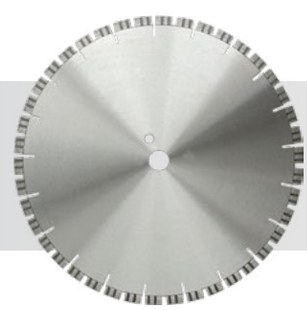
- hard clinker
- narrow slots
- **segment height 7 mm**
- hard clinker, ceramics



GRT

★★★★

- turbo segments, laser welded
- short segment design
- **segment height 10 mm**
- granite, hard clinker



L-GRANIT

★★★★★

- laser granite
- extra narrow slots
- **segment height 7 mm**
- granite, quartzite, porphyr, hard sandstone, curb stones



Ø [mm]	Fuego III Price [€]	TS-HK Price [€]	GRT Price [€]	L-Granit Price [€]
230	-	-	-	137,00
300	216,00	184,00	190,00	193,00
350	272,00	246,00	226,00	231,00
400	328,00	304,00	278,00	-

Ø230 mm v_{max} 80 m/s Ø300 - 400 mm v_{max} 63 m/s

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

TILES, CERAMICS, MARBLE

MR 101 EL N

★★★★

- narrow slots
- long straps, long segments
- **segment height 5 mm**
- marble, limestone

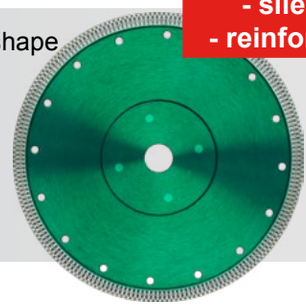


ULTRA CERAM

★★★★★

- **10 mm closed continuous rim** with special shape
- **steel core with integrated noise reduction system**
- thin steel core with reinforced core center and special designed cooling holes
- hard ceramics, tiles, natural stone (granite, marble), fine stoneware

- silent type
- reinforced core



FL-HC 2.0

★★★★★

GENERATION 2.0

- **new improved specification**
- **suitable for thick stoneware tiles**
- faster cutting in ceramic tiles
- steel core with cooling holes
- **segment height 8 mm** (up to Ø250 mm turbo rim, Ø300 / 350 mm continuous rim)
- stoneware tiles, hard ceramics, hard tiles

very fine cut



FL-S

★★★★

- special tiles
- continuous rim
- **segment height 5 mm**
- tiles, natural stone, ceramics

very fine cut



Ø [mm]	MR 101 EL N Price [€]	Ultra Ceram Price [€]	FL-HC 2.0 Price [€]	FL-S Price [€]
115	-	29,00	23,00	20,00
125	-	32,00	25,00	24,00
150	-	43,00	40,00	34,00
180	-	51,00	49,00	42,00
200	-	58,00	53,00	43,00
230	-	64,00	60,00	47,00
250	-	75,00	75,00	66,00
300	159,00	96,00	106,00	102,00
350	185,00	128,00	126,00	155,00
400	242,00	-	-	-

Ø110 - 180, 230 mm v_{max} 80 m/s
Ø200, 250 - 350 mm v_{max} 63 m/s

Ø [mm]	Ultra Ceram segments width [mm]	FL-HC 2.0 segments width [mm]	FL-S segments width [mm]
115	1,2	1,2	1,6
125	1,2	1,2	1,6
150	1,4	1,4	1,6
180	1,4	1,6	1,6
200	1,6	1,6	1,6
230	1,6	1,8	1,6
250	1,6	1,8	1,6
300	2,0	2,0	2,4
350	2,4	2,0	2,4

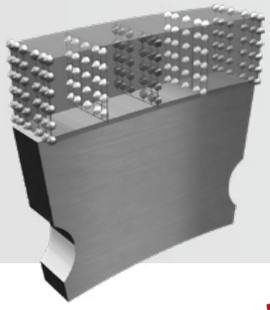
Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.



Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

BLADES FOR WALL SAWS

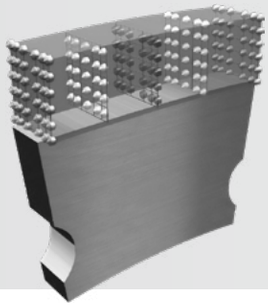
DRS-SET-SYSTEM DOMINANCE OF EXCELLENCE



DRS-SET: The next generation of diamond segments with precisely positioned diamonds using a new arrangement process. Due to the geometrically precise distribution in the diamond segment, there are always approximately the same number of cutting diamonds in action. This guarantees a consistently above-average cutting speed with minimal segment wear. Smooth cutting even in reinforcement and equal wear until the end of the segment service life are further advantages of the DRS-SET technology.

DRS-SET W25 NEW

★★★★★



- **DRS-SET-technology with predetermined distribution of diamonds**
- **laser-welded for heavy duty applications**
- special short-segment design for excellent cutting speed
- **segment height 12 mm**
- for cutting heavy reinforced concrete with wall saws
- **also suitable for the electric floor saws**



Ø [mm]	Segment width [mm]	DRS-SET W25 NEW Segment height 12 mm **Price [€]**	Segment amount
600	4,4	720,00	52
	4,9	740,00	
650	4,4	820,00	56
	4,9	850,00	
700	4,4	890,00	60
	4,9	920,00	
750	4,4	1.050,00	60
800	4,4	1.120,00	68
	4,9	1.160,00	
900	4,4	1.510,00	76
1000	4,4	1.680,00	84
1200	4,4	1.980,00	100
Ø 600 -1200 mm	v_{max} 63 m/s		

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

ELECTRIC WALL SAW WS-750

NEW

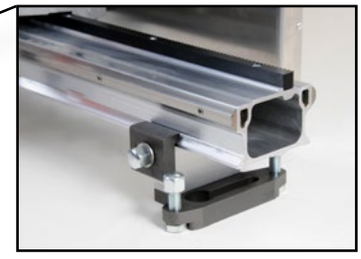
The new Dr. Schulze WS-750 electric wall saw is characterised above all by its outstanding power density: with a complete weight of the saw head (with mounted drive motor) of only 28 kg, the saw has a rated power of 14 kW and cuts approx. 410 mm deep with diamond blades of max. Ø930 mm.

A particular advantage of this saw is the possibility of using the second plug-in connection on its **PowerBox DRS-FU15D** for connection of further HF-machines, such as the **Blade Saw DRS-TS400**, **Chain Saw DRS-KS400**, **Ring Saw DRS-RS400** or **Core Drill Motor HD16 / HD18**.
With such a compact and powerful package of machines any challenging sawing or drilling job can be managed easily.





Wireless Remote Control WS-750



Rail with mounting bracket

GENERAL TECHNICAL FEATURES

- complete lifting for cutting blades Ø750 mm
- water-cooled HF motor with 14 kW nominal power and IP55 protection class
- hybrid slide/roll guide of the saw head on light and stable rail made of high-strength aluminium alloy with stainless steel bars
- short distance between cutting disc and guide rail
- swing arm gearbox with oil bath lubrication and overload clutch
- wireless radio remote control with intuitive operation
- automatic feed continiously adjusts the cutting speed according to the cutting conditions
- clearly visible indicator light for convenient load monitoring
- light and compact **PowerBox DRS-FU15D** with IP55 protection class and LED display
- **PowerBox DRS-FU15D with connection for further HF machines**
- radio interference suppression for trouble-free operation in the vicinity of electrical appliances

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

ELECTRIC WALL SAW WS-750

SCOPE OF DELIVERY

1x WS-750 saw head with 14 kW HF motor and electric feed/lowering motors
1x PowerBox DRS-FU15D
1x wireless remote control
1x blade guard GT-750 for Ø750 mm, closed
1x guide rail 2.18 m
2x mounting brackets for the guide rail
2x end stoppers for the guide rail
1x transport trolley



DRILL MOTOR HD16



DRILL MOTOR HD18



RING SAW DRS-RS400
Page 14/15



PowerBox DRS-FU15D



BLADE SAW DRS-TS400
Page 14/15



CHAIN SAW DRS-KS400
Page 14/15

For more information about these machines, please see our „Dry Cutting“ price list.

		NEW WS-750
Ø Diamond blade	[mm]	750 / 930
Cutting depth	[mm]	320 / 410
Bore	[mm]	25,4
Flush cut bores		6x M8 TK90 mm
Motor		14 kW; 400 V; 32 A
PowerBox DRS-FU15D		16 kW; 400 V; 16/32 A
Weight saw head cpl.	[kg]	28
Price Set WS-750 incl. DRS-FU15D	**[€]**	**21.190,00**

Accessories	Price [€]
Blade guard GT-750 for Ø750 mm, closed	**1.160,00**
Blade guard GT-930 for Ø930 mm, closed	**1.570,00**
Flush cut blade guard BT-750 for Ø750 mm	**900,00**
Flush cut blade guard BT-930 for Ø930 mm	**1.110,00**
Guide rail 2.18 m	**1.250,00**
Guide rail 1.09 m	**680,00**
Mounting bracket for the guide rail	**350,00**
Swivel mounting bracket for the guide rail	**710,00**
End stopper for the guide rail	**70,00**
Rail connector	**240,00**
Motor cable AC/DC incl. plug	**450,00**
PowerBox DRS-FU15D	**5.460,00**
Water cooled HF-core drill motor HD1603; 3,7 kW; 230 V; Ø20-150 mm; 630/1400/2900 min^{-1}; 1 ¼“; 6,2 kg	**1.850,00**
Water cooled HF-core drill motor HD1803; 3,7 kW; 230 V; Ø20-150 mm; 630/1400/2900 min^{-1}; 1 ¼“; 6,2 kg	**1.830,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

BLADES FOR WALL SAWS

EWS

★★★★

- electric wall saw blade, **P 5 - 15 kW**
- special slots
- sandwich segments
- **segment height 10 mm**
- reinforced concrete, natural stone

very fast cutting!



Ø [mm]	segment width [mm]	EW S Price [€]
400	5,0	**390,00**
450	3,8	**352,00**
500	3,8	**398,00**
600	3,8	**482,00**
650	3,8	**570,00**
700	3,8	**598,00**
750	3,8	**674,00**
	4,4	**730,00**
	4,7	**756,00**
800	3,8	**728,00**
900	4,4	**922,00**
930	4,1	**952,00**

Ø400 - 930 mm v_{max} 63 m/s
Retipping of used diamond blades on request.

DSW15 (EX W42)
DSW20 (EX W95)
DSW30 (EX W51)

★★★★

- DSW15: wall saws **P 10 - 20 kW**
  DSW20: wall saws **P 15 - 25 kW**
  DSW30: wall saws **P 20 - 30 kW**
- wide slots
- **V-sandwich segments**
- **segment height 10 mm**
- reinforced concrete, natural stone



Ø [mm]	segment width [mm]	DSW15 / DSW20 / DSW30 Price [€]
600	4,4	**494,00**
	4,7	**518,00**
	5,0	**540,00**
650	4,4	**550,00**
	4,7	**576,00**
	5,0	**600,00**
700	4,4	**580,00**
750	4,4	**628,00**
	4,7	**656,00**
800	4,4	**692,00**
	4,7	**722,00**
	5,0	**754,00**
900	4,4	**812,00**
1000	4,4	**944,00**
1200	4,4	**1.314,00**
1500	4,4	**2.218,00**
1800	4,4	**4.374,00**
2000	4,4	**4.820,00**

Ø600 - 2000 mm v_{max} 63 m/s.
Retipping of used diamond blades on request.

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DR. SCHULZE GMBH
DIAMOND SOLUTIONS

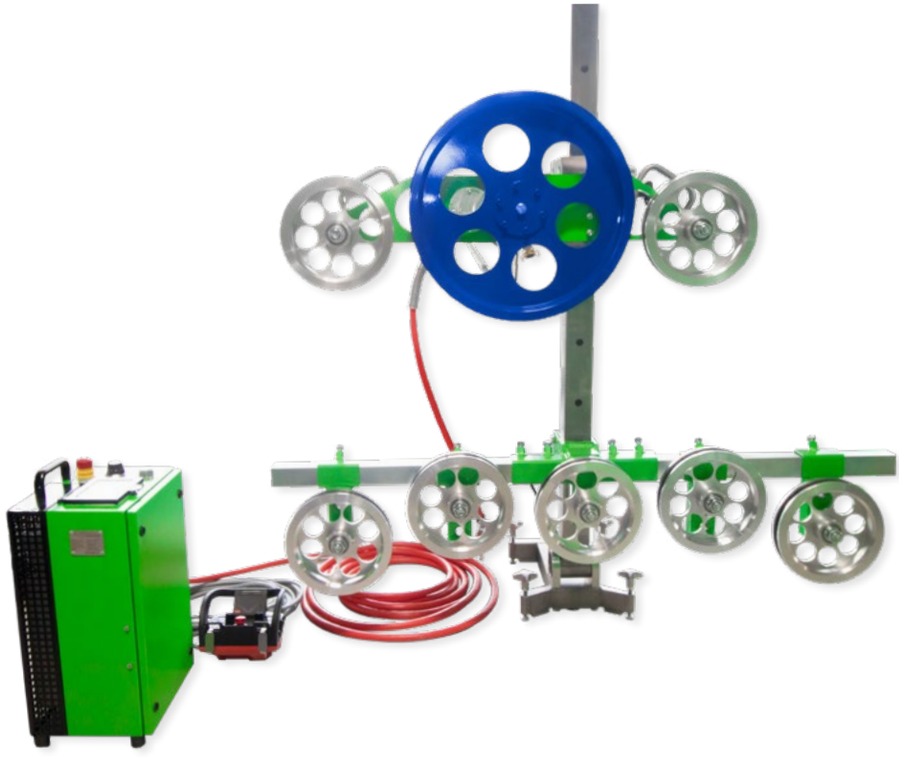
Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

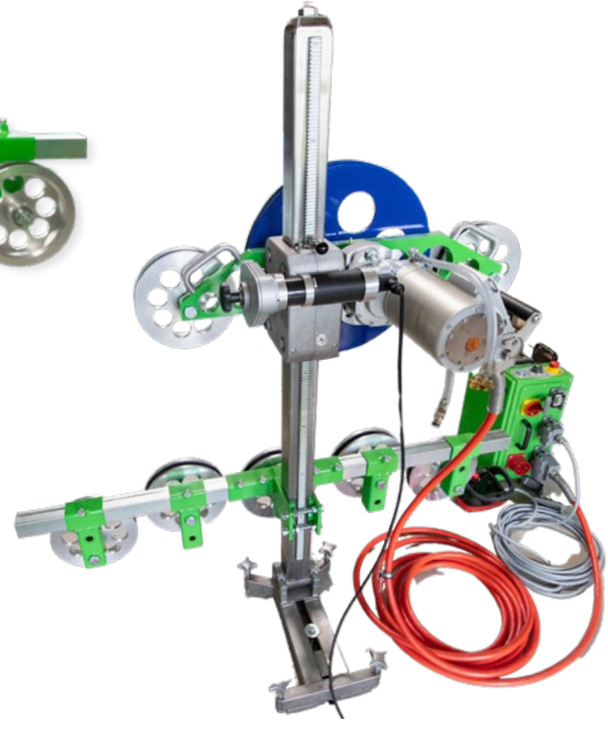
WIRE SAWS

WIRE SAWS DRS-KKW

The wire saws of the KKW series from Dr. Schulze GmbH are characterized above all by their extremely low weight and quick dismantling into easily transportable assemblies. This means that the saws can be installed even in areas that are difficult to access or on mobile scaffolding in the immediate vicinity to the cut. Short wire lengths and particularly stable construction of the saws reduce vibrations to a minimum and thus ensure above-average cutting speeds of over 5 m²/hour! The low-maintenance and innovative high-frequency drive with remote control (optionally also wireless) guarantees constant cutting parameters even in highly reinforced concrete types with its extremely high torque.

DRS-KKW-02 – THE UNIVERSAL SAW





Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

WIRE SAWS DRS-KKW

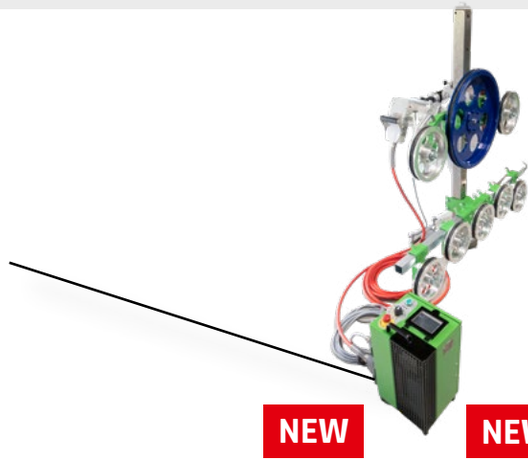
GENERAL TECHNICAL FEATURES

NEW

- Proven many times over in the dismantling of nuclear power plants and other massive structures
- Extremely high average cutting speed of 2.5-5.0 m²/h
- Flexible mounting directly at the cut thanks to the low machine weight
- Can be dismantled into easily transportable components (max. 30 kg) in a few minutes
- Standard fixation with only one drop-in anchor
- Optimal for use on scaffolds and in hard-to-reach areas
- Easy to upgrade (also wire storage capacity) due to modular design
- High-performance HF drive with high torque and constant speed control
- Frequency converter with touch screen and multi-function display
- Remote control either wired or wireless
- Lightweight and low-wear wire pulleys made of a high-performance aluminum alloy
- Minimal maintenance required thanks to simple and easy-to-repair design of all components



Remote control with Touchscreen



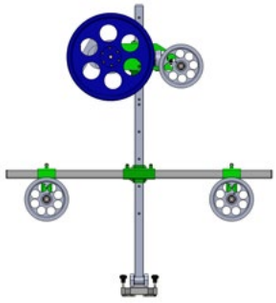
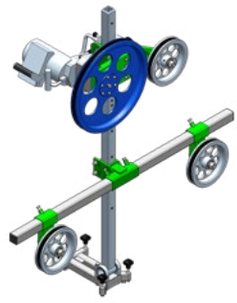
NEW NEW NEW

		DRS-KKW-01	DRS-KKW-02	DRS-KKW-03
Wire storage capacity (without wire shortening)	[m]	6	10	>12
Drive		HF 20 kW 400 V / 32 A	HF 20 kW 400 V / 32 A	HF 2x20 kW 400 V / 32 A
Feed drive		electrically via remote control		
Drive wheel		Ø500 mm (aluminum)		
Pulleys		Ø250 mm (aluminum)		
Number of drive wheels		1	1	2
Number of pulleys on main traverse		1	2	3
Number of pulleys Ø250 mm in wire storage		2	4	6
Length of guide column	[mm]	1500	1380	2000
Feed travel	[mm]	≈1000	≈850	≈1500
Height	[mm]	1680	1560	2040
Width of main traverse incl. wire pulleys	[mm]	775	1060	1560
Length	[mm]	524	710	710
Length of square traverse	[mm]	1500	1500	2000
Weight of stand	[kg]	15	20	25
Weight of feed carriage incl. feed motor	[kg]	11	14	14
Weight of main traverse incl. drive wheel and pulleys	[kg]	18	23	46
Weight of sqare traverse holder for stand column	[kg]	4,5	10 (incl. pulley)	7
Weight of pulley holder for square traverse incl. aluminum pulley Ø250 mm	[kg]	4,5	4,5	4,5
Weight HF drive motor	[kg]	21	21	2x 21
Weight power box	[kg]	16	16	16
Price (with standard scope of delivery)	**[€]**	**54.900,00**	**66.900,00**	**99.900,00**

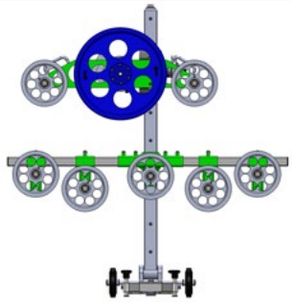
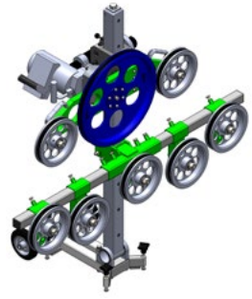
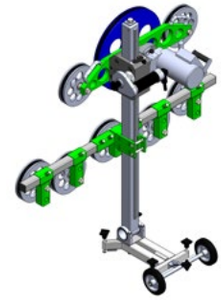
Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

WIRE SAWS DRS-KKW

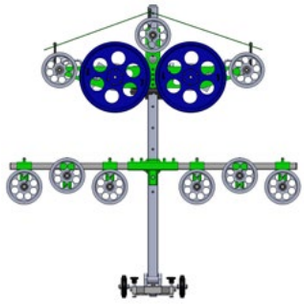
DRS-KKW-01 — THE NICHE SAW


DRS-KKW-02 — THE UNIVERSAL SAW

DRS-KKW-03 — THE POWER DWARF





Accessories and spare parts:	Price [€]
Surcharge wireless remote control[1]	**5.500,00**
Autonomous wire pulley holder with levelling screws incl. 2 pcs 90˚adapter and 2 pcs. square tube 80 cm (galvanized)	**1.040,00**
Pulley holder for square traverse incl. aluminum pulley Ø250 mm	**1.100,00**
Spare drive wheel Ø500 mm, aluminum	**2.820,00**
Spare pulley Ø250 mm, aluminum	**666,00**
Rubber bandage for drive wheel Ø500 mm	**20,00**
Rubber bandage for wire pulley Ø250 mm	**16,00**
Additional water guide (lance, water hose, GEKA coupling)	**98,00**
Surcharge for 2000 mm column for DRS-KKW-02 (extends wire storage capacity to approx. 18 m)	**980,00**

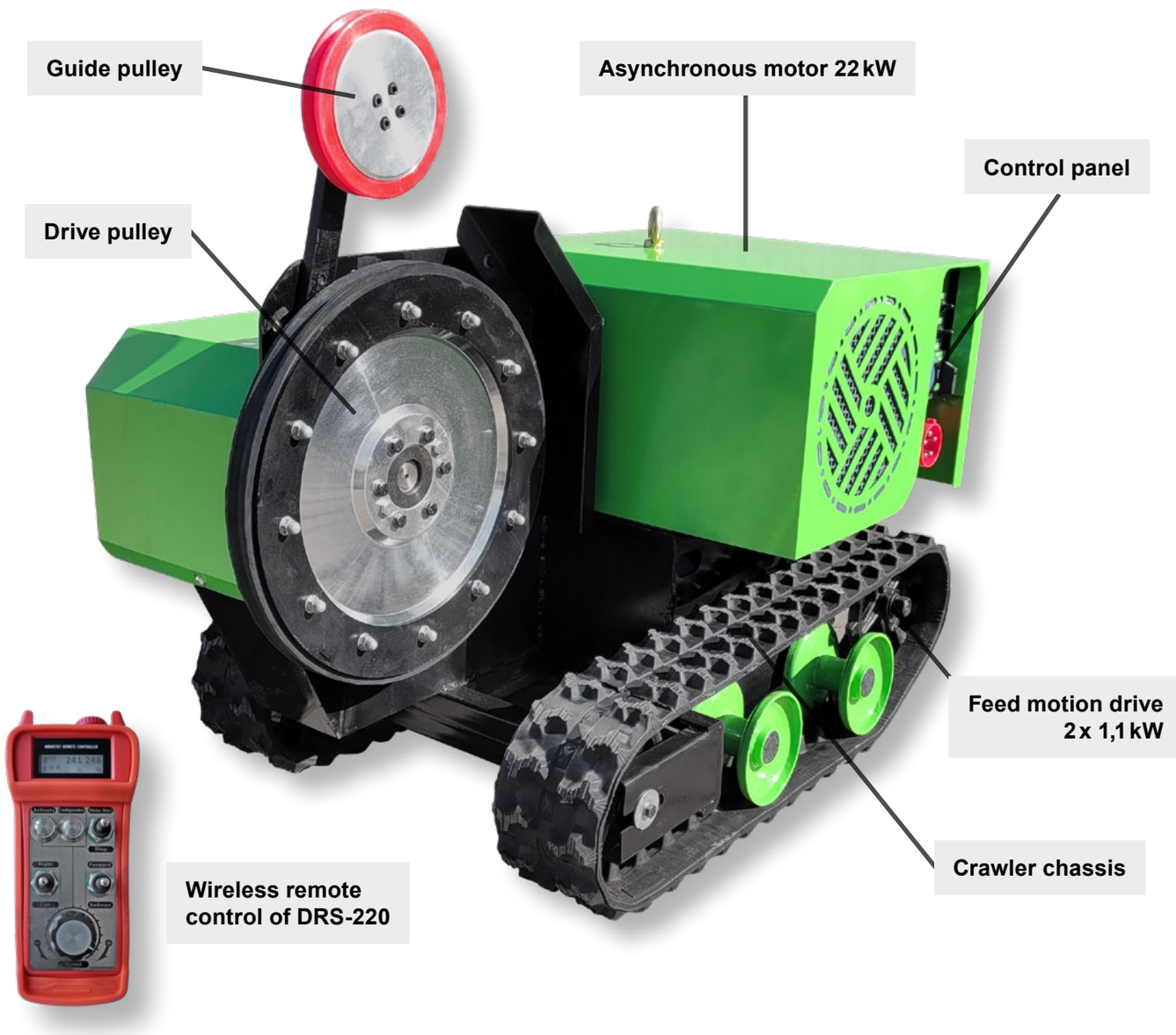
[1] For the saw DRS-KKW-03 2 pieces are needed

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRS-220 – WIRE SAW WITH CRAWLER CHASSIS

NEW

The new universal and flexible wire saw DRS-220 with 22 kW drive power, integrated rechargeable battery and radio remote control guarantees minimum set-up times and above-average cutting performance even when dismantling massive structures made of highly reinforced concrete. If the travel path is sufficiently large, cuts with very large cross-sections are possible without shortening the wire.



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

WIRE SAW DRS-220

WORKING PRINCIPLE

NEW

A high-performance three-phase asynchronous motor drives the diamond wire via a drive pulley with a diameter of 440 mm. The crawler chassis, which can be infinitely adjusted in its speed, ensures that the wire saw moves forward and that the wire tension is kept constant. The remote control guarantees safety and working comfort for the operating personnel.

The powerful crawler chassis allows the saw to be used even in difficult working environments, e.g. on uneven surfaces, mud, stairs, ramps, etc. The saw always works vibration-free, low-noise, precisely positioned, dust-free and highly efficient.

Furthermore, the DRS-220 has an integrated high-performance battery, which is automatically charged during operation and allows the machine to be loaded and transported without a power connection. The machine can thus be brought to the place of use quickly and conveniently.

GENERAL TECHNICAL CHARACTERISTICS

- extremely compact design
- simple construction for maximum working flexibility
- specially developed drive for efficient and economical cutting
- easy operation and transport
- constant wire tension through sensitive travel speed control
- wireless remote control of the most important machine functions
- integrated battery for transport without power connection



Wireless remote control of DRS-220





		DRS-220 NEW
Main drive		22 kW / electric
Feed motion drive		2 x 1.1 kW / electric
Electrical connection		400 V / 63 A / 50 Hz
Cabling		5-pin 10 mm²
Speed of the drive motor	[min⁻¹]	1470
Speed of the drive pulley	[min⁻¹]	1000
Drive pulley diameter	[mm]	440
Max. wire speed	[m/s]	25
Drive pulley torque	[Nm]	230
Weight	[kg]	450
Dimensions L x W x H	[mm]	1200 x 700 x 950
Price	**[€]**	**29.990,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

WIRE PRESS DRS-B1300-C

DRS-B1300-C

The wire press DRS-B1300-C is designed for a quick and effective connection of diamond wires.
Extreme high pressing force of 12 tons offers highest safety and maximum time savings.

LESS WIRE TEARS!









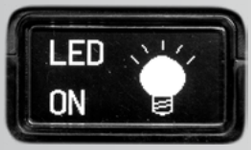
PRODUCT FEATURES

- Pressing head rotatable by 180°
- Starter safeguarded against accidental activation
- Push button to release pressure
- LED lighting of working space
- Optimum centre of gravity
- Multi-functional OLED-display with touch button
- Rechargeable high performance accumulator Li-Ion 18,0 V; 4,0 Ah
- USB port to transfer all data of the pressing to a computer

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

WIRE PRESSES / ACCESSORIES

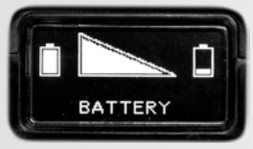
MULTIFUNCTIONAL OLED-DISPLAY:



LED light on/off



Working-cycle/ service information



Battery information



Pressure control



Control of actual pressing force

SCOPE OF DELIVERY:



- **Press inserts pair**
- **Carrying belt**
- **Case**
- **Battery recharging unit**
- **2 x battery Li-Ion 18,0 V 4,0 Ah**

		DRS-B1300-C
max. pressing force	[kN]	125
length	[mm]	406
height	[mm]	239
width	[mm]	102,5
weight	[kg]	6,5
weight incl. case	[kg]	10,5
Price	**[€]**	**3.790,00**

Accessories		Price
Press inserts pair 8 mm	**[€]**	**140,00**
Press inserts pair 7 mm	**[€]**	**140,00**

DIAMOND WIRE CONNECTORS

Diamond wire connections	Price [€]
Press connection Ø9x20 mm	**1,90**
Press connection Ø8x25 mm -copper	**1,60**
Connection with thread M6 set	**6,60**
Link connection 27 mm	**42,00**



press connection | connection with thread | link connection

		HT45
max. wire cross-section	[mm²]	150
max. press force	[kN]	50
working pressure	[bar]	600
length	[mm]	346
weight	[kg]	2
Price with standard inserts pair	**[€]**	**1.190,00**
spare inserts pair	[€]	98,00

HT45



Hydraulic pressing tool for connection of diamond wire up to a cross-section of 150 mm²

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DIAMOND WIRES



DS-SBB-1 -THE STEEL CUTTER-

- **exceptionally fast cutting due to vacuum-brazed diamond coating**
- **remarkable strong diamond fixation for better lifetime**
- excellent cutting speed thanks to sharp diamonds on the cutting surface
- conical beads for faster cutting and less cutting resistance
- 40 beads with Ø11 mm per meter
- excellent cutting performance in extremely strong reinforced concrete
- **wet cutting: steel, stainless steel, cast iron, aluminum, heavy reinforced concrete**
- **dry cutting: steel and reinforced concrete**

168,00 €
Price per m



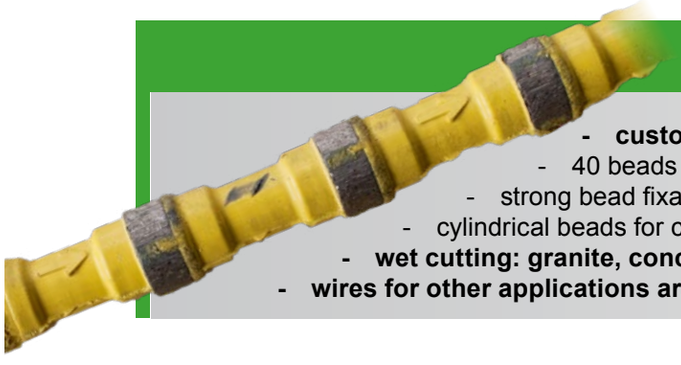
DS-SBS-S1 - THE WORKHORSE -

- **universal diamond wire with increased lifetime**
- sintered beads already pre-sharpened for immediate maximum performance
- 40 beads with Ø10,5 mm per meter
- strong bead fixation by distance springs and rubber vulcanizing
- cylindrical beads for consistent cutting and longer tool life
- **wet cutting: reinforced concrete / upgraded lifetime**



DS-SBS-O1 - THE GAZELLE -

- **universal diamond wire for fast cutting**
- sintered beads already pre-sharpened for immediate maximum performance
- 40 beads with Ø10,5 mm per meter
- strong bead fixation by distance springs and rubber vulcanizing
- cylindrical beads for consistent cutting and longer tool life
- **wet cutting: reinforced concrete / upgraded cutting speed**



DS-SBS-H1 - THE SPECIAL ONE -

- **custom-designed type according to customer requirements**
- 40 beads with Ø11 mm per meter
- strong bead fixation by distance springs and rubber vulcanizing
- cylindrical beads for consistent cutting and longer tool life
- **wet cutting: granite, concrete (also reinforced)**
- **wires for other applications are available on request**

	Price per m [€]
DS-SBS-S1	120,00
DS-SBS-O1	140,00
DS-SBS-H1	168,00

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

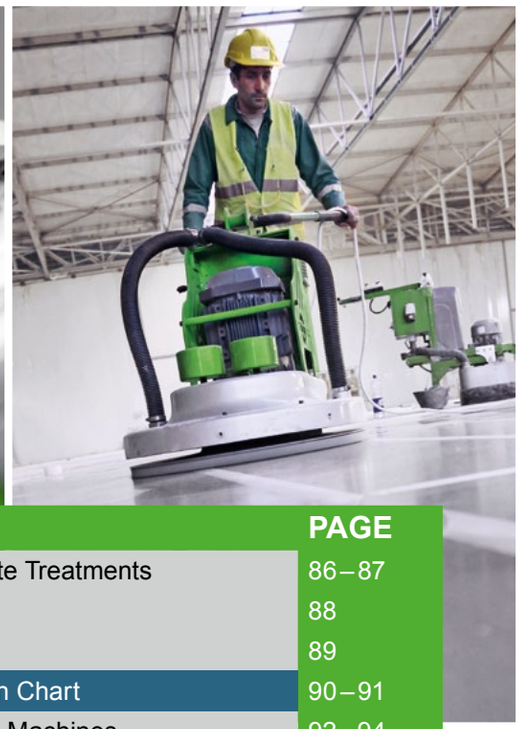


Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

VISIT OUR WEBSITE: WWW.DRS-FLOOR.COM







DR. SCHULZE GMBH
presents **DRS-FLOOR®**
SURFACE ENGINEERING SOLUTIONS FOR INDUSTRIAL AND COMMERCIAL CONCRETE FLOORING

Learn more about the possibilities of DRS-FLOOR® technology

CATALOG



CONTENT

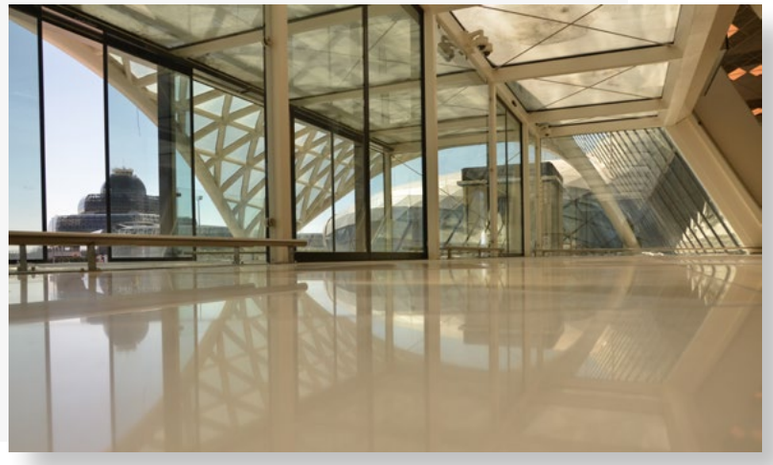
CONTENT	PAGE
DRS-FLOOR® Lithium Concrete Treatments	86–87
Floor Treatment Equipment	88
Testing Equipment and Tools	89
Product Navigator / Application Chart	90–91
Multi-Disc Grinding / Polishing Machines	92–94
DBS-820-4H RIDER	95
DBS-300 VARIO	96
Single-Disc Grinding Machines	97
Polishing Machines	98
DRS-MILL: Innovative Floor Milling Technology	99
PCD-Milling Tools	100
Grinding Tools with Metal Bond	101
Polishing Tools with Resin Bond	102
Polishing Pads	103
Floor Milling Machines / Scarifiers	104–105
Tools for Floor Milling Machines / Scarifiers	106
Air Filter System V33/510 A-LP	107
Air Filter Systems	108–109
Dust Separators	110
Tools for Hand Machines	111
DRS-FLOOR® Special Solutions	112
Hand grinding Machines	112
Ride-on grinding machine DBS-1520-8H	113–114
Shot blasting Machines	115–118

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRS-FLOOR® LITHIUM CONCRETE TREATMENTS

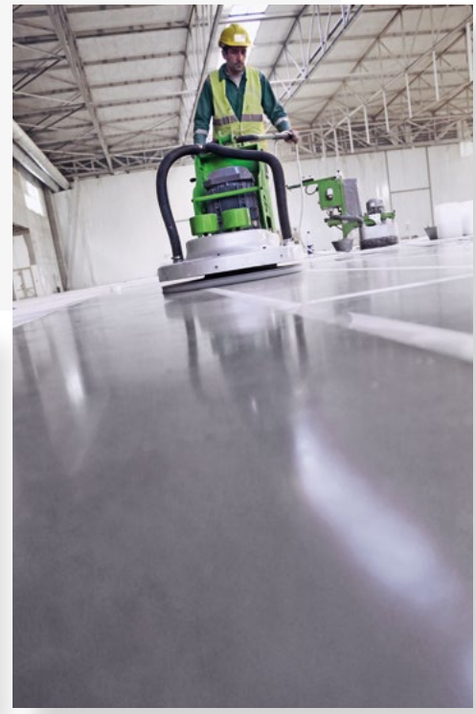
DR. SCHULZE GMBH PRESENTS A FULL RANGE OF LITHIUM-BASED CHEMICALS FOR CONCRETE TREATMENT AND MAINTENANCE TO BE APPLIED IN:

- production facilities
- warehouses and storage buildings
- car parkings
- aviation hangars
- freight terminals
- hospitals and medical facilities
- food industry estates
- shopping malls
- cinemas, schools, shops
- hotels, offices
- entrance halls, stairs
- living premises



Functions of DRS-FLOOR® concrete treatments:

- hardens the structure of the concrete
- protects the surface against wear
- increases the impact and compressive strength of concrete
- increases water, stain and chemical repellence
- makes surface easy-to-clean
- improves the natural appearance
- prevents dusting of the surface
- decreases risk of micro-cracking





Advantages of DRS-FLOOR® LITHIUM against sodium and potassium:

- smallest atom size
- lowest viscosity
- lowest alkalinity (slow and consistent reaction between lithium densifier and concrete)

DRS-FLOOR® LITHIUM

- penetrates deep into the concrete
- creates thick, hard and resistant layer on the concrete surface
- doesn´t enter any reaction with water
- doesn´t form salt debris after application or after contact with water
- doesn´t require any salt cleaning procedure after application

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRS-FLOOR® LITHIUM CONCRETE TREATMENTS

DRS-FLOOR CM



CURING-MEMBRANE

DRS-FLOOR CM is a paraffinic water-based compound, that fulfills and surpasses the requirements of ASTM C-309 „Liquid Membrane – Forming Compounds for Curing Concrete" moisture retention requirements.

DRS-FLOOR CM is to be directly applied on fresh casted concrete or screed. It creates on the surface a clear membrane and prevents the water evaporation from the surface, which ensures an increased concrete strength as well as a considerably reduced tendency to crack formation.

DRS-FLOOR SR



SURFACE REPAIR + PORE FILLER

DRS-FLOOR SR is a concrete pore and micro-crack filler with densifying function, which compounds with the grinding dust and penetrates into the concrete surface. By reacting chemically with the concrete, **DRS-FLOOR SR** forms a clear, dense, durable and hard inorganic topical surface and seals the open pores and other small defects for radical improvement of stain resistance and optical appearance

DRS-FLOOR HDS



HARDENER + DENSIFIER + SEALER

DRS-FLOOR HDS is an advanced concrete lithium-based densifier for easy single-coat application and requires no water rinsing after treatment. When sprayed it forms an extremely hard, stain resistant, dense and protective surface layer which is breathable and abrasion resistant. This multifunctional hardener, sealer, densifier creates a stronger, more impenetrable and better-looking finish (satin-glossy) that is dust-proof and resistant to staining and deterioration.
DRS-FLOOR HDS can be applied on old or fresh concrete, on floors and walls.

DRS-FLOOR HDS+



HARDENER + DENSIFIER + SALT PROTECTION + SEALER

DRS-FLOOR HDS+ provides all the protection of the **DRS-FLOOR HDS** with an additional sealing function against salts and penetrating water. It hardens, seals and densifies concrete and masonry surfaces generating a salt ion screen and water repellent characteristic even through regular maintenance, de-icing, pressure washing, pedestrian and traffic wear. It also protects and enhances the appearance of interior and exterior decorative polished concrete.

DRS-FLOOR HDSP



SEALER + POLISH + HARDENER + DENSIFIER

DRS-FLOOR HDSP is a high-performance industrial flooring protective clear coating, which hardens and seals concrete floors, producing a very hard, dust repellent, chemical resistant, maintenance-friendly and water tight surface. **DRS-FLOOR HDSP** is the optimum coating system for high-demand commercial and industrial premises - whether the surface must tolerate significant foot traffic, large equipment, abrasion or chemicals **DRS-FLOOR HDSP** ensures high durability and bond strength, ability to withstand UV, stains, chemical spills and heavy traffic.
DRS-FLOOR HDSP provides rapid curing, attractive clear glossy finish and easy application for facilities, which require maximum protection and no shutdown. After application the surface is accessible within less than 1 hour and can take the full load after only 24 hours.

DRS-FLOOR HDSP EXT



SEALER + POLISH FOR EXTERIOR APPLICATION

The function and application of **DRS-FLOOR HDSP EXT** correspond so far to those of **DRS-FLOOR HDSP** however the **HDSP EXT** ensures the ability to withstand UV and frost and therefore is suitable for outdoor applications for protection of various concrete surfaces, concrete products, masonry, slate as well as some kinds of natural stone.
Surface treated with **DRS-FLOOR HDSP EXT** gets a permanent wet gloss, provides excellent water and stain resistance and increased wear protection. Furthermore the surface becomes easy to clean and to maintain without any after-treatment.

DRS-FLOOR CT



COLOR TRANSPARENT

DRS-FLOOR CT is a unique lithium-based semi-transparent paint designed to provide industrial strength performance and an attractive finish for interior concrete. This durable penetrating color sealer hardens, dust proofs and protects the surface against UV and staining while providing a satin or a gloss finish.
Nine standard colours available - customized colours on request.

FLOOR TREATMENT EQUIPMENT

Automatic chemical applicator ACA-920

- for automatic dispersing of DRS-FLOOR® chemical concrete treatments
- much better equality of chemical´s dispersion
- **performance up to 2.000 m²/hour !!!**
- **material (chemicals) saving up to 30% !!!**
- **labor saving up to 70% !!!**
- **the fluid flow stops automatically during applicator´s stop, shunting or moving in wrong direction**
- stepless adjustable build-in pump
- portable, lightweight and easy to clean
- built-in charger with a battery run time of 5 - 7 hours



		ACA-920
Working width	[mm]	920
Voltage	[V]	230
Operating time	[hours]	5 - 7
Dimensions LxWxH	[mm]	920x800x700
Weight	[kg]	25
Price	[€]	**4.800,00**
Spare mop	[€]	88,00



Telescopic fibre mop 1150-1860 mm

Telescopic fibre mop 1150-1860 mm for application of DRS-FLOOR® chemical treatments



		Price
Telescopic handle	[€]	**48,00**
40 cm mop holder	[€]	**48,00**
90 cm mop holder	[€]	**98,00**
120 cm mop holder	[€]	**128,00**
Micro fiber mops 40 cm (10 pcs.)	[€]	**248,00**
Micro fiber mops 90 cm (10 pcs.)	[€]	**432,00**
Micro fiber mops 120 cm (10 pcs.)	[€]	**798,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRS-FLOOR® Concrete specimens 10x10 cm

For visualization of different design options we offer a variety of different specimens, which differ by the following characteristics:

- materials (concrete, screeds)
- various grinding and polishing processes
- stage of aggregate‘s exposing grade
- different treatments with DRS-FLOOR® concrete care products
- improvement of the surface quality by pore filling
- surface colouring



Various specifications, customized specimens and prices on request.

Mechanical concrete test hammer MBPH

For testing of compressive strength of concrete and consisting of a spring-loaded pin, which hits with defined and constant impact energy on the concrete surface. The indicated rebound number can be converted by using a correlation table into the compressive strength of the concrete.

- non destructive testing
- can be used in accordance to following norms: ASTM C805, EN 12504-2, BS 1881:202, DIN 1048, ISO 8045, NFP18-417, UNI 9189
- **statement about the concrete strength within a few seconds**
- mobile applicable
- scope of delivery: case, grinding stone, calibration certificate, instruction manual

		Concrete test hammer MBPH
Impact energy	[Nm]	2207
Measuring range	[MPa]	≈ 20-70
Weight	[kg]	1,5
Price	**[€]**	**990,00**

Automatic gloss meter AGM

For testing of gloss level for various surfaces. The battery-powered device is simply to be put on the surface and the gloss number can be read immediately on the illuminated display.

- fully automatic measurement in seconds
- long battery life
- integrated calibration mode
- illuminated, easy-to-read display
- can be used for different materials (stone, metal, paper, wood, paints etc.)
- scope of delivery: case, two calibration specimens, electric charger



		Gloss meter AGM
Display range		0-199
Measuring surface	[mm]	9x18
Weight	[kg]	0,2
Price	**[€]**	**780,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

PRODUCT NAVIGATOR

Machine		Page	Milling of concrete		Removal of coatings		Grinding of concrete, Terrazzo	
DBF-200-E230 **DBF-200-E400** **DBF-200-B**		104	HM5-45/6 HM6-45/6 HM8-45/6 SL-42/2	106	SR-40/11 SR-40/22 SL-42/2	106		
DBF-250-E400 **DBF-250-B** **DBF-250-TWIN**		104, 105	HM6-57/6 HM8-57/6	106	SR-57/19	106		
DBF-380		105	HM8-80/8 HM12-80/8 SM-TS-280-B	106 106 105	HM8-80/8 SR-80/19 SR-80/39	106		
ND 143 PRO		98						
DBB-700		98						
DBS-250		97			PCD-Xpert-1R L PCD-Xpert-1H L GS-PCD-R GS-PCD-H	100	DRS-3DP DRS-2DS 2DS-U..X	101
DBS-300 Vario		96			PCD-Xpert-1R PCD-Xpert-1H GS-PCD-R GS-PCD-H	100	RAZOR-C DRS-3DP DRS-2DS 2DS-U..X	101
DBS-400		97			PCD-Xpert-1R PCD-Xpert-1H GS-PCD-R GS-PCD-H	100	RAZOR-C DRS-3DP DRS-2DS 2DS-U..X	101
DBS-500-3H		92					(RAZOR-C)[2] (DRS-3DP)[2] (DRS-2DS)[2] (2DS-U..X)[2]	101
DBS-510-3H		92			PCD-Xpert-1R PCD-Xpert-2R PCD-Xpert-1H PCD-Xpert-2H	100	RAZOR-C DRS-3DP DRS-2DS	101
DBS-650-4H **DBS-820-3H** **DBS-820-4H** **DBS-820-4H RIDER**		92–95			PCD-Xpert-2R PCD-Xpert-2H	100	RAZOR-C DRS-3DP DRS-2DS	101

[1] not suitable for all applications. Should be approved on a small test surface
[2] only for easy grinding and polishing jobs on flat surfaces

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

PRODUCT NAVIGATOR

Grinding of natural stone		Polishing of concrete, Terrazzo		Polishing of natural stone		Surface cleaning	
						SL-42/2	106
		DRS-Clean-N-PAD DRS-Clean-S-PAD	103	DRS-Clean-N-PAD DRS-Clean-S-PAD	103	DRS-Clean-N-PAD DRS-Clean-S-PAD	103
		DRS-Clean-S-PAD DRS-HiSpeed-PAD	103	DRS-Clean-S-PAD DRS-HiSpeed-PAD	103	DRS-Clean-S-PAD DRS-HiSpeed-PAD	103
		DRS-HiSpeed-PAD DRS-Shine-PAD	103	(DRS-HiSpeed-PAD)[1] (DRS-Shine-PAD)[1]	103	DRS-HiSpeed-PAD DRS-Shine-PAD	103
(DRS-2DS)[1]	101	DRS-ShineMaster-Concrete-50#-3000# DRS-HybridMaster 50#-3000# DRS-CeramMaster 50#-200#	102	on request			
(DRS-2DS)[2]	101	DRS-ShineMaster-Concrete-50#-3000# DRS-HybridMaster 50#-3000# DRS-CeramMaster 50#-200#	102	on request			
DRS-2DS	101	DRS-ShineMaster-Concrete-50#-3000# DRS-HybridMaster 50#-3000# DRS-CeramMaster 50#-200#	102	on request			
DRS-2DS	101	DRS-ShineMaster-Concrete-50#-3000# DRS-HybridMaster 50#-3000# DRS-CeramMaster 50#-200#	102	on request			

Performance / size of the project

Surface quality
Removal rate

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

MULTI-DISC GRINDING / POLISHING MACHINES

DBS-500-3H

Innovative 4,0 kW / 230 V three-discs grinding machine with high performance planetary gear transmission and variable rotation speed for polishing and easy grinding jobs on even surfaces. To the further features of DBS-500-3H belong foldable weights and LED-spotlight for optimal grinding performance on every surface. The machine is dismountable in two parts within a few minutes for easy transportation.

DBS-510-3H NEW!

Innovative high performance 7,5 kW / 400 V three-discs grinding machine with high performance planetary gear transmission and variable rotation speed for various applications on diverse hard, even stone floors



		New Price DBS-500-3H	NEW! DBS-510-3H	NEW! DBS-650-4H	NEW! DBS-650-4H EV
Motor		4,0 kW / 230 V	7,5 kW / 400 V	11,0 kW / 400 V	11,0 kW / 400 V
Grinding width	[mm]	500	510	650	650
Quantity of grinding heads / diamond tools	[pcs.]	3 / 9	3 / 9	4 / 12	4 / 12
Water tank	[l]	20	10	30	30
Rotation speed	[min^{-1}]	0-400	0-150	-	-
Rotation speed of satellites	[min^{-1}]	0-1800	0-1200	0-1200	0-1200
Ø-vacuum connection	[mm]	50	70	70	70
Length	[mm]	1340	1040	1240	1240
Width	[mm]	520	535	660	660
Height	[mm]	1120	1100	1310	1360
Weight	[kg]	220	256	460	510
Price	**[€]**	**6.490,00**	**7.690,00**	**9.990,00**	**11.990,00**
Adapter-set for resin tools	**[€]**	**180,00** [1]	**180,00** [1]	**240,00** [2]	**240,00** [2]

[1] set consists of 9 quick release adapter plates AV-520 Ø80 mm with Velcro
[2] set consist of 12 quick release adapter plates AV-620 Ø100 mm with Velcro

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

MULTI-DISC GRINDING / POLISHING MACHINES

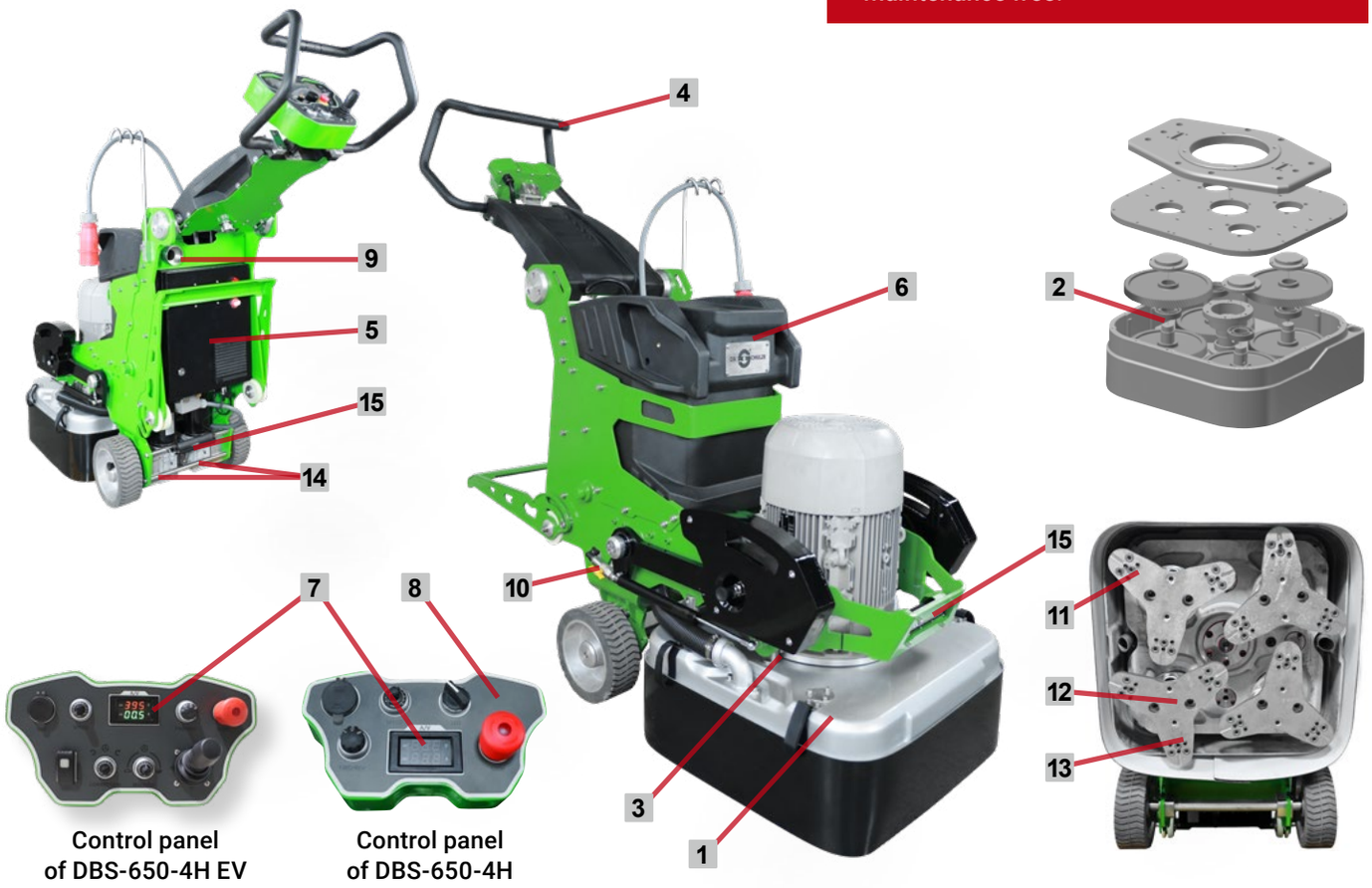
DBS-650-4H / DBS-650-4H EV NEW!

The second generation of our bestseller for surface preparation and other challenging grinding projects:

- more stability (weight +120 kg) and more motor power (+47%)
- with new ergonomic design and numerous adjustments
- with LED-projectors in front and in back for grinding result inspection
- new control panel with USB-charger and display of electric current data

- **HIGHLIGHT: DBS-650-4H EV with electric feed motion including travel direction correction and comfortable joystick control**

Due to replacement of a common belt drive by high performance gear transmission our grinding machines are characterized by smoother running, higher load capacity as well as less noise emission and are nearly maintenance free!



Control panel of DBS-650-4H EV

Control panel of DBS-650-4H

GENERAL TECHNICAL FEATURES

1 CNC machined gear box made of high quality aluminum alloy
2 high performance gear transmission with high-class gear wheels made of special steel alloy for highest capacity and long lifetime
3 always optimal machine position towards the surface due to flexible fixation of the grinding head
4 height-adjustable handle
5 rotation speed continuously adjustable due to high performance frequency converter
6 remarkably stable and lightweight water tank grace to centrifugal casting process
7 LED-display
8 control panel with emergency stop function
9 connection for industrial vacuum cleaner for dust-free operation
10 comfortable control of water flow
11 elastically mounted grinding heads reduce vibrations and upgrade the surface quality
12 combi-plate for mounting of metal and resin bonded tools
13 DRS-LOCK fixing system for grinding tools
14 Dual-drive system of DBS-650-4H EV incl. direction correction and joystick control
15 LED-Light for grinding result inspection

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

MULTI-DISC GRINDING / POLISHING MACHINES



DBS-820-3H
3 planetary heads
optimal for perfect quality
of even floors



DBS-820-4H
4 planetary heads
optimal for smoothing
of uneven floors



DBS-820-4H EV

DBS-820-3H
DBS-820-4H

DBS-820-4H / DBS-820-4H EV / DBS-820-3H REMOTE

Innovative and high performance 11 kW / 400 V multi-disc grinding machine with high-performance planetary gear transmission and wireless remote control (only DBS-820-3H REMOTE) or electric feed motion (only DBS-820-4H EV) for extra large projects.



Remote control of DBS-820-3H REMOTE

General technical features

- CNC-machined gear box made of high quality aluminium alloy
- high performance planetary gear transmission with gear wheels made of special steel alloy for highest capacity and long lifetime
- always optimal and consistent tool pressure on the surface due to flexible fixation of the grinding head
- height-adjustable handle
- rotation speed continuously adjustable due to high performance frequency converter
- remarkably stable and lightweight water tank produced by centrifugal casting process
- LED-Display
- control panel with emergency stop button
- double-sides connection for industrial vacuum cleaner for dust-free operation
- comfortable adjustment of water flow
- tiltable support wheel for adjustment of grinding pressure
- **stepless electrical adjustment of grinding pressure**
- elastically mounted grinding heads reduce vibrations and upgrade the surface quality
- universal tool holder for mounting of metal and resin tools
- **DRS-LOCK fixing system for grinding tools**
- **wireless remote control for all main machine functions (only DBS-820-3H REMOTE)**
- **NEW: DBS-820-4H EV with electric feed motion including travel direction correction and comfortable joystick control**



Control panel of DBS-820-4H EV

		New Price! DBS-820-4H	DBS-820-4H EV	New Price! DBS-820-3H REMOTE
Motor		11 kW / 400 V	11 kW / 400 V	11 kW / 400 V
Grinding width	[mm]	780	780	780
Quantity of grinding heads / diamond tools	[pcs.]	4/12 (4/24[1])	4/12 (4/24[1])	3/9 (3/18[1])
Water tank	[l]	30	30	10
Rotation speed	[min^{-1}]	0-110	0-110	0-180
Rotation speed of satellites	[min^{-1}]	0-850	0-850	0-850
Ø-vacuum connection	[mm]	70	70	70
Length	[mm]	2300	2300	2300
Width	[mm]	800	800	800
Height	[mm]	1500	1500	1500
Weight	[kg]	500	500	530
Price	**[€]**	**17.990,00**	**22.990,00**	**29.990,00**
Adapter-set for resin tools	**[€]**	**240,00** (12 pcs.)	**240,00** (12 pcs.)	**180,00** (9 pcs.)

[1] optionaly

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DBS-820-4H RIDER

DBS-820-4H RIDER

With this new ride-on grinding machine every demanding grinding job can be completed fatigue-free in shortest time. The DBS-820-4H RIDER is based on the proven planetary gear transmission of the DBS-820 series and sets benchmarks in terms of efficiency, easiness of operation and surface quality, especially for large projects.





General technical features

- **CNC-machined high-performance planetary gear box made of high-quality aluminum alloy with gear wheels made of special steel for maximum load capacity and long lifetime**
- **front wheel with electro-mechanical drive for adjustment of the grinding pressure and for easy transportation**
- **hydraulic lift system for comfortable replacement of grinding tools**
- **integrated battery supplies all important machine functions (including lifting for tool replacement) for easy machine transport even without power connection**
- **CNC machined control panel with all main functions and emergency stop button**
- **comfortable control of the machine by joystick**
- steady constant position of the machine to the floor due to flexible fixation of the grinding head
- stepless adjustment of the grinding speed through a high-performance frequency converter
- movable additional weights for adjustment of the grinding pressure
- LED lighting of the working area for comfortable operation
- height-adjustable handle for manual grinding
- double-sided connection for industrial vacuum cleaners for dust-free operation
- flexible mounted tool holders reduce vibration and upgrade surface quality
- universal tool holder for mounting of PCD, metal and resin bonded tools
- **DRS-LOCK - tool-free fastening system for grinding tools**

VIDEO

		DBS-820-4H RIDER
Motor		15 kW / 400 Volt / 32 A
Grinding width	[mm]	780
Number of grinding heads / grinding tools	[pcs.]	4/24
Rotation speed main plate	[min^{-1}]	0-300
Rotation speed satellites	[min^{-1}]	0-1200
Length / transport length	[mm]	2400 / 1600
Width / transport width	[mm]	900 / 900
Height / transport height	[mm]	1450 / 1200
Weight	[kg]	730
Price	**[€]**	**on request**
Adapter set for polishing tools	[€]	**480,00** (24 pcs.)



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DBS-300 VARIO

DBS-300 Vario

This innovative grinding machine is optimally suited for the effective processing of small and medium sized areas as well as for corner processing along the walls. Due to its continuously variable grinding speed through an integrated frequency converter, the DBS-300 Vario can be used with all types of grinding tools: **PCD milling tools, metal bonded grinding shoes and resin bonded polishing pads.**

General technical features

- grinding head swivels to the both sides and allows almost borderless grinding along the walls
- flexibly mounted dust protection cover with removable front segment and two support rollers ensures dust-free operation
- **electrical grinding head height adjustment for modulation of the grinding angle**
- **depending on the adjusted height of the grinding head, the machine‘s balance changes and pulls the grinding head to left or right, so that the grinding tools come even closer to the wall**
- **integrated frequency converter for stepless adjustment of the grinding speed allows optimal use of various grinding tools**
- can be dismantled in 2 parts (56 and 77 kg) within minutes for easy transport on construction sites without elevator or crane
- LED display with digital amperemeter for control of the operating status and for avoiding of overloads
- flexible cardan mounted tool holder reduces vibrations and compensates floor unevenesses
- foldable handle for easy and comfortable transport
- stepless height adjustment of the handle
- comfortable control panel with all main functions, LED display and emergency stop button
- integrated water tank with control valve for wet grinding
- brush seal and large dimensioned industrial vacuum cleaner connection for dust-free operation
- LED lighting of the working area for comfortable operation
- **DRS-LOCK - tool free fastening system for all PCD, DRS-2DS and resin bonded tools (ShineMaster, HybridMaster, CeramMaster)**



VIDEO

		DBS-300 Vario
Motor		4,0 kW; 230 Volt; 16 A
Grinding width	[mm]	300
Number of grinding heads / grinding tools	[pcs.]	1/4
Ø-vacuum cleaner connection	[mm]	50
Rotation speed	[min^{-1}]	0-1200
Length	[mm]	1600
Width	[mm]	500
Height	[mm]	1060
Weight	[kg]	133
Transport weight	[kg]	56 +77
Price	**[€]**	**5.490,00**
Adapter set for polishing tools	**[€]**	**80,00** (4 pcs.)





Control panel of DBS-300 VARIO

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

SINGLE-DISC GRINDING MACHINES

DBS-250

Light, handy and powerful grinding machine with 230V power connection for wet and dry grinding of various stone floors.

rotatable grinding head for grinding in corners

DRS-LOCK fixing system for grinding tools



General technical features

- elastic tool fixing system for reduction of vibrations and compensation of ground unevennesses
- excentric adjustment system for setting of grinding angle
- integrated spirit level for precise leveling
- foldable handle for transport
- stepless adjustment of the handle's working height
- easily reachable emergency stop button
- tiltable grinding head for grinding close to the walls
- removable protection cover for grinding in corners
- water connection for wet grinding
- brush seal ring and large vacuum cleaner connection for dust-free grinding
- **DRS-LOCK fixing system for grinding tools (4 DRS-LOCK grinding tools)**

VIDEO



DRS-250-20DS-C40

for hard concrete



DRS-250-20DS-A40

for abrasive concrete and screeds



DRS-LOCK fixing system for grinding tools



DBS-400

Powerful, robust and simple in use single disc machine for grinding of miscellaneous surfaces. Suitable for grinding of terrazzo and concrete as well as for removing epoxy adhesives, paints and pollutions. Also suitable for wet grinding.

DRS-250-PCD

for effective removal of coatings



for effective grinding and roughening of concrete

General technical features

- easy to operate
- dust extraction outlet for dust-free processing
- with water connection for wet grinding
- exceeding grinding performance
- powder-coated components
- incl. grinding base plate for mounting of 3 or 6 diamond or PCD tools
- **DRS-LOCK fixing system for grinding tools (3 or 6 DRS-LOCK grinding tools)**

VIDEO



General technical features

- DRS-250-20DS-C40/A40 with 20 high-performance diamond segments 40x10x10 mm
- DRS-250-PCD with 10 high-strength semi-circular PCD picks and 10 support segments 40x10x6 mm
- adapted segment specification for optimal performance
- DRS-250-20DS-C40/A40 can be used for smooth removal of coatings up to 2-3 mm
- DRS-250-PCD for effective removal of thicker coatings
- compatible with most common grinders Ø250 mm
- optimally designed for our DBS-250 floor grinder

		DBS-250	DBS-400
Grinding width	[mm]	250	400
Motor		2,2 kW, 230 V	4 kW, 400 V
Rotation speed	[min^{-1}]	1410	1070
Ø-vacuum connection	[mm]	50	70
Length	[mm]	800	1350
Width machine / handle	[mm]	420	410/730
Height	[mm]	860	1000
Weight	[kg]	60	100
Price incl. diamond tool set	**[€]**	**1.890,00[1]**	**3.990,00[2]**
Velcro holder for fixation of polishing PADs	**[€]**	**160,00**	**-**

[1] 4 pcs. diamond grinding tools 2DS-U..X
[2] 3 pcs. diamond grinding tools DRS-2DS or DRS-3DP

	Price [€]
DRS-250-20DS-C40	**290,00**
DRS-250-20DS-A40	**290,00**
DRS-250-PCD	**384,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

POLISHING MACHINES

Universal cleaning and polishing machine ND 143 PRO

High-torque single-disc machine with a working width of 410 mm and a robust, maintenance-free drive system for exceptionally smooth running, long service life and optimum performance. Optimally suitable for various dry and wet cleaning work as well as for dispersion of DRS-FLOOR concrete treatment in concrete floors.

INCLUDED WITH DELIVERY:
- water tank
- standard PAD-drive plate Ø380 mm (for PADs up to Ø410 mm)
- scrub brush Ø410 mm (medium hard; PPN 0,75 mm)
- scrub brush Ø410 mm (soft; PPN 0,45 mm)
- removable weight (2x14 kg)
- connection cable (12 m with kink protection)



- maintenance-free and robust transmission
- ergonomically height adjustable handle with hand protection
- tool change without additional tools
- long 12 m connection cable with kink protection
- extensive accessories included
- for processing of wood, stone, tile, carpet and concrete floors

DBB-700 / BURNISHER

High-speed polishing machine 7,5 kW / 400 V with stepless adjustable rotation speed of up to 2500 min^{-1} for extreme daily outputs of polishing and increasing of gloss as well as for thermal treatment of impregnated concrete

VIDEO

Applications

- polishing of large surfaces with diamond-impregnated DRS-HiSpeed-PADs
- **priming and increasing of effectiveness of DRS-FLOOR® lithium-based concrete treatments**
- **improvement of DRS-FLOOR® concrete hardness and wear resistance due to thermal treatment of the surface**
- **surface gloss improvement**



- powerful 7,5 kW / 400 V Motor
- height-adjustable handle
- automatic tensioning system of the V-belt drive
- high quality frequency converter for rotation speed adjustment 0-2500 min^{-1}
- extreme daily output due to the large working width and high engine power

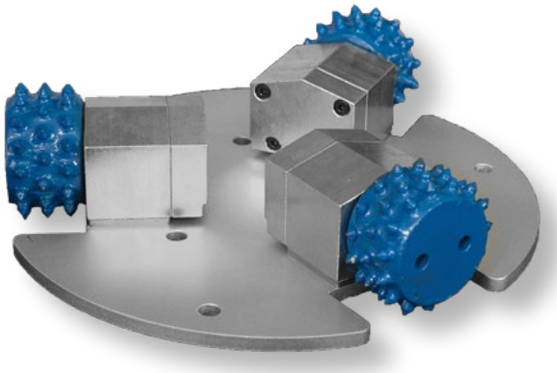


		ND 143 PRO	DBB-700
Motor		1,8 kW / 230 V	7,5 kW / 400 V
Grinding width	[mm]	380-430	700
Rotation speed	[min^{-1}]	168	0 - 2500
Ø-vacuum connection	[mm]	-	50
Weight	[kg]	45 + 2x14	160
Price	**[€]**	**1.380,00**	**5.990,00**
PAD-drive plate Ø410 mm with Dom-increase (for PADs up to Ø430 mm)		**98,00**	**-**
Recommended tools		DRS-Clean-N-PAD	DRS-Clean-S-PAD
		DRS-Clean-S-PAD	DRS-HiSpeed-PAD

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DRS-MILL: INNOVATIVE FLOOR MILLING TECHNOLOGY

DRS-MILL - the most efficient and non-destructive way of material removal





Applications

Industrial floor renovation / refurbishment:
- quick exposing of aggregate
- removal of old coatings
- roughening for recoating
- leveling

Road construction / infrastructure:
- add non-slip texture to roads, pavements and public areas
- renovate, level and texture weathered surfaces

Architecture
- achieve high grip surface with “shot blasted” appearance

Product-Highlights

- dust and splash-proof housing
- optimally matched sealing elements
- optimized carbide picks design
- fully protected ball bearing
- compatible with most floor grinders
- create uniform textured surface without grooves or tramlines
- **makes your grinding machine to all-in-one solution**



		DRS-MILL
Tool diameter	[mm]	45
Compatible with		DBS-510-3H DBS-650-4H DBS-820-3H DBS-820-4H
Price DRS-MILL milling head (1 pcs.)	**[€]**	**144,00**
Price of conversion kit for grinding machines[1]		
DBS-510-3H	**[€]**	**890,00**
DBS-650-4H	**[€]**	**890,00**
DBS-820-3H	**[€]**	**890,00**
DBS-820-4H	**[€]**	**890,00**

[1] without DRS-MILL heads

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

PCD-MILLING TOOLS

PCD-Xpert-2R / PCD-Xpert-1R / PCD-Xpert-2H / PCD-Xpert-1H

- high-performance PCD-picks for effective coating removal
- special-shaped support segments with PCD-split
- **DRS-LOCK tool fastening system**

PCD-Xpert-2R with 2 round PCDs: removal of hard coatings with heavy grinding machines
PCD-Xpert-1R with 1 round PCD: removal of hard coatings with middle-weight grinding machines
PCD-Xpert-2H with 2 sharp PCDs: removal of soft, elastic coatings with heavy grinding machines
PCD-Xpert-1H with 1 sharp PCD: removal of soft, elastic coatings with middle-weight grinding machines

★★★★★



PCD-Xpert-2R

PCD-Xpert-1R



PCD-Xpert-2H

PCD-Xpert-1H

	Price [€] / Part number	
	left-running machines[1]	**right-running machines**[2]
PCD-Xpert-2R	**146,00** (PCD-Xpert-2R L)	**146,00** (PCD-Xpert-2R R)
PCD-Xpert-1R	**96,00** (PCD-Xpert-1R L)	**96,00** (PCD-Xpert-1R R)
PCD-Xpert-2H	**132,00** (PCD-Xpert-2H L)	**132,00** (PCD-Xpert-2H R)
PCD-Xpert-1H	**86,00** (PCD-Xpert-1H L)	**86,00** (PCD-Xpert-1H R)

[1] anticlockwise looking from the bottom on the tool holder
[2] clockwise looking from the bottom on the tool holder



DRS-LOCK ADAPTER

With our universal DRS-LOCK adapter you can convert all older Dr. Schulze grinding machines or machines from the other manufacturers to our DRS-LOCK tool-free fastening system for grinding tools!

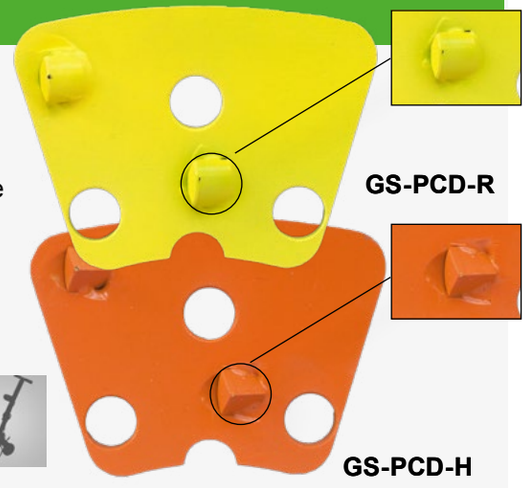
- universal design for nearly all grinding machines
- extremely strong fixation of the grinding tool and tool replacement within seconds
- 2 ways of fixation of DRS-LOCK adapter on the tool holder with only 3 M6 screws:
  Option A: with nut from the back side of the through bore-hole
  Option B: with M6 thread produced in tool holder plate
- fastenings included in scope of delivery
- height approx. 8 mm
- can be used with all DRS-LOCK grinding and milling tools



	Price [€]
DRS-LOCK ADAPTER	**38,00**

GS-PCD-R / GS-PCD-H

- for removal of various coatings, adhesives, sealing, colors, soft screeds
- with 2 high performance PCD picks
- **DRS-LOCK tool fastening system**
- **GS-PCD-R** with round PCD picks for harder coatings, less aggressive
- **GS-PCD-H** with sharp PCD picks for thick, elastic coatings, most aggressive



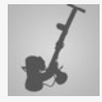
GS-PCD-R

GS-PCD-H

★★★

	Price [€]
	left-running machines[1]
GS-PCD-R	**84,00**
GS-PCD-H	**84,00**

[1] anticlockwise looking from the bottom on the tool holder



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

GRINDING TOOLS WITH METAL BOND

RAZOR-C20...C120 / DRS-3DP-C20...120 / A20...120



extreme removal rate



RAZOR - revolutionary grinding segment for previously unattainable removal rate on hard concrete floors
DRS-3DP – new generation of our bestseller DRS-2DS in new design and with many technical advantages

Grinding plate with 3 round high-performance diamond segments Ø18x12 mm
- significantly faster removal speed with superior tool life due to a new segment specification
- **full aggregate exposing in less grinding steps**
- optimal pressure distribution on 3 grinding segments for an equal floor finish
- top rounded segments for best grinding performance from the very beginning
- **segment height 12 mm**
- customization of the segment specification for special requirements possible
- **DRS-LOCK fastening system**



★★★★★

DRS-2DS-C16 / DRS-2DS-A6...A16



Grinding plate with 2 high performance diamond segments 40x10x10 mm
- available in numerous segment specifications for various applications
- **adaptation of the segment specification to the special requirements possible**
- Segment height 10 mm
- **DRS-LOCK fixing system**



★★★★

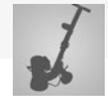
Diamond grit / Application	Concrete, hard stone floors	Abrasive, soft stone floors	RAZOR hard concrete
Ultra coarse / for removing of coatings and thicker concrete layers (soft, abrasive concrete only!)	-	DRS-2DS-A6	-
Extra-coarse / for coarse grinding jobs and for removal of coatings	DRS-2DS-C16	DRS-2DS-A16	-
Rough grinding / quick material removing, roughening of surface	DRS-3DP-C20	DRS-3DP-A20	RAZOR-C20
Medium rough / planing of surface, removing of larger scratches	DRS-3DP-C40	DRS-3DP-A40	RAZOR-C40
Medium fine / grading of the surface, removing of smaller scratches	DRS-3DP-C60	DRS-3DP-A60	RAZOR-C60
Fine / fine grinding of preprocessed surface	DRS-3DP-C80	DRS-3DP-A80	RAZOR-C80
Extra fine / final finish for perfect surface	DRS-3DP-C120	DRS-3DP-A120	RAZOR-C120
Price [€]	**74,00 €**	**74,00 €**	**90,00 €**

Grinding plates 2DS-U..X

with 2 diamond segments 40x8x8 mm

★★★

- universal for concrete and different stone floors
- segment height 8 mm
- available in 5 grits (diamond size)
- **DRS-LOCK fixing system**



2DS-U16X	2DS-U20X	2DS-U40X	2DS-U60X	2DS-U120X
				
U16X rough grinding, excellent productivity in softer concrete types	U20X rough grinding, excellent productivity in harder concrete types	U40X medium grinding for smooth surfaces	U60X final grinding for fine surfaces without scratches	U120X extra fine grinding for excellent surfaces
54,00 €	**50,00 €**	**46,00 €**	**46,00 €**	**46,00 €**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

POLISHING TOOLS WITH RESIN BOND

DRS-ShineMaster-Concrete 50# - 3000#

- innovative resin bond polishing pads
- **effective working height 12 mm**
- excellent surface quality (deep gloss, no sanding marks)
- excellent grinding performance well above the market standard
- color-neutral version of the polishing pad prevents the discoloration of the ground
- fastening by Velcro
- available in grit sizes **50#, 100#, 200#, 400#, 800#, 1500#, 3000#**
- suitable for concrete, terrazzo and hard floors

★★★★★





DRS-HybridMaster-Concrete 50# - 3000#

- for removing of scratches
- hybrid metal resin bond

- **special Hybrid-tool with metal/resin bond**
- **effective working height 12 mm**
- **effective removing of scratches during the intersection from metal to resin bond grinding tools**
- **much better tool life compared to resin tools**
- fixation by Velcro
- available grits **50#, 100#, 200#, 400#, 800#, 1500#, 3000#**
- suitable for concrete, terrazzo, hard stone floors

★★★★★





DRS-CeramMaster-Concrete 50# - 200# NEW

High removal rate!
Less grinding steps!
Removes all scratches!

- special hybrid-tool with metal/ceramic-bond
- **allows skipping of grinding steps, e.g. from metal #40 directly to resin #100**
- **effective removal of scratches during the intersection from metal to resin grinding tools**
- **effective working height 12 mm**
- fixation by Velcro fastener
- available in grits **50#, 100#, 200#**
- concrete floors, terrazzo, hard floors, selective natural stone

★★★★★





NEW

	Diameter [mm]	Grit size	Price [€]
DRS-ShineMaster-Concrete	80	50#, 100#, 200#, 400#, 800#, 1500#, 3000#	**28,00**
DRS-HybridMaster-Concrete	80	50#, 100#, 200#, 400#, 800#, 1500#, 3000#	**38,00**
DRS-CeramMaster-Concrete	80	50#, 100#, 200#	**36,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

POLISHING PADS

DRS-Clean-N-PAD

Universal cleaning-PADs for slow running single-disc machines (max. 200 min^{-1})
- high holding capacity of dirt, long lifetime, thickness approx. 22 mm
- adapted for PVC, polymers, natural and artificial stone, tiles, concrete, parquet, wood
- available as:

★★★ **white (soft) - for polishing and surface gloss improvement**
red (medium)- for cleaning (also wet)
green (hard) - for rough surface cleaning



DRS-Clean-S-PAD

High performance-PADs for fast running single-disc machines
- usable up to approx. 3000 min^{-1}
- variable material-mix (synthetic fibres / natural bristles)
- low friction heat
- suitable for nearly all floors
- available as:

★★★★ **Nature light - for hard floors**
Nature medium - for medium hard floors
Nature - for soft floors



DRS-HiSpeed-PAD

available grits #400, 800, 1500, 3000

Diamond-impregnated PADs for polishing of concrete and other hard stone floors
- even surface gloss due to high PAD-flexibility
- complete upper PAD-layer is impregnated with diamonds
- extremely great daily output achievable
- optimal for post-treatment of DRS-FLOOR® concrete care products with DBB-700
- stepwise polishing of the surface due to diamond grit gradation (**#400, 800, 1500, 3000**)

★★★★★



DRS-Shine-PAD

available grits #200, 400, 800, 1500, 3000

Special PADs with partial diamond coating
for achieving a consistent gloss on uneven surfaces and for the processing of heavy accessible areas
- better polishing result on uneven surfaces than with resin PADs
- aggressive polishing process due to high diamond concentration
- stepwise polishing of the surface due to diamond grit gradation (**#200, 400, 800, 1500, 3000**)

★★★★★



Ø [mm]	DRS-Clean-N-PAD	DRS-Clean-S-PAD	DRS-HiSpeed-PAD #400, 800, 1500, 3000	DRS-Shine-PAD #200, 400, 800, 1500, 3000
170	-	-	-	**68,00 €**
250	-	-	**48,00 €**	**110,00 €**
410	**15,00[1] €**	**18,00[1] €**	-	-
510	**22,00[1] €**	**26,00[1] €**		
530	**24,00[1] €**	**28,00[1] €**	-	-
685	-	**52,00[1] €**	**140,00 €**	-
Applicable with	ND 143 PRO	ND 143 PRO DBB-700	DBS-250 DBB-700	DBS-250

[1] Minimum order quantity 5 pieces

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

FLOOR MILLING MACHINES / SCARIFIERS

DBF-200-E230 / DBF-200-E400 / DBF-200-B

Light and handy floor milling machine with electric (E230 / E400) or petrol (B) engine with a grinding width of 200 mm and excellent maneuverability can be optimally used for processing of small areas and difficult-to-access places.

Milling drums MD-200/4 TWIN and MD-350/5 TWIN have two installation positions for their hardened axles and therefore assure a double life

VIDEO



DBF-200-E230 | DBF-200-E400 | DBF-200-B | DBF-250-E400 | DBF-250-B

DBF-250-E400 / DBF-250-B

Universal and powerful floor milling machine with electric (E400) or petrol (B) engine with a grinding width of 250 mm and an optimal proportion between weight and performance. The working depth can be preset via quick-lowering mechanism in a few seconds and be adjusted infinitely variable by wheel. The user-friendly design allows the replacement of the drum on the construction site in less than 5 minutes and guarantees comfortable maintenance and operation.

Milling drum MD-250/6 with its 6 hardened axles takes a variety of different milling and peeling tools



Milling drum MD-250/6 with HM6-57/6

		DBF-200-E230	DBF-200-E400	DBF-200-B	DBF-250-E400	DBF-250-B	DBF-250-TWIN	DBF-380 TWO-IN-ONE
Working width	[mm]	200	200	200	250	250	250	350/380
Engine		2,2 kW 230 V	2,2 kW 400 V	Honda GX160 4,0 kW	4,0 kW 400 V	Honda GX270 6,3 kW	2 x motors 4,0 kW / 400 V	15,0 kW 400 V
Recommended milling depth	[mm]	0 - 3	0 - 4	0 - 3	0 - 5	0 - 5	0-10	>10
Distance to wall	[mm]	40	40	40	60	60	60	
Ø-vacuum connection	[mm]	50	50	50	70	70	70	80/100
Length	[mm]	1050	1050	1050	1270	1270	1700	1700
Width	[mm]	370	370	370	460	460	470	650
Height	[mm]	1020	1020	1020	1220	1220	1100	1300
Weight	[kg]	68	80	72	135	150	286	≈500
Price incl.:	**[€]**	**2.890,00**	**2.890,00**	**2.990,00**	**4.490,00**	**4.800,00**	**9.800,00**	**25.490,00**[1]
Milling drum		MD-200/4 TWIN	MD-200/4 TWIN	MD-200/4 TWIN	MD-250/6	MD-250/6	2x MD-250/6	-
Milling tools		HM5-45/6	HM5-45/6	HM5-45/6	HM6-57/6	HM6-57/6	HM6-57/6	-
Spare milling drum (incl. axles, without tools)	**[€]**	**310,00** MD-200/4 TWIN	**310,00** MD-200/4 TWIN	**310,00** MD-200/4 TWIN	**580,00** MD-250/6	**580,00** MD-250/6	2x **580,00** 2x MD-250/6	**1.140,00** MD-350/5 TWIN
Set of spare axles	**[€]**	**36,00** (4 pieces)	**36,00** (4 pieces)	**36,00** (4 pieces)	**72,00** (6 pieces)	**72,00** (6 pieces)	2x **72,00** (12 pieces)	**178,00** (5 pieces)

[1] without drum and diamond cutting blades

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

FLOOR MILLING MACHINES / SCARIFIERS

Double drum floor milling machine DBF-250-TWIN

VIDEO



Each of the two drums of this innovative milling machine is driven by one powerful motor 4,0 kW/400 V.
Two opposite rotating drums ensure not only a double removal performance, but also increase the effectiveness of the dust extraction. With the peeling wheels SR-57/19 mounted on the first drum and with millings tools HM6-57/6 mounted on the second drum, the machine can remove a coating, clean the surface and prepare it for re-coating in only one single operation. The integrated electro-hydraulic feed motion system ensures easy operation and extremely high daily production rates.
Due to its long wheel base DBF-250-Twin is optimal suitable for levelling of uneven surfaces.

DBF-380 TWO-IN-ONE

Innovative and extremely powerful floor milling machine with 15 kW electric motor, electro-hydraulic feed drive (stepless adjustable speed forwards/backwards), height-adjustable handle and quick-lowering mechanism. Due to its enormous power, this machine is particularly suitable for difficult milling jobs on hard concrete floors as well as for large-scaled projects. Strong design of all machine's components ensure long life and highest reliability even under the most demanding working conditions.

Cutting width up to 380 mm!!!
Cutting depth up to 30 mm!!!



DUAL FUNCTION:

- milling with carbide drum of 350 mm width
- cutting with up to 80 diamond blades up to 380 mm total width and up to 30 mm cutting depth!!!

Working sequence for removing centimeter thick concrete layers:
- cutting with a set of diamond blades, assembled with about 10 mm distance between them
- milling of remaining concrete bars with carbide drum cross to the cutting direction of the diamond blades
- for larger removal depths these steps can be repeated several times

REQUEST THE SPECIAL CATALOG FOR DBF-380!

CATALOG

VIDEO

TECHNICAL DESCRIPTION:

- conversion from the milling drum to diamond blades within a few minutes
- height-adjustable handle with vibration damping for fatigue-free working
- feed drive via an electro-hydraulic variator with separate electric motor
- automatic star-delta start with phase monitoring
- comfortable cutting depth adjustment via easily accessible hand wheel
- LED lighting of the working area for comfortable operation
- industrial vacuum connection with Ø80 or Ø100 mm for dust-free operation
- comfortable and fast tool replacement
- powder coated components for a long service life

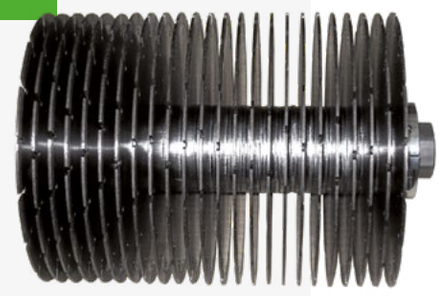
Due to conversion of the DBF-380 for cutting with diamond blades concrete layers of larger thicknesses can be removed economically and quickly

SM-TS-280-B / SM-TS-280-BW / SM-TS-280-BWW

- special saw blade Ø280 mm for DBF-380
- **power P 10 - 20 kW**

★★★★★

- special bore
- segment height **10 mm**
- concrete, coatings
- **SM-TS-280-B**
  improved tool-life for soft concrete
- **SM-TS-280-BW**
  faster cutting speed in hard concrete
- **SM-TS-280-BWW**
  soft bond for extremely hard concrete floors



	Price [€]
SM-TS-280-B / BW / BWW	**136,00**
SM-TS-280-B28 / BW28 / BWW28 (Set with 28 pcs.)	**3.808,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

TOOLS FOR FLOOR MILLING MACHINES

Tool (Diameter x Bore x Width)	**Picture**	**Description**	**Unit price [€]**	**Drum's configuration** (Qnty milling tools / qnty spacers)			**Price refill set** (incl. spacers) **[€]**	**Price complete drum** with tools **[€]**
				DBF-200	DBF-250	DBF-380		
HM5-45/6 45x15x6 mm		- 5 high-quality carbide peaks - smooth removal	**2,30**	80/92			**211,60**	**581,60**
HM6-45/6 45x15x6 mm		- 6 high-quality carbide peaks - high performance	**3,90**	80/92			**339,60**	**709,60**
SL-42/2 42x15x2 mm		- made of premium alloyed steel - removal of rust, dirt, thin coatings	**0,70**	348/0			**243,60**	**613,60**
SR-40/11 40x15x11 mm		- 5 high quality carbide cutters -very aggressive while removal of coatings	**24,00**	44/88			**1.082,40**	**1.452,40**
SR-40/22 40x15x22 mm		- 5 high quality carbide cutters - smooth removal of coatings	**38,00**	20/108			**792,40**	**1.162,40**
HM6-57/6 57x18x6 mm		- 6 high quality carbide peaks - smooth removal	**4,10**		126/264		**595,80**	**1.235,80**
HM8-57/6 57x18x6 mm		- 8 high quality carbide peaks - high performance, increased tool life	**7,20**		126/264		**986,40**	**1.626,40**
SR-57/19 57x18x19 mm		- 6 high quality carbide cutters - smooth removal of coatings	**29,00**		36/282		**1.128,60**	**1.768,60**
HM8-80/8 80x30x8 mm		- 8 high quality carbide peaks - high performance	**7,50**			105/215[1] 135/155[2]	**938,00[1]** **1.121,00[2]**	**2.168,00[1]** **2.351,00[2]**
HM12-80/8 80x30x8 mm		- 12 high quality hard metal sheaths - smooth removal	**10,90**			105/215[1] 135/155[2]	**1.295,00[1]** **1.580,00[2]**	**2.525,00[1]** **2.810,00[2]**
SR-80/19 80x30x19 mm		- 6 high quality carbide cutters - very aggressive while removal of coatings	**60,00**				**on request**	
SR-80/39 80x30x39 mm		- 6 high quality carbide cutters - smooth removal of coatings	**108,00**				**on request**	
DS-24/2,5 24x13x2,5 mm		hardened spacer for DBF-200 and DBF-250	**0,30**					
DS-50/4 50x23x4 mm		hardened spacer for DBF-380	**0,70**					

[1] coarse milling drum **MD-350/5 G** [2] fine milling drum **MD-350/5 F**



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

AIR FILTER SYSTEM V33/510 A-LP

V33/510 A-LP – THE FIRST MEMBER OF THE NEW GENERATION OF DR. SCHULZE VACUUM CLEANERS!

The fully automatic vacuum cleaner V33/510 A-LP **(3,30 kW / 230 V / 510 m³/h)** with innovative and patented **filter cleaning system D-CLEAN** and many further features, which make the vacuum to the first choice for middle-sized grinding projects!



D-CLEAN – INNOVATIVE AND PATENTED FILTER CLEANING SYSTEM:

1. Stage: Cyclone system for separation of larger particles protects vacuum from abrasive materials and increases lifetime of the filters.
2. Stage: Steel filter guards with tangential air inlet enlarge the cyclonic effect, protect filters from direct dust impact, decrease the dust speed and improve the efficiency of filtration.
3. Stage: Time-shifted sequence of filter cleaning by micro-vibration enables a constant suction performance and guarantee the autonomous filter cleaning without any intervention by the operator.

GENERAL TECHNICAL DESCRIPTION

- compact dimensions and excellent manoeuvrability for comfortable handling during work and transportation
- **serial lift system with integrated gas spring for lowering of the vacuum for transportation**
- **three HEPA+PTFE combi-filters at standard**
- **serial LONGOPAC bag system for 100% dust-free material disposal**
- optional 100 liter dust container with wheels, interchangeable with LONGOPAC system
- stable and robust steel structure with powder coating
- increased dust inlet Ø90mm with Ø70mm reducer
- serial 10-meter antistatic hose Ø70 mm with rubber cuffs for connection of grinding machines
- serial accessories kit Ø50 mm: reducer Ø90/50 mm; 5-meter antistatic hose with rubber cuffs, double bended handgrip pipe, 500 mm metal floor brush with adjustable wheels



INCLUDING EXTENSIVE SET OF ACCESSORIES AND THE MAIN SUCTION HOSE



Accessories kit with metal floor nozzle

		V33/510 A-LP
Motors		3x 1,10 kW / 230 V / 16 A
Max. air flow	[m³/h]	510
Max. depression	[mbar]	230
Filter surface	[m²]	2,1
Filter type		3 combi-filter HEPA + PTFE
Dust inlet Ø	[mm]	90/70/50
Dimensions LxBxH	[mm]	860x580x1430
Transport height	[mm]	1270
Weight	[kg]	76
Scope of delivery:		
Suction hose		10 m / Ø70 mm
Accessories kit		5 m / Ø50 mm
Floor nozzle		500 mm, metal, adjustable
Price	**[€]**	**4.990,00**
Spare HEPA+PTFE filters (set 3 pcs.)	**[€]**	**460,00**
Spare LONGOPAC cartridge 22 m (4 pcs.)	**[€]**	**198,00**
Dust container 100 liter with wheels	**[€]**	**560,00**



Combi HEPA+PTFE filter with steel guards and micro-vibration activator

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

AIR FILTER SYSTEMS

All types are now available with LONGOPAC-dust collector! Quick, easy and 100% dust-free!



S23/360 M with optional LONGOPAC

S23/360 M

Mobile and compact vacuum cleaner (**2,3 kW / 230 V / 360 m³/h**) with manual filter cleaning system for smaller grinding and milling machines

With a new air filter cleaning system by reversal air flow



S35/540 M

Powerful and variably applicable vacuum cleaner (**3,45 kW / 230 V / 540 m³/h**) with manual filter cleaning system for middle sized grinding and milling machines

Including extensive set of accessories and the main suction hose



Accessories kit with metal floor nozzle

The most important features of all models:

- extra large filter area for constant effective suction
- integrated filter cleaning system (manual in S23/360 M and S35/540 M; fully automatic with air compressor in S35/540 A and S55/550 A)
- **optional LONGOPAC dust collection system for 100% dust-free material disposal**
- serial M-class dust filter (S23/360 M and S35/540 M)
- serial M-class + HEPA H14 dust filters (S35/540 A and S55/550 A)
- also suitable for collecting of small quantities of liquids
- low-noise design
- stable and robust steel construction
- easily removable dust container with wheels
- large transport wheels
- powder coated components
- integrated manometer for filter indication and suction monitoring (excepting S23/360 M)
- optional HEPA-filter for all models available (serial for S35/540 A and S55/550 A)
- **suction hose and various accessories in scope of delivery**
- **all hoses in antistatic version**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

AIR FILTER SYSTEMS

VIDEO



S35/540 A V2

M+HEPA Filter standard

Fully automatic vacuum cleaner (**3,45 kW / 230 V / 540 m³/h**) with integrated automatic filter cleaning system by air compressor for middle sized grinding and milling machines

NEW VERSION: with improved airflow and optimised filter cleaning!
LONGOPAC version can be lowered by 260 mm in height for transport!



S55/550 A

M+HEPA Filter standard

Fully automatic and low-maintenance high-performance vacuum cleaner (**5,5 kW / 400 V / 550 m³/h**) with integrated automatic filter cleaning system by air compressor for non-stop use (24/7) for big projects with middle and large sized grinding and milling machines

		S23/360 M	S35/540 M	S35/540 A V2	S55/550 A
Motors		2x **1,15 kW** / 230 V	3x **1,15 kW** / 230 V	3x **1,15 kW** / 230 V	1x **5,5 kW** / 400 V / 32 A (1x **4,0 kW** / 400 V / 16 A)[1]
Max. air flow	[m³/h]	360	540	540	550
Max. negative pressure	[bar]	0,25	0,25	0,25	0,30
Filter area	[m²]	3	3	6	8 (M) + 3 (H)
Filter class		M (HEPA optional)	M (HEPA optional)	M HEPA H14	M HEPA H14
Filter type		1 pc. cartridge filter	Polyester star filter	3 pcs. cartridge filter	3 pcs. cartridge filter
Filter cleaning		**manual**	**manual**	**automatic**	**automatic**
Dust inlet Ø	[mm]	50	80 / 70	80 / 70	80 / 70
Dust container	[l]	20	100	100	100
Dimensions[2] LxBxH	[mm]	500x600x1100	730x730x1560	910x650x1900 [4]	1300x760x1900
Weight[2]	[kg]	36	100	150	253
Scope of delivery:					
Suction hose		7 m / Ø50 mm	10 m / Ø70 mm	10 m / Ø70 mm	10 m / Ø70 mm
Accessories-Set		3 m / Ø40 mm	3 m / Ø50 mm	3 m / Ø50 mm	3 m / Ø50 mm
Floor nozzle		Plastic	Metal, adjustable	Metal, adjustable	Metal, adjustable
Price for version with dust container	**[€]**	**1.460,00**	**2.960,00**	**7.390,00**	**9.190,00**
Price for version with LONGOPAC	**[€]**	**2.100,00**	**3.690,00**	**8.290,00**	**9.990,00**
Spare filter M / HEPA	**[€]**	**250,00 / 240,00**	**470,00 / 370,00**	**630,00 [3] / 370,00**	**670,00 [3] / 530,00**
Spare LONGOPAC cartridges (4 pcs.)	**[€]**	**140,00**	**140,00**	**140,00**	**140,00**

[1] optionaly upon request [2] for standard version without HEPA-Filter and without LONGOPACK [3] price for set of 3 cartridge filters
[4] Transport height with dust container 1730 mm / Transport height with LONGOPAC 1470 mm

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

Separator Typhoon S / Typhoon L

The separators **Typhoon S / Typhoon L** with LONGOPAC dust collection and disposal system can be installed between any DRS vacuum cleaner and grinding machine in order to increase the collection capacity and to improve the disposal of the collected materials.
The LONGOPAC bagging system is especially suitable for all applications comprising the collection and disposal of hazardous and toxic materials (solid and dusty), which can be dangerous for the operators and therefore need to be disposed with higher safety, preventing their diffusion in the working environment and any contact with people.

Typhoon S





Typhoon L

- to be installed between vacuum cleaner and floor grinder
- increase the life of the filter essentially
- reduces the self-costs of dust collection
- **LONGOPAC: completely dust-free collection and disposal of any kind of dust**
- increase the dust collection capacity
- easy to clean
- including all necessary accessories and hose

		Typhoon S	Typhoon L
Diameter hose connections	[mm]	70	80 / 70
Recommended for use with		S23/360 M S35/540 M	S35/540 M S35/540 A S55/550 A
Hose Ø70 mm included	[m]	3	3
Length	[mm]	620	770
Width	[mm]	530	630
Height	[mm]	1200	1420
Weight	[kg]	40	63
Price	**[€]**	**1.390,00**	**1.810,00**
Spare LONGOPAC cartridges (4 pcs.)	**[€]**	**140,00**	**140,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

PCD grinding cup wheels with polycrystalline diamond

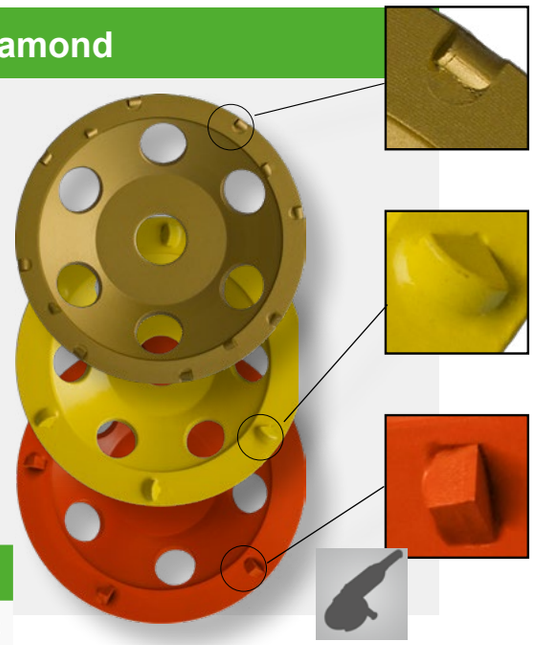
- for removing of various coatings, adhesives, sealings, colors, soft screeds
- with high performance PCD picks

ST-PCD-U ST-PCD-U with small round PCD picks for universal purpose, less damages of processed surface, optimal for thin layers

ST-PCD-R ST-PCD-R with large round PCD picks for harder coatings, aggressive

ST-PCD-H ST-PCD-H with sharp PCD picks for thick, elastic coatings, extremely aggressive

★★★★



Ø	ST-PCD-U			ST-PCD-R			ST-PCD-H		
	PCD amount	**Price [€]**	height [mm]	PCD amount	**Price [€]**	height [mm]	PCD amount	**Price [€]**	height [mm]
100	9	**94,00**	-	-	**-**	-	-	**-**	-
115	9	**98,00**	20	-	**-**	-	-	**-**	-
125	12	**121,00**	19	6	**140,00**	21	5	**229,00**	22
175	18	**176,00**	27	9	**206,00**	29	9	**408,00**	29

ST-PCD U/R/H Ø115 - 175 mm v_{max} 80 m/s

Grinding cup wheels with metal bond

STT-G ★★★★

Special diamond cup wheels with graded diamond grits for processing of corners and difficult accessible areas

STT-M ★★★★

STT-F ★★★★

G - Rough grinding grit #40 (green)
M - Medium grinding grit #80 (blue)
F - Fine grinding grit #120 (yellow)

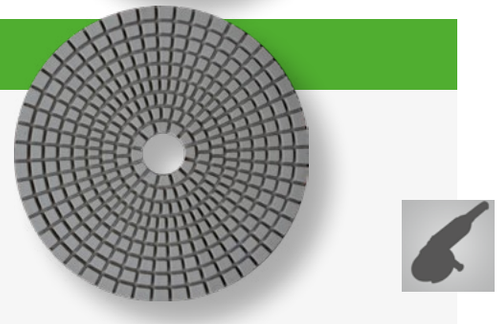


DRS-Flex-PAD

Resin polishing PADs for handheld grinding machines for processing of corners and difficult accessible areas

- special resin bond for long lifetime
- stepwise polishing of surface due to diamond grit gradation
- available grits **#50, 100, 200, 400, 800, 1500, 3000**

★★★★



Ø	STT-G / M / F	DRS-Flex- PAD	Adaptor M14
	Price [€]	**Price [€]**	**Price [€]**
100	**92,00**	**-**	**36,00**
125	**104,00**	**36,00**	**40,00**
150	**139,00**	**-**	**-**
175	**-**	**-**	**80,00**
180	**180,00**	**-**	**-**

Ø100 - 180 mm v_{max} 80 m/s



Adapter M14 for DRS-Flex-PAD

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

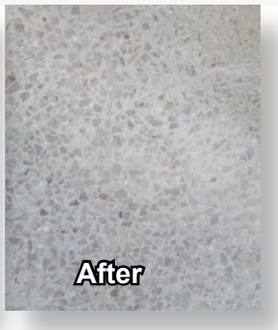
DRS-FLOOR® SPECIAL SOLUTIONS

Metzger/McGuire: Permanent and durable repair of cracks, joints, pores and other surface defects in less than 30 minutes!!!

Dr. Schulze GmbH presents Metzger/McGuire - innovative joint fillers and products for repair of surface defects

- high-performance products - developed for trafficked floors
- **full load capacity in 30-120 minutes (!!!)**
- **low viscosity allows repairs of cracks without cutting/widening (!!!)**
- no smudging or smearing during polishing and grinding
- most products available in colorfast colors (more than 70 colors)
- 100% environment-friendly and solvent-free









CATALOG

Ask for our new catalogue for floor repair solutions!

The one and only: Full automatic floor grinder DBS-820-4H A-LASER

The revolutionary, fully automatic, laser controlled 4-disc-grinding machine with planetary gear, large 7“ touch-screen, hydraulic lift mechanism and electric traction drive for big projects with high requirements to floor evenness.
The DBS-820-4H A-LASER sets standards of efficiency, simpleness of operations, achievable grinding tolerances particularly when used in high bay warehouses with automated transport systems.



- FULLY AUTOMATIC
- INTELLIGENT
- PRECISE
- EFFECTIVE
- FAST
- RELIABLE

CATALOG



HAND MACHINES

HSM 125 – UNIVERSAL HAND GRINDER WITH VARIABLE ROTATION SPEED



Lightweight, easy-to-use hand-held grinding machine for edge and corner processing with diamond- and PCD-tools. Also for wall and overhead applications suitable.

- applicable for corners and edges, inaccessible for big grinding machines
- **infinitely variable rotation speed for optimal adaptation of tool to processing material**
- **applicable for PCD-tools due to high motor power**
- dust extraction outlet for dust free processing (connection for industrial dust extractor)
- perfect up-to-edge work due to removable segment of the brush ring

		HSM 125
Tool diameter	[mm]	125
Tool fixation		22,2 mm / M14
Motor		1,4 kW / 230 V
Rotation speed	[min^{-1}]	4000-9000
Weight	[kg]	3,6
Price	**[€]**	**1.170,00**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DR. SCHULZE GMBH
DIAMOND SOLUTIONS

Bollenberg 10
D-57234 Wilnsdorf
Telefon: +49 2737 5953-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

DBS-1520-8H

Dr. Schulze's brand new DBS-1520-8H is the largest gear driven ride-on grinding machine in the world and suitable for large-scale construction projects.



VIDEO



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

GEAR DRIVEN RIDE-ON GRINDING MACHINE DBS-1520-8H

GENERAL TECHNICAL DESCRIPTION:

- as all other Dr. Schulze's multi-head grinders the DBS-1520-8H disclaims the conventional belt drive by completely sealed and oil-filled full gear transmission in aluminum casted and CNC processed housing, which is unique in the market. This ensures smoother running, higher load capacity as well as less noise emission and nearly no maintenance demand!
- equipped with storage battery for easy loading and transportation
- two Siemens motors with total 30 kW power enable unachieved performance and make the grinding machine incredibly effective for larger projects
- integrated suction system with full automatic filter cleaning and total air flow of 2280 m³/hour (!!!!) ensures completely dust free and non-interrupted floor processing with any kind of diamond tools
- the grinding head is equipped with hydraulic lifting system for fast replacement of diamond tools and easier transportation
- 24 or 48 diamond tools can be mounted on the 8 grinding heads of the machine using the tool-less mounting system DRS-LOCK.
- DBS-1520-8H can work with high-performance PCD-tools for coating removal, with metal bond tools for effective grinding and resin pads for all possible polishing operations



		DBS-1520-8H
Power supply		400 Volt; 64 A
Grinding motors		2x Siemens 15 kW
Frequency inverter		Schneider Electric 30 kW
Drive motor		DC 24 Volt / 800 W
Hydraulic		24 Volt / 2,2 kW
Battery		100 Ah / 12 Volt
Working width	[mm]	1.520
RPM gear box	[min^{-1}]	0-300
RPM satellites	[min^{-1}]	0-1200
Amount grinding heads / grinding tools	[pcs.]	8/24 or 8/48
Length	[mm]	3.100
Width	[mm]	1.520
Height	[mm]	2.000
Weight	[kg]	1.985
Price	**[€]**	**;-)**

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DR. SCHULZE® GMBH
DIAMOND SOLUTIONS

Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

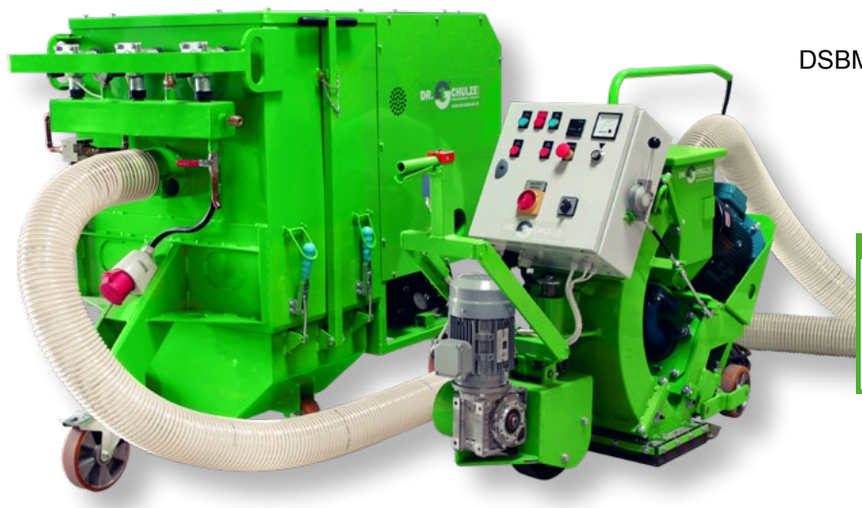
SHOT BLASTING

SUMMARY:

- environment friendly process with minimal dust pollution
- equal processing of large areas within shortest time
- electrical feed with stepless adjustable driving speed
- comfortable and easily accessible position of all control elements
- fully automatic electro-pneumatic filter cleaning system
- blasting wheel made of high strength alloy for long life
- powder-coated components for long life

Dr. Schulze GmbH presents a new line of innovative, completely in-house produced shot blasting machines!!!

DSBM-250 SBU



VIDEO

DSBM-250 FU

removal:

rubber and epoxy coatings, hard aggregate toppings, markings

cleaning:

concrete surfaces, asphalt, stone, metals

roughening:

e.g. concrete floors as preparation for a new coating

increase of slip resistance:

indoor and outdoor surfaces, sidewalks, roads

SHOT BLASTERS

FUNCTION

Shot blasting machines with closed circuit of blasting grit are designed for fast processing of large areas and therefore ideally suited for industrial buildings, roads, parking areas, runways, ship decks etc.
The machine´s robust design ensures highest daily outputs while the ergonomic position of all control elements and the automatic feed guarantee fatigue-proof operation.
The shot blasting machine consists of two main parts: a **blaster** and a **filter unit**.

BLASTING UNIT

The **blasting unit** accelerates with high energy the blasting grit (usually steel balls) towards the floor surface and processes simultaneously the area corresponding to the size of the system´s working width. The quality of the processed floor and the blasting intensity depend on the amount of the abrasive grit and the feed speed of the blasting machine over the floor.



DSBM-250 SBU



FILTER UNIT

While after its contact with the floor intact blasting grit automatically returns to the circuit, all remaining process waste (dust, damaged grit particles, removed material) gets into the full-automatic filter unit with integrated filter cleaning. In the filter unit the air is being cleaned and returned to the environment during processed waste is collected in a practical container, equipped with transport rollers.

DSBM-400 FU

MAGNETIC BROOM MB-620 FOR SHOTS

Our MB-620 allows fast and comfortable collecting of remaining shots from the floor. It saves shots, working time and improves the safety of the construction site.

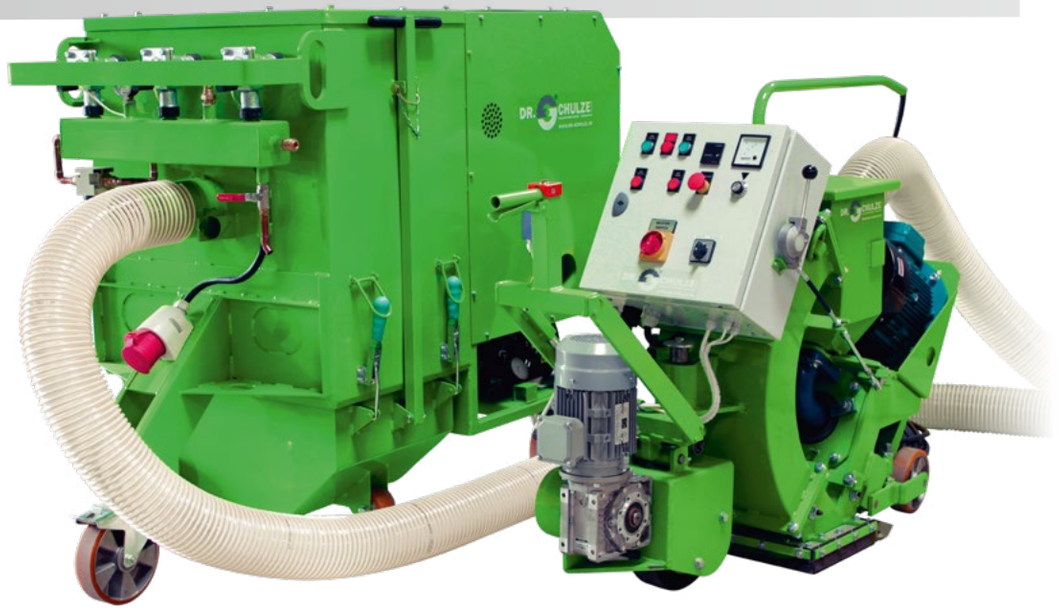


Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

SHOT BLASTERS

SHOT BLASTER DSBM-250

The DSBM-250 is the first choice for medium size projects and achieves a blasting performance of over 80 m²/hour. It is equipped with a powerful 7,5 kW electric motor and stepless adjustable feed drive with turbo button for fast moving. The system includes the matching filter unit DSBM-250 FU, which contains an automatic filter cleaning system and achieves an air flow of 1620 m³/hour.



SHOT BLASTER DSBM-400

DSBM-400 is the premium model among our shot blaster systems and is designed for large projects with surface performance of over 120 m²/hour. During the development of this system we have paid special attention to machine‘s reliability, low maintenance demand and the longest possible durability of all components. In this way, our customers achieve extremely low self-costs of their projects and can use the system for a long time without any interrupts. Due to the enormous airflow of 2280 m³/hour, the corresponding filter unit DSBM-400 FU guarantees almost absolute dust-freeness.



Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

ARGUMENTS FOR DR. SCHULZE SHOT BLASTERS

- ✓ extraordinary thickness of the blast armor (up to 12 mm) ensures a long lifetime of machine and low self-costs of projects
- ✓ V-tower is equipped with a quick removable cover, which allows quick access to the inner parts of machine, ensuring simple and fast inspection and repair
- ✓ turbo switch for the maximum feed speed directly at the steering handle for faster transportation and rapid reversing of the machine in curves
- ✓ particularly robust and reliable connection between the dosing lever for blasting grit and the blasting grit valve
- ✓ LED light for illuminating of the surface to be shot blasted
- ✓ DSBM-400 FU is equipped with high-quality, low-maintenance and much more powerful rotary compressor (compared to cheaper piston compressors)
- ✓ in DSBM-250 FU and DSBM-400 FU we use washable polyester filters, which can be used several times

Shot Blaster		**DSBM-250**	**DSBM-400**
Blasting unit		**DSBM-250 SBU**	**DSBM-400 SBU**
working width	[mm]	250	400
motor		7,5 kW; 400 V; 32 A	11,0 kW; 400 V; 32 A
feed speed	[m/min]	0 - 40	
performance	[m²/h]	80	120
shot reserve	[kg]	20	30
length	[mm]	1750	1850
width	[mm]	465	560
height	[mm]	1080	1180
weight	[kg]	335	420
price	**[€]**	**on request**	**22.990,00** ⚙

Filter unit		**DSBM-250 FU**	**DSBM-400 FU**
motor		4 kW; 400 V; 32 A	5,5 kW; 400 V; 32 A
max. air flow	[m³/h]	1620	2280
filter type		5 cartridges	8 cartridges
dust containers	[l]	70	150
length	[mm]	1600	2000
width	[mm]	840	840
height	[mm]	1260	1520
weight	[kg]	285	480
price	**[€]**	**17.990,00**	**21.990,00**

price shot blaster incl. filter unit	**[€]**	**on request**	**40.990,00**
blasting shot S460 for concrete	**[€/ton]**	**2.960,00**	
magnetic broom MB-620	**[€]**	**980,00**	⚙

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

REFRACTORIES

ST2-C

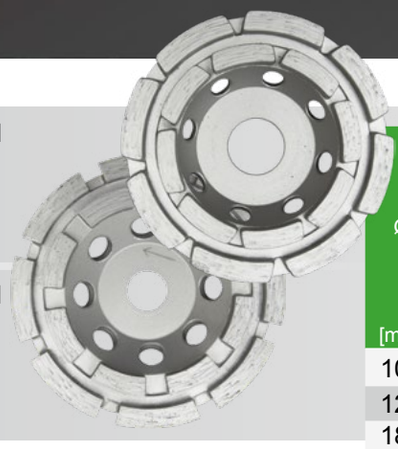
★★★

- 2-rowed cup grinding wheel
- hard refractory materials, natural stone

ST2-C-ABRASIV

★★★

- grinding cup wheel 2-rowed
- new version with harder segments for more lifetime
- soft, abrasive refractory materials



Ø [mm]	ST2-C ST2-C-ABRASIV Price [€]
100	41,00
125	62,00
180	98,00

Ø100 - 180 mm v_{max} 80 m/s

FEUERFEST P

★★★★

- **Premium** diamond core drill
- segment height **9 mm**
- roof top segments up to Ø225 mm
- refractories

now with 9 mm high segments

ZAC P

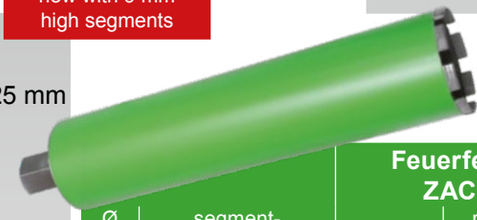
★★★★

- **Premium** diamond core drill
- segment height **9 mm**
- roof top segments up to Ø225 mm
- ZAC (Zirconium materials)

DL FEUERFEST

★★★★

- thin walled core drills with ring segments
- segment ring height **7 mm**
- refractories





Ø [mm]	segment- length [mm]	segment- width [mm]	segment- quantity [pcs]	Feuerfest P ZAC P Price [€]	retipping[2] Price [€]	surcharge for extra length je 100 mm Price [€]
25[1]	17	3,0	3	46,50	40,00	6,20
35[1]	17	3,0	4	64,00	55,00	6,20
40[1]	17	3,0	5	104,00	67,00	6,20
52	24	3,5	5	118,00	79,00	6,20
62	24	3,5	6	130,00	94,00	9,30
72	24	3,5	7	132,00	108,00	9,30
82	24	3,5	7	136,00	110,00	9,30
92	24	3,5	8	152,00	121,00	9,30
102	24	3,5	9	176,00	134,00	9,30
112	24	3,5	9	194,00	142,00	12,30
122	24	3,5	10	208,00	156,00	12,30
132	24	3,5	10	218,00	159,00	12,30
142	24	4,0	10	268,00	175,00	15,40
152	24	4,0	11	248,00	187,00	15,40
162	24	4,0	12	276,00	207,00	15,40
172	24	4,0	12	278,00	211,00	18,40
182	24	4,0	13	292,00	225,00	18,40
200	24	4,0	14	314,00	243,00	21,50
225	24	4,0	15	448,00	294,00	37,20
250	20	5,0	18	514,00	345,00	37,20
257	20	5,0	18	564,00	348,00	39,60
300	20	5,0	22	610,00	423,00	43,20

[1] Segment height 7 mm, no roof segment
[2] after returning of used core drill.
standard length 450 mm, machine power 1-20 kW
Standard-connection: r1/2“, 1 1/4“
On request: BBT, M38, 3 holes and 6 holes
Further dimensions and segment specifications such as turbo-segments or thin segments are available on request.

Ø [mm]	DL-Feuerfest 2,5 mm Price [€]
10	96,00
12	100,00
14	102,00
16	104,00
18	105,00
20	108,00
22	109,00
24	110,00
26	113,00
28	117,00
30	118,00

standard length 300 mm,
machine power up to 3,3 kW
connection r1/2“, 1 1/4“
Further dimensions and segment specifications are available on request.

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

BLADES FOR REFRACTORY MATERIALS

CERAMIC/ CORUNDUM

★★★★★

- narrow slots
- segment height **7 mm**
- ceramic, corundum

ZAC

★★★★★

- narrow slots
- segment height **7 mm**
- ZAC (Zirconium materials)

CHROMMAGNESIT MGT

★★★★★

- dry cutting
- special slots
- segment height **10 mm**
- chromium magnesite, magnesite, graphite

MULLIT CORDIERITE

★★★★★

- Mullit/Cordierite
- segment height **10 mm**
- very hard (sintered) clinker

MULLIT ABRASIVE

★★★★

- Mullit abrasive/SiC
- wide slots
- segment height **10 mm**
- hard (sintered) abrasive clinker, SiC

HARD CHAMOTTE

★★★★★

- wide slots
- segment height **7 mm**
- hard fireclay, chamotte



ø [mm]	Ceramic/ Corundum Price [€]	ZAC Price [€]	MGT Price [€]	Mullit Cordierite Price [€]	Mullit Abrasive Price [€]	Hard chamotte Price [€]	surcharge for low noise core [1] [€]
300	287,00	-	-	294,00	-	-	60,00
350	362,00	223,00	263,00	342,00	265,00	-	75,00
400	479,00	279,00	327,00	391,00	334,00	-	96,00
450	608,00	303,00	346,00	402,00	344,00	-	100,00
500	723,00	381,00	443,00	482,00	455,00	-	120,00
550	-	-	-	-	498,00	-	146,00
600	861,00	545,00	628,00	680,00	656,00	-	182,00
700	998,00	662,00	763,00	809,00	784,00	1.124,00	338,00
900	-	-	-	-	-	1.662,00	742,00
1000	-	-	-	-	-	1.918,00	1.066,00

Ø300 - 1000 mm v_{max} 63 m/s

[1] Sandwich core or DRS-Low core

Other specifications (also according to customer's requirements) on request

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.

DR. SCHULZE® GMBH
DIAMOND SOLUTIONS

Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Tel. +49 (0) 27 37 59 53-0
E-Mail: info@dr-schulze.de
www.dr-schulze.de | www.drs-floor.com

PRESTRESSED CONCRETE

SB-E STANDARD

★★★★★

- narrow slots
- **standard steel core**
- segment height **10 mm**



DRS-LOW-Core
Noise reduction due to special polymer-filled narrow laser cuts

SB-E DRS-LOW

★★★★★

- narrow slots
- **DRS-Low steel core**
- segment height **10 mm**



SANDWICH-Core
Noise reduction due to special sandwich multilayer steel core

SB-E SANDWICH

★★★★★

- narrow slots
- **sandwich low noise steel core**
- segment height **10 mm**



Ø [mm]	Core-size [mm]	Segment- length [mm]	width [mm]	quantity [pcs.]	SB-E Standard-core Price [€]	SB-E DRS-LOW core Price [€]	SB-E Sandwich-core Price [€]
600	3,5	40	5,0	42	907,00	1.080,00	1.160,00
700	4,0	40	6,0	50	1.310,00	1.478,00	1.570,00
800	4,5	40	6,5	57	1.618,00	1.790,00	1.884,00
900	5,0	40	7,0	64	2.176,00	2.472,00	2.632,00
1000	5,0	40	7,0	68	2.236,00	2.762,00	3.048,00
1100	5,5	40	7,5	74	2.650,00	3.284,00	3.624,00
1200	5,5	40	8,2	80	2.874,00	3.615,00	4.014,00
1300	6,0	40	8,2	88	3.414,00	4.320,00	4.810,00

Ø600 - 1300 mm v_{max} 63 m/s

Other sizes and specifications on request available

Adjustment of specification without extra charge according to customer's requirements!
(type of segments, bore, additional bores)

Price per piece, ex works. Our general terms and conditions of sale and supply are valid.
For articles marked with ⚙ the conditions for machines are valid.