

01 2019

CONSTRUCTION TECHNOLOGY

+ UNS BEWEGEN IDEEN



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LISSMAC
CONSTRUCTION TECHNOLOGY











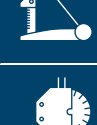



CONSTRUCTION TECHNOLOGY

EFFICIENT – USER-ORIENTED – HIGH QUALITY

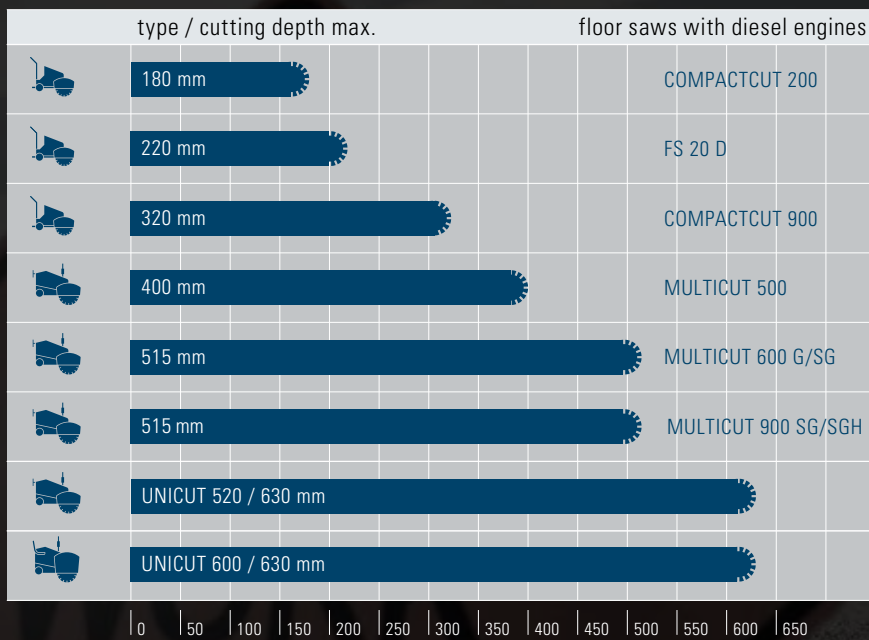
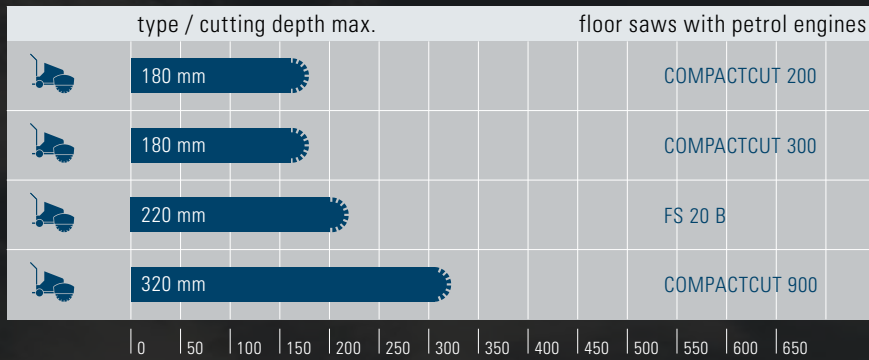


LISSMAC construction technology for professional application. With pioneering spirit and innovative strength, we have developed technically sophisticated professional products for the construction industry for 40 years. As a global system supplier for professional construction machinery, we closely cooperate with renowned stone producers, construction equipment suppliers and equipment rental companies. With our products we optimise working conditions, speed up work processes and make work as easy as possible. We offer the entire portfolio from cut-off technology for civil engineering, to handling systems for modern masonry as well as high-quality diamond tools, up to products for renovation and demolition.

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+ CUTTING DEPTHS OVERVIEW FLOOR SAWS





+ FLOOR SAWS

With the series production of fully hydraulic floor saws, LISSMAC has set entirely new benchmarks in the industry. Compact construction, refined company and high performance are the results of decades of research and development. Top quality and a great price /performance ratio characterize the entire product line of LISSMAC floor saws, from small electrical floor saws up to the sensor-controlled high-tech unit.

COMPACTCUT 200

IDEALLY SUITED FOR SMALL AND MEDIUM SIZED REPAIR WORKS IN ASPHALT AND CONCRETE

- Floor saw in robust and compact construction
- Closed and solid frame
- The smooth raising and lowering of the saw blade with a closed threaded spindle prevents damaging of the saw blade
- Adjustable cutting depth indicator for all saw blade diameters
- A large 33l capacity water tank reduces work interruptions
- The water cooling system provides an optimum saw blade cooling, this guarantees a longer saw blade life
- Easy detachable saw blade cover
- Simple service operations - good access to engine and cutting shaft
- With a parking brake



COMPACTCUT 200 P



[1] COMPACTCUT 200 P



Threaded spindle with depth gauge



Incl. water tank





TECHNICAL DATA	COMPACTCUT 200 P	COMPACTCUT 200 D
cutting depth max.	180 mm	180 mm
cutting depth setting	stepless threaded spindle with depth gauge	
saw blade Ø max.	500 mm	500 mm
saw blade holder	25.4 mm	25.4 mm
drive motor	Honda petrol 1-cylinder	HATZ diesel 1-cylinder
output power max.	8.7 kW, 11.8 hp	4.6 kW, 6.3 hp
emission level	-	EPA Tier IV Final
saw blade speed	2500 1/min.	2500 1/min.
dimensions (L/W/H)	1120/550/1060 mm	1120/550/1060 mm
weight	116 kg	126 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASW 11	→ page 135
Concrete	BSW 10	→ page 136

FLOOR SAWS	NR.	PRICE IN €
[1] COMPACTCUT 200 P without diamond blade, incl. blade guard 500 mm	1017015	2.700,00
COMPACTCUT 200 D without diamond blade, incl. blade guard 500 mm	1017016	4.520,00

ACCESSORIES	NR.	PRICE IN €
COMPACTCUT 200 - individual color	910050	630,00

COMPACTCUT 300

THE ALL-ROUND FLOOR SAW FOR FAST AND EFFICIENT USE

- Lowering and raising the saw blade is done smoothly by means of an enclosed threaded spindle with cutting depth display, thereby preventing damage to the saw blade
- Spindle outside of the dirt area and protected by a galvanised teal tube
- Saw hood front can be raised for intersections
- Easily removable saw blade guard
- Standard with saw blade flange for multiple blade holder up to 15 mm
- A large 30 litre capacity water tank with a big filler nozzle and carrying handles makes refilling easier and reduces work interruptions
- Connection for external water supply with separately adjustable water tap
- Standard flange spraying saves water and provides optimum saw blade cooling. This guarantees a longer saw blade life.
- Water tank can be tipped forward – easy to refill, water tank can be completely emptied
- During cutting, more weight can be placed on the saw blade due to the tiltable tank
- Vibration-damping handle reduces the vibrations which can affect the user and improves the working conditions
- Handle is continuously adjustable and can be rotated 18 for an optimal straight cut
- Best transport option using crane lifting hook and handle
- Standard with fixing brake



COMPACTCUT 300 P



Cyclonic pre-separator



Depth gauge with interlock



Incl. water tank – can be tilted forward



Vibration-damping handle



Saw hood front can be raised



TECHNICAL DATA	COMPACTCUT 300 P
cutting depth max.	180 mm
cutting depth setting	stepless threaded spindle with depth gauge
saw blade Ø max.	500 mm
saw blade holder	25.4 mm
drive motor	Honda petrol 1-cyl.
output power max.	8.7 kW, 11.8 hp
saw blade speed	2300 1/min.
dimensions (L/W/H)	1040/ 585 / 910 mm
weight	105 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASW 11	→ page 135
Concrete	BSW 10	→ page 136

FLOOR SAWS	NR.	PRICE IN €
COMPACTCUT 300 P incl. diamond blade Ø 450 mm for asphalt, incl. blade guard 500 mm	1055162	3.150,00
ACCESSORIES	NR.	PRICE IN €
COMPACTCUT 300 - individual color	910050	630,00

FS 20

POWERFUL AND COMPACT FLOOR SAWS IN THE MIDDLE CLASS

- Particularly compact construction
- The hand cranked travel enables a uniform cutting rate, guaranteeing a straight saw cut, thereby extending the life of the saw blade – lower cutting costs
- The FS 20 is also available with electric power travel, ideally suited to heavy cutting in concrete or asphalt.
- For longer service life – the vertically positioned engine guarantees permanent oil supply in every cutting situation
- Lowering and raising the saw blade is done smoothly, therefore preventing damage to the saw blade
- Clear and ergonomic arrangement of the instruments
- Saw hood front can be raised for intersections
- The rear running wheel sits outside of the saw cut – this makes recutting of cut joints easy
- The LISSMAC swivel arm principle saves time and money – long times for converting from left to right cut are eliminated by the 180 degree swivel saw arm
- Large water and fuel tanks reduce down-time to a minimum.
- Parking brake, water saving flange spraying and saw cutting depth indicator are standard equipment



FS 20 D



[1] FS 20 B

[2] Blade guard incl. vacuum shoe

Blade guard front can be raised



TECHNICAL DATA	FS 20 B (-VE)	FS 20 D (-VE)
cutting depth max.	220 mm	220 mm
cutting depth setting	stepless threaded spindle with depth gauge	
saw blade Ø max.	600 mm	600 mm
saw blade holder	25.4 mm	25,4 mm
drive motor	Honda petrol V2-cyl.	HATZ Diesel
output power max.	15.5 kW/20.8 hp	10.1 kW/13.7 hp
emission level	-	EPA Tier IV Final
feed and drive unit standard	hand crank	hand crank
feed and drive unit VE	electric/hand crank	electric/hand crank
saw blade speed	1920 1/min.	1920 1/min.
left and right cut	yes	yes
dimensions (L/W/H)	1100 / 750 / 1100 mm	1100 / 750 / 1100 mm
weight	205 kg	263 kg
weight VE	210 kg	268 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASW 11	→ page 135
Concrete	BSW 10	→ page 136

FLOOR SAWS	NR.	PRICE IN €
[1] FS 20 B without diamond blade, incl. blade guard 600 mm	815034	8.150,00
FS 20 B/VE without diamond blade, incl. blade guard 600 mm	815035	9.700,00
FS 20 D without diamond blade, incl. blade guard 600 mm	815011	10.200,00
FS 20 D/VE without diamond blade, incl. blade guard 600 mm	815014	11.900,00

ACCESSORIES	NR.	PRICE IN €
[2] FS 20 - blade guard 500 mm incl. vacuum shoe	816136	1.850,00
FS 20 - individual color	910050	630,00

COMPACTCUT 900

POWERFUL AND COMPACT FLOOR SAW FOR CHALLENGING BUILDING SITE CONDITIONS

- Compact floor saw with scissor technology
- Saw blade drive can be switched off mechanically – safe moving and set up of the machine
- Drive via hydrostat guarantees smooth and controlled operation of the machine
- Optimum power transfer with high performance V-belts
- Warp-resistant sheet frame construction
- The compact design and balanced chassis permit easy manoeuvring around the construction site
- The low centre of gravity ensures a precise saw cut
- Very good straight cut thanks to the adjustable rear axle
- Electro- hydraulic lowering and raising of the saw blade with a threaded spindle with cutting depth indicator prevents damage to the saw blade
- Height adjustable handles allow for ergonomic operation
- Saw hood front can be raised for intersections
- Rapid changeover from left to right-hand cutting
- Easy access for prevalent maintenances (air filter, battery, oil filter, fuel filter) due to the perfect drive unit position
- Parking brake and neutral (free-wheeling) comes as a standard feature



COMPACTCUT 900 D



[1] Blade guard



[2] Spot-light



[3] Warning flasher



Operator panel



TECHNICAL DATA	COMPACTCUT 900 P	COMPACTCUT 900 D
cutting depth max.	320 mm	320 mm
cutting depth setting	electrohydr. with depth gauge	electrohydraulic with depth gauge
saw blade Ø max.	800 mm	800 mm
saw blade holder	25.4 mm	25.4 mm
drive motor	Briggs+Stratton petrol 2 cyl.	DEUTZ diesel 2 cylinder
output power max.	26.1 kW, 35 hp	22.3 kW, 30 hp
emission level	-	-
saw blade speed	1750 1/min.	1650 1/min.
left and right cut	yes	yes
dimensions (L/W/H)	1370/820/1120 mm	1370/820/1120 mm
weight	539 kg	657 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASW 11	→ page 116
Concrete	BSW 10	→ page 121

FLOOR SAWS	NR.	PRICE IN €
COMPACTCUT 900 P without diamond blade, incl. blade guard 800 mm	1017763	18.900,00
COMPACTCUT 900 D without diamond blade, incl. blade guard 800 mm	1017762	23.500,00

ACCESSORIES	NR.	PRICE IN €
[1] COMPACTCUT 900 - blade guard 500 mm	816125	970,00
[1] COMPACTCUT 900 - blade guard 800 mm	816051	1.110,00
[2] COMPACTCUT 900 - spot-light LED 12 V	1040256	190,00
[3] COMPACTCUT 900 - warning flasher	816002	700,00
COMPACTCUT 900 - water pump set	813046	900,00
COMPACTCUT 900 - individual color	910050	630,00

MULTICUT 500

LISSMAC DIESEL FLOOR SAWS –
ROBUST HIGH-PERFORMANCE TECHNOLOGY FOR CUTTING CONCRETE AND ASPHALT

- Optimum power transfer with 10 high performance V-belts
- Warp-resistant sheet frame construction
- The compact design and balanced chassis permit easy manoeuvring around the construction site
- The extremely low centre of gravity ensures a precise saw cut
- Very good straight cut thanks to the adjustable rear axle
- Lifting and lowering of the saw blade is controlled electro-hydraulically
- Handles are height adjustable
- Saw hood front can be raised for intersections
- Rapid changeover from left to right-hand cutting
- Easy access for the usual service and maintenance tasks (air filter, battery, oil and fuel filter)
- Parking brake, operating hours counter and neutral (free-wheeling) mode are standard



MULTICUT 500
Picture incl. blade guard



[1] Blade guard



[2] Spot-light



[3] Warning flasher



TECHNICAL DATA	MULTICUT 500
cutting depth max.	400 mm
cutting depth setting	electro hydraulic/smoothly adjustable
saw blade Ø max.	1000 mm
saw blade holder	25.4 mm
drive motor	DEUTZ Diesel 3-cyl.
output power max.	34.5 kW/ 47 hp
emission level	EU IIIA / US T3
cutting gear forwards	hydrostatic stepless 0-50 m/min
cutting gear reverse	hydrostatic stepless 0-35 m/min
saw blade speed	1500 '/min.
left and right cut	yes
dimensions (L/W/H)	1250/960/1210 mm
weight	768 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASP 401	→ page 116
Concrete	BSP 401	→ page 122

FLOOR SAWS	NR.	PRICE IN €
MULTICUT 500 without diamond blade, without blade guard	816039	28.600,00

ACCESSORIES	NR.	PRICE IN €
[1] MULTICUT 500 - blade guard 500 mm	816125	970,00
[1] MULTICUT 500 - blade guard 800 mm	816051	1.110,00
[1] MULTICUT 500 - blade guard 1000 mm	816052	1.440,00
[2] MULTICUT 500 - spot-light LED 12 V	1040256	190,00
[3] MULTICUT 500 - warning flasher	816002	700,00
MULTICUT 500 - water pump set	813046	900,00
MULTICUT 500 - diesel particulate filter incl. mounting	1018454	11.400,00
MULTICUT 500 - individual color	910050	630,00

MULTICUT 600

POWERFUL FLOOR SAW FOR THE TOUGHEST BUILDING SITE USE

- Powerful floor saw with scissor technology
- Simple arrangement of the operating elements and a compact multifunctional display facilitate the easy to learn and intuitive operation
- Drive via Hydrostat guarantees a smooth and controlled operation of the machine
- Optimum power transfer with high performance V-belts
- Gearbox with clockwise/counter-clockwise rotation and neutral position
- Warp-resistant sheet frame construction
- The compact design and balanced chassis permit easy manoeuvring around the construction site
- The low centre of gravity ensures a precise saw cut
- Very good straight cut thanks to the adjustable rear axle
- Same track of the wheels- large- dimensioned wheels
- Lifting and lowering of the saw blade is controlled electro-hydraulically
- Height adjustable handles allow for ergonomic operation
- Rapid changeover from left to right-hand cutting
- Easy access for prevalent maintenances (air filter, battery, oil filter, fuel filter) due to the perfect drive unit position
- Parking brake, working hour counter and neutral (free-wheeling) mode come as a standard feature
- Fast and simple v-belt change enables a second rotation speed. Change to other rotation speeds by removing/ inserting the saw blade shaft



MULTICUT 600
Picture incl. blade guard

Basic version MULTICUT 600 SG:

Shift gearbox with 3 different rpm speeds – 950, 1620 and 2450 1/min, gearbox (clockwise/counter-clockwise rotation and neutral position), flange spraying system



[1] Blade guard incl. vacuum shoe



[2] Spot-light



[3] Warning flasher





TECHNICAL DATA	MULTICUT 600 G	MULTICUT 600 SG
cutting depth max.	515 mm	515 mm
cutting depth setting	electro hydraulic/smoothly adjustable	
saw blade Ø max.	1200 mm	1200 mm
saw blade holder	25.4 or 35 mm (6 x M12 - TK120 mm)	
drive motor	HATZ diesel 4-cylinder	HATZ diesel 4-cylinder
output power max.	55 kW, 74.8 hp	55 kW, 74.8 hp
emission level	EU Stufe 3B / EPA Tier IV	EU Stufe 3B / EPA Tier IV
cutting gear forwards	hydrostatic stepless 0-50 m/min	hydrostatic stepless 0-50 m/min
cutting gear reverse	hydrostatic stepless 0-25 m/min	hydrostatic stepless 0-25 m/min
saw blade speed	1550 1/min.; 970 1/min.	950 1/min.; 1620 1/min.; 2450 1/min.
left and right cut	yes	yes
dimensions (L/W/H)	1580/1050/1690 mm	1580/1050/1690 mm
weight	930 kg	1070 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASP 703	→ page 117
Concrete	BSP 501	→ page 122

FLOOR SAWS	NR.	PRICE IN €
MULTICUT 600 G 25,4 without diamond blade, without blade guard	1029309	43.800,00
MULTICUT 600 SG 25,4 without diamond blade, without blade guard	1030812	47.900,00
MULTICUT 600 G 35 without diamond blade, without blade guard	1017778	43.800,00
MULTICUT 600 SG 35 without diamond blade, without blade guard	1029462	47.900,00

ACCESSORIES	NR.	PRICE IN €
MULTICUT 600 G / SG - vacuum unit VACUUM-WET 100 P	818167	10.200,00
MULTICUT 600 G / SG - blade guard 800 mm	1031207	1.390,00
MULTICUT 600 G / SG - blade guard 1000 mm	1031208	1.490,00
MULTICUT 600 G / SG - blade guard 1200 mm	1031209	2.180,00
[1] MULTICUT 600 G / SG - blade guard 500 mm incl. vacuum shoe	1004709	2.500,00
[1] MULTICUT 600 G / SG - blade guard 800 mm incl. vacuum shoe	816187	2.930,00
[2] MULTICUT 600 G / SG - spot-light LED 12 V	1040256	190,00
[3] MULTICUT 600 G / SG - warning flasher	816002	700,00
MULTICUT 600 G / SG - water pump set incl. water filter	813046	900,00
MULTICUT 600 G - rpm speed kit 1550/2500 1/min Ø 35 mm	1018640	3.250,00
MULTICUT 600 G / SG - adapter kit - shaft 25,4 mm for 6-hole flange	1018697	850,00
MULTICUT 600 G / SG - weight plates set incl. holder 100 kg	1018646	2.560,00
MULTICUT 600 G / SG - diesel particulate filter incl. mounting	1016063	13.900,00
MULTICUT 600 G / SG - individual color	910050	630,00

MULTICUT 900

RUGGED FLOOR SAW FOR TOUGHEST CONSTRUCTION SITE USE

- Torsion resistant frame design with a low center of gravity
- Long wheelbase distance for high lateral stability
- The smooth stub axle steering system allows for cutting corrections without physical strain, and for quick and easy set-up and/or moving of the floor saw
- Quiet, water-cooled HATZ 4-Zylinder turbodiesel engine
- The shift gearbox grants an easy adjustment of the 3 different rpm speeds
- Large v-belt drive
- Large saw blade shaft bearings with special seals for longer life span.
- The air intake is on the operator's side, which means only clean air is taken in.
- Gentle, easy to control start-up of feed speed due to hydrostat and low-maintenance chainless gear box
- Feedcrank including an operation switch on both sides for lift and lower allows single-hand operation
- Electro hydraulic saw blade lift



MULTICUT 900
Picture incl. seat, suction unit VACUUM-WET 300
and blade guard with vacuum shoe

Basic version MULTICUT 900 SG:

Shift gearbox with 3 different rpm speeds – 950, 1620 and 2450 1/min, gearbox (clockwise/counter-clockwise rotation and neutral position), flange spraying system

Basic version MULTICUT 900 SGH:

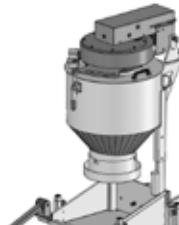
Shift gearbox with 3 different rpm speeds – 950, 1620 and 2450 1/min, gearbox (clockwise/counter-clockwise rotation and neutral position), flange spraying system, hydraulic interface for suction unit: closed system – suction unit is directly driven by a hydraulic interface to the floor saw



[1] VACUUM-WET 100 P



[2] VACUUM-WET 300



[3] VACUUM-DRY 300



[4] Blade guard incl. vacuum shoe



[5] Spot-light



[6] Warning flasher



[7] Seat



Bedienpult



TECHNICAL DATA	MULTICUT 900 SG	MULTICUT 900 SGH
cutting depth max.	515 mm	515 mm
cutting depth setting	electro hydraulic with depth gauge	electro hydraulic with depth gauge
saw blade Ø max.	1200 mm	1200 mm
saw blade holder	25,4 or 35 mm (6 x M12 - TK120 mm)	
drive motor	HATZ diesel 4-cylinder	HATZ Diesel 4-Zylinder
output power max.	55 kW, 74,8 hp	55 kW, 74,8 hp
emission level	EU Stufe 3B / EPA Tier IV	EU Stufe 3B / EPA Tier IV
cutting gear forwards	hydrostatic stepless 0-50 m/min	hydrostatic stepless 0-50 m/min
cutting gear reverse	hydrostatic stepless 0-25 m/min	hydrostatic stepless 0-25 m/min
saw blade speed	950 / 1620 / 2450 1/min.	950 / 1620 / 2450 1/min.
left and right cut	yes	yes
dimensions (L/W/H)	1580/1050/1690 mm	1580/1050/1690 mm
weight	1150 kg	1200 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASP 703	→ page 117
Concrete	BSP 501	→ page 122

FLOOR SAWS	NR.	PRICE IN €
MULTICUT 900 SG 25,4 without diamond blade, without blade guard	1040904	58.500,00
MULTICUT 900 SGH 25,4 without diamond blade, without blade guard	1040905	64.500,00
MULTICUT 900 SG 35 without diamond blade, without blade guard	1040254	58.500,00
MULTICUT 900 SGH 35 without diamond blade, without blade guard	1040255	64.500,00

ACCESSORIES	NR.	PRICE IN €
[1] MULTICUT 900 SG / SGH - vacuum unit VACUUM-WET 100 P	818167	10.200,00
[2] MULTICUT 900 SG / SGH - vacuum unit VACUUM-WET 300	818203	10.700,00
[3] MULTICUT 900 SG / SGH - suction unit VACUUM-DRY 300	1040907	15.500,00
MULTICUT 900 SG / SGH - blade guard 800 mm	1031207	1.390,00
MULTICUT 900 SG / SGH - blade guard 1000 mm	1031208	1.490,00
MULTICUT 900 SG / SGH - blade guard 1200 mm	1031209	2.180,00
[4] MULTICUT 900 SG / SGH - blade guard 500 mm incl. vacuum shoe	1004709	2.500,00
[4] MULTICUT 900 SG / SGH - blade guard 800 mm incl. vacuum shoe	816187	2.930,00
MULTICUT 900 SG / SGH - blade guard 400 mm incl. vacuum shoe for dry cutting	1040908	2.820,00
[5] MULTICUT 900 SG / SGH - spot-light LED 12 V	1040256	190,00
[6] MULTICUT 900 SG / SGH - warning flasher	816002	700,00
[7] MULTICUT 900 SG / SGH - seat	1040906	1.950,00
MULTICUT 900 SG / SGH - water pump set incl. water filter	813046	900,00
MULTICUT 900 SG / SGH - adapter kit - shaft 25,4 mm for 6-hole flange	1018697	850,00
MULTICUT 900 SG / SGH - diesel particulate filter incl. mounting	1016063	13.900,00
MULTICUT 900 SG / SGH - individual color	910050	630,00

UNICUT 520

FULLY HYDRAULIC PRECISION FLOOR SAW
FOR PROFESSIONAL USE

- Multifunctional joystick for ease of operation
- Electro hydraulic steering system - optimal hydraulic cycle for improved saw blade power transmission
- Drive motor and saw blade speed are electro-hydraulically controlled for ideal saw blade cutting speed on various applications
- Optimal weight distribution due to low center of gravity
- Large fuel tank for reduced downtime
- Quick changeover from left to right-hand cutting – can be pivoted by 180°
- Large, non-marking drive wheels
- Stepless hydraulic height adjustment of the blade guard, independent of saw motor
- Motorhousing with saw blade mount can be moved sideways by 100 or 200 mm, as well as up and down by 150 mm
- Compact and user friendly design, suitable for pushed as well as pulled cuts, adjustable seating position
- All settings are controlled via the display on the centrally located operating panel, which also displays the engine parameters
- Easy access for routine maintenance work (air filter, battery, oil and fuel filter)



UNICUT 520
Picture incl. blade guard with vacuum shoe



[1] VACUUM-WET 500

[2] VACUUM-DRY 500

[3] Remote control

[4] Warning flasher



[5] Collateral cutting unit

[6] Drill unit

[7] Tandem longitudinal cutting unit

[8] Grooving unit



TECHNICAL DATA	UNICUT 520
cutting depth max.	630 mm
cutting depth setting	hydraulic
saw blade Ø max.	1500 mm
saw blade holder	35 mm (6 x M12 - TK120 mm)
drive motor	DEUTZ turbo diesel 4-cylinder
output power max.	74.4 kW / 101 hp
emission level	EU Stufe IIIB Flex
cutting gear forwards	hydraulic stepless 0-60 m/min
cutting gear reverse	hydraulic stepless 0-60 m/min
saw blade speed	600-2900 1/min.
steering	electro-hydraulic
left and right cut	yes
dimensions (L/W/H)	2400/1000/1650 mm
weight	1990 kg

FLOOR SAWS	NR.	PRICE IN €
UNICUT 520 without diamond blade, without blade guard	1028270	on demand

SAW BLADE MOTORS	NR.	PRICE IN €
variable displacement motor 160 cm ³ (600 -2900 1/min.)	1026133	on demand

ACCESSORIES	NR.	PRICE IN €
[1] UNICUT 520 - suction unit VACUUM-DRY 500	818204	15.650,00
[2] UNICUT 520 - suction unit VACUUM-DRY 500	818205	32.000,00
UNICUT 520 - blade guard 800 mm	818079	2.250,00
UNICUT 520 - blade guard 1000 mm	818080	2.590,00
UNICUT 520 - blade guard 1200 mm	818081	2.900,00
UNICUT 520 - blade guard 500 mm incl. vacuum shoe	818153	2.620,00
UNICUT 520 - blade guard 1000 mm incl. vacuum shoe	818083	3.620,00
UNICUT 520 - blade guard 1200 mm incl. vacuum shoe	818072	3.950,00
UNICUT 520 - blade guard 1500 mm incl. vacuum shoe	818162	4.850,00
UNICUT 520 - blade guard 400 mm incl. vacuum shoe for dry cutting	1038886	2.820,00
[3] UNICUT 520 - remote control	1040910	15.300,00
UNICUT 520 - spot-light LED 12 V	1040256	190,00
[4] UNICUT 520 - warning flasher	816002	700,00
UNICUT 520 - water pump set incl. water filter	813046	900,00
[5] UNICUT 520 - collateral cutting unit	1028267	on demand
[6] UNICUT 520 - drill unit	818208	on demand
[7] UNICUT 520 - tandem longitudinal cutting unit	818154	on demand
[8] UNICUT 520 - grooving unit and blade guard	1034658	on demand
UNICUT 520 - seat modification kit for pushed cuts	1018150	2.150,00
UNICUT 520 - diesel particulate filter incl. mounting	1018455	15.400,00
UNICUT 520 - individual color	910050	630,00

UNICUT 600

FULLY HYDRAULIC PRECISION FLOOR SAW
FOR PROFESSIONAL USE

- Multifunctional joystick for ease of operation
- Electro hydraulic steering system - optimal hydraulic cycle for improved saw blade power transmission
- Drive motor and saw blade speed are electro-hydraulically controlled for ideal saw blade cutting speed on various applications
- All-wheel drive optimally distributes power to all 4 wheels during operation. In turns, all-wheel automatically shuts itself off due to the steering angle.
- Optimal weight distribution due to low center of gravity
- Large fuel tank for reduced downtime
- Quick changeover from left to right-hand cutting – can be pivoted by 180°
- Large, non-marking drive wheels
- Stepless hydraulic height adjustment of the blade guard, independent of saw motor
- Motorhousing with saw blade mount can be moved sideways by 100 or 200 mm, as well as up and down by 150 mm
- Compact and user friendly design, suitable for pushed as well as pulled cuts, adjustable seating position
- All settings are controlled via the display on the centrally located operating panel, which also displays the engine parameters
- Easy access for routine maintenance work (air filter, battery, oil and fuel filter)



UNICUT 600
Picture incl. blade guard



[1] VACUUM-WET 500



[2] Blade guard incl. vacuum shoe



[3] Remote control



[4] Spot-light



[5] Warning flasher



[6] Drill unit



[7] Tandem longitudinal cutting unit



[8] Grooving unit



TECHNICAL DATA	UNICUT 600
cutting depth max.	630 mm
cutting depth setting	hydraulic
saw blade Ø max.	1500 mm
saw blade holder	35 mm (6 x M12 - TK120 mm)
drive motor	DEUTZ turbo diesel 4-cylinder
output power max.	100 kW / 136 hp
emission level	EU Stufe IV/US EPA Tier 4
cutting gear forwards	hydraulic stepless 0-60 m/min
cutting gear reverse	hydraulic stepless 0-60 m/min
saw blade speed	600-2800 1/min.
steering	electro-hydraulic
left and right cut	yes
dimensions (L/W/H)	2500/1100/1650 mm
weight	2200 kg

FLOOR SAWS	NR.	PRICE IN €
UNICUT 600 without diamond blade, without blade guard	1022543	on demand

SAW BLADE MOTORS	NR.	PRICE IN €
variable displacement motor 160 cm ³ for saw blade Ø 300 to 1200 mm	1018614	on demand
variable displacement motor 200 cm ³ for saw blade Ø 1000 to 1500 mm	1005790	on demand

ACCESSORIES	NR.	PRICE IN €
[1] UNICUT 600 - suction unit VACUUM-WET 500	818204	15.650,00
UNICUT 600 - blade guard 800 mm	818079	2.250,00
UNICUT 600 - blade guard 1000 mm	818080	2.590,00
UNICUT 600 - blade guard 1200 mm	818081	2.900,00
[2] UNICUT 600 - blade guard 500 mm incl. vacuum shoe	818153	2.620,00
[2] UNICUT 600 - blade guard 1000 mm incl. vacuum shoe	818083	3.620,00
[2] UNICUT 600 - blade guard 1200 mm incl. vacuum shoe	818072	3.950,00
[2] UNICUT 600 - blade guard 1500 mm incl. vacuum shoe	818162	4.850,00
[3] UNICUT 600 - remote control	1040910	15.400,00
[4] UNICUT 600 - spot-light LED 12 V	1040256	190,00
[5] UNICUT 600 - warning flasher	816002	700,00
UNICUT 600 - water pump set incl. water filter	813046	900,00
[6] UNICUT 600 - drill unit	818208	on demand
[7] UNICUT 600 - tandem longitudinal cutting unit	818154	on demand
[8] UNICUT 600 - grooving unit and blade guard	1034658	on demand
UNICUT 600 - seat modification kit for pushed cuts	1018150	2.150,00
UNICUT 600 - diesel particulate filter incl. mounting	1018455	15.400,00
UNICUT 600 - individual color	910050	630,00

+ CUTTING DEPTHS OVERVIEW FLOOR SAWS

	type / cutting depth max.	floor saws with dry operation
	125 mm	COMPACTCUT 900 P/T
	100 mm	COMPACTCUT 905 P/T

0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650





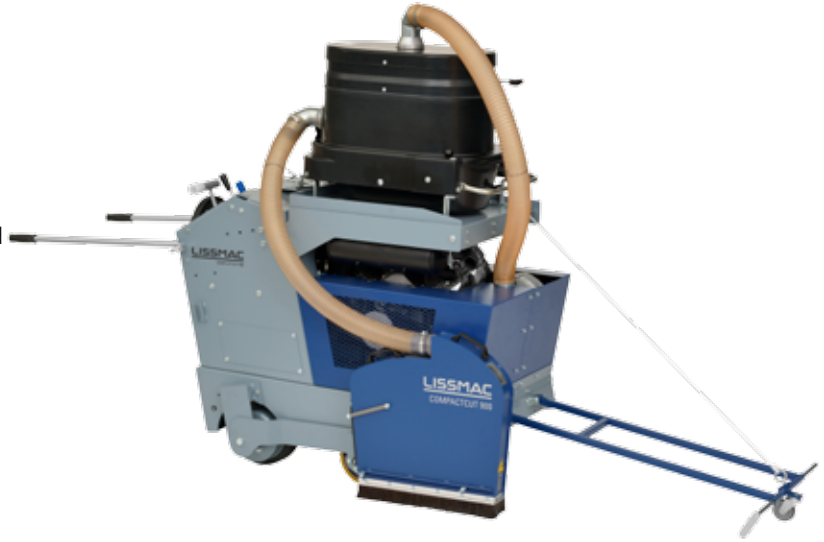
+ DRY CUTTING FLOOR SAWS

The floor saws feature an innovative cutting process. Since the use of cooling water is not necessary, the cutting Joint stays clean and can be further processed quicker.

COMPACTCUT 900 P/T

POWERFUL AND COMPACT
FLOOR CUTTER FOR DRY CUTTING

- No water required, cleaner surfaces, no further steps needed to prepare joints for grouting.
- Suited for fast preparation of joints, renovations and tight construction sites
- Electro- hydraulic lowering and raising of the saw blade with a threaded spindle with cutting depth indicator prevents damage to the saw blade
- Propulsion by hydrostatic gear drive guarantees smooth and controlled operation of the machine
- Smooth axle pivot steering for quick and easy moving and set-up without physical stress for the operator, as well as effortless cutting adjustments
- Torsion -resistant frame construction
- Optimal drive unit location allows for easy access for routine maintenance work (air filter, battery, oil and fuel filter)
- Parking brake and neutral gear comes as a standard feature
- Low center of gravity ensures a precise saw cut
- Integrated closed dry vacuum system VACUUM-DRY 100 for dust free cutting
- 7 rugged V-belts for optimal power transmission
- Height adjustable handles ensure ergonomic operation



COMPACTCUT 900 P/T



[1] Spot-light



[2] Warning flasher



Operator panel



TECHNICAL DATA	COMPACTCUT 900 P/T
cutting depth max.	125 mm
cutting depth setting	electrohydr. with depth gauge
saw blade Ø max.	400 mm
saw blade holder	25.4 mm
drive motor	Briggs+Stratton petrol 2 cyl.
output power max.	26 kW, 35 hp
saw blade speed	2130 1/min.
dimensions (L/W/H)	1600/800/1570 mm
weight	576 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASTP 703	→ page 119
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FLOOR SAWS	NR.	PRICE IN €
COMPACTCUT 900 P/T without diamond blade, incl. blade guard 400 mm	1021713	30.200,00
ACCESSORIES	NR.	PRICE IN €
[1] COMPACTCUT 900 P/T - spot-light LED 12 V	1040256	190,00
[2] COMPACTCUT 900 P/T - warning flasher	816002	700,00
COMPACTCUT 900 P/T - individual color	910050	630,00

COMPACTCUT 905 P/T

POWERFUL AND COMPACT
FLOOR CUTTER FOR DRY CUTTING

- No water required, cleaner surfaces, no further steps needed to prepare joints for grouting
- Suited for fast preparation of joints, renovations and tight construction sites
- Electro- hydraulic lowering and raising of the saw blade with a threaded spindle with cutting depth indicator prevents damage to the saw blade
- Propulsion by hydrostatic gear drive guarantees smooth and controlled operation of the machine
- Smooth axle pivot steering for quick and easy moving and set-up without physical stress for the operator, as well as effortless cutting adjustments
- Torsion -resistant frame construction
- Optimal drive unit location allows for easy access for routine maintenance work (air filter, battery, oil and fuel filter)
- Parking brake and neutral gear comes as a standard feature
- Low center of gravity ensures a precise saw cut
- Suitable for angle cuts of 5°, which allows for flush wall and curb cuts
- Rugged V-ribbed belt for optimal power transmission



COMPACTCUT 905 P/T



Blade guard



TECHNICAL DATA	COMPACTCUT 905 P/T
cutting depth max.	100 mm
cutting depth setting	hydraulic with lowering valve
saw blade Ø max.	350 mm
saw blade holder	25.4 mm
drive motor	Briggs+Stratton petrol 2 cyl.
output power max.	26 kW, 35 hp
saw blade speed	2375 1/min.
dimensions (L/W/H)	1250/600/1300 mm
weight	345 kg

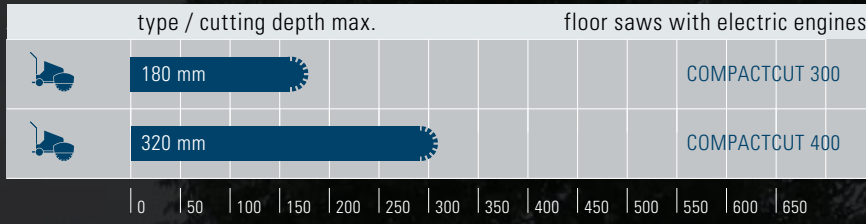


DIAMOND TOOLS RECOMMENDATION

Asphalt	ASTP 703	→ page 119
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FLOOR SAWS	NR.	PRICE IN €
COMPACTCUT 905 P/T without diamond blade, incl. blade guard 350 mm	1026938	32.100,00

+ CUTTING DEPTHS OVERVIEW FLOOR SAWS





+ ELECTRIC FLOOR SAWS

LISSMAC electric floor cutters/ saws are the perfect solution for closed constructions, where machines with combustion engines are prohibited because of exhaust and noise protection regulations. The possibility to disassemble the machine and the compact design of the electric floor saws allow difficult operations in inaccessible areas.

COMPACTCUT 300 E

ROBUST, POWERFUL, ELECTRIC FLOOR SAW –
IDEAL FOR CUTTING WORK IN BUILDINGS

- Lowering and raising the saw blade is done smoothly by means of an enclosed threaded spindle with cutting depth display, thereby preventing damage to the saw blade
- Spindle outside of the dirt area and protected by a galvanised steel tube
- Saw hood front can be raised for intersections
- Easily removable saw blade guard
- Standard with saw blade flange for multiple blade holder up to 15 mm
- A large 30 litre capacity water tank with a big filler nozzle and carrying handles makes refilling easier and reduces work interruptions
- Connection for external water supply with separately adjustable water tap
- Standard flange spraying saves water and provides optimum saw blade cooling. This guarantees a longer saw blade life
- Water tank can be tipped forward – easy to refill, water tank can be completely emptied
- During cutting, more weight can be placed on the saw blade due to the tiltable tank
- Vibration-damping handle reduces the vibrations which can affect the user and improves the working conditions
- Handle is continuously adjustable and can be rotated 180° for an optimal straight cut
- Best transport option using crane lifting hook and handle
- Standard with fixing brake



[1] Blade guard for dry cutting



Depth gauge with interlock



Incl. water tank – can be tilted forward



Vibration-damping handle



Saw hood front can be raised

TECHNICAL DATA	COMPACTCUT 300 E
cutting depth max.	180 mm
cutting depth setting	stepless threaded spindle with depth gauge
saw blade Ø max.	500 mm
saw blade holder	25,4 mm
drive motor	electric
output power max.	7.5 kW
voltage	400 V / 50 Hz/60 Hz
saw blade speed	1900 1/min.
dimensions (L/W/H)	1100/ 530/ 900 mm
weight	128 kg



DIAMOND TOOLS RECOMMENDATION

Asphalt	ASW 11	→ page 135
Concrete	BSP 101 E	→ page 120

FLOOR SAWS	NR.	PRICE IN €
COMPACTCUT 300 E without diamond blade, incl. blade guard 500 mm	1015072	3.150,00
ACCESSORIES	NR.	PRICE IN €
[1] COMPACTCUT 300 E - blade guard 350 mm for dry cutting	1018632	1.280,00
COMPACTCUT 300 E - individual color	910050	630,00

COMPACTCUT 400 E

POWERFUL, STURDY ELECTRIC FLOOR SAW –
IDEAL FOR INSIDE CUTTING JOBS

- Operation even in the tightest of construction sites possible, thanks to the compact, easy to handle design
- LISSMAC electric floor saws are quiet, so they are especially suitable for cutting work near or inside of buildings (low noise level)
- The COMPACTCUT 400 is quickly and easily dismantled into three parts, allowing for ease of transportation within buildings
- Smooth raising and lowering of the saw blade with a threaded spindle and cutting depth indicator, prevents damage to the saw blade
- Optimal rotational speed of the saw blade shaft
- Saw hood front can be raised for cutting all the way to wall or other obstacle
- Patented flush-fitting system for cutting along walls, with 800 mm wall-gliding-saw hood (optional) and flush-fitting mounting of saw blade.
- Flush-fitting cutting along walls in accordance with all current machine operating and C-norm guidelines
- Excellent directional stability due to central position of sawing arm
- The horizontally positioned saw hood offers superior protection against injury and spray from the cooling system
- Height adjustable handles
- Quick changeover from left to right-hand cutting, with minimal handling
- Rear wheel is located outside the saw path, to facilitate recutting of joints when necessary
- Flange spraying system comes as standard feature, helps to preserve water consumption, and provides optimal cooling for extended life span of the blade
- Optimal weight distribution between the front wheels ensures precise tracking and superior cutting accuracy



[1] Flush cutting blade guard



[2] Blade guard bar



Easily dismantled into 3 parts



Quick changeover from left to right-hand cutting



TECHNICAL DATA	COMPACTCUT 400
cutting depth max.	320 mm
cutting depth setting	threaded spindle with depth gauge
saw blade Ø max.	800 mm
saw blade holder	25.4 mm
saw blade fixing (flush cuts)	6 x M8 -TK125
drive motor	electric
output power max.	7.5 kW
voltage	400 V / 50 Hz/60 Hz
saw blade speed	1250 '/min.
left and right cut	yes
dimensions (L/W/H)	1200 / 650 /1090 mm
weight	156 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASW 11	→ page 135
Concrete	BSP 101	→ page 120

FLOOR SAWS	NR.	PRICE IN €
COMPACTCUT 400 E without diamond blade, incl. blade guard 800 mm	815043	4.850,00

ACCESSORIES	NR.	PRICE IN €
[1] COMPACTCUT 400 - flush cutting blade guard 800 mm	815109	1.700,00
[2] COMPACTCUT 400 - blade guard bar for flush cutting blade guard	815110	135,00
COMPACTCUT 400 - flush cutting shaft	815100	470,00
COMPACTCUT 400 - individual color	910050	620,00





+ SUCTION UNITS / FILTER UNITS

Professional wet and dry vacuum units as well as filter units for the constant cleaning of waste water contaminated by cutting sludge.

VACUUM-WET

PROFESSIONAL WET SUCTION UNITS
FOR USE IN CONSTRUCTION

- Increases the lifetime of the floor saw as no contaminated water vapour or dust can enter into the suction air of the drive motor

VACUUM-WET 100

- Can be adapted to any floor saw using the corresponding accessories, such as a saw blade protective hood with vacuum shoe
- Closed system which is mounted to a robust chassis and of course is driven by a Honda petrol or electric motor

VACUUM-WET 300

- Can be adapted to the floor saw MULTICUT 900 using the corresponding accessories, such as a saw blade protective hood with vacuum shoe
- Closed system that is directly installed on the floor saw and driven by a hydraulic interface to the machine

VACUUM-WET 500

- Faster and easier attachment to the floor saw UNICUT 520 and UNICUT 600 with only two plug bolts
- All parts can be quickly removed for cleaning
- Simple emptying of the wet container using eccentric lever
- Wet container with fine hole Ø 5 mm sieve easy and quick to clean
- Hole sieve made completely of stainless steel (service life)
- Compact design with high ground clearance
- Closed system that is directly installed on the floor saw and driven by a hydraulic interface to the machine



VACUUM-WET 100 P



[1] VACUUM-WET 300

[2] VACUUM-WET 500



[3] NILFISK wet/dry vacuum cleaner



[4] Suction hose incl. floor nozzle

TECHNICAL DATA	VACUUM-WET 100	VACUUM-WET 300	VACUUM-WET 500
drive motor (VACUUM-WET 100 P)	petrol 9,6 kW	-	-
drive motor (VACUUM-WET 100 E)	electric 7,5 kW	-	-
container for coarse parts	-	25 l	25 l
sieve for coarse parts	-	Ø 5 mm	Ø 5 mm
required hydraulic supply	-	Q=40 l/min;130bar	Q=40 l/min;140bar
air delivery rate	1600 m³/h	1600 m³/h	2200 m³/h
water delivery rate	1250 l/h	1250 l/h	2450 l/h
power consumption		5 kW	9 kW
fresh water connection	GEKA-coupling, min. ¾", length max. 40 m		
waste water connection	GEKA-coupling, min. 1", length max. 40 m		
exhaust hose connection	Ø 100 mm, length max. 10 m	Ø 100 mm, length max. 10 m	Ø 100 mm, length max. 10 m
dimensions (L/W/H)	1120/700/1600 mm	750/575/1000 mm	600/900/1300 mm
total weight	196 kg (P); 222 kg (E)	140 kg	250 kg



SUCTION UNITS	NR.	PRICE IN €
VACUUM-WET 100 P - wet, incl. 5 m hose, Ø 100 mm	818167	10.200,00
VACUUM-WET 100 E - wet, incl. 5 m hose, Ø 100 mm	818175	10.200,00
[1] VACUUM-WET 300 - wet	818203	10.700,00
[2] VACUUM-WET 500 - wet	818204	15.650,00
[3] NILFISK - wet/dry vacuum cleaner	1027409	970,00

ACCESSORIES	NR.	PRICE IN €
[4] VACUUM-WET 100 - suction hose incl. floor nozzle and 4 m hose, Ø 50 mm	818176	880,00

VACUUM-DRY

PROFESSIONAL DRY SUCTION UNITS FOR USE IN CONSTRUCTION

VACUUM-DRY 300

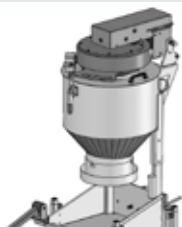
- Adaptations can be made to the MULTICUT 900 using appropriate accessories, such as a special saw blade protective hood
- Closed system, which is directly installed on the floor saw and driven via hydraulic interface to the machine
- Filter bags can be cleaned at the touch of a button (shaker)
- Simple and quick emptying of the sawdust and particles with the help of an endless hose system
- Clean, dry joint can be immediately processed further (poured)

VACUUM-DRY 500

- Fast and simple extension to the UNICUT 520 floor saw: Closed system, which is directly installed on the floor saw and driven by a hydraulic interface to the machine
- Can be quickly and simply retrofit or converted with corresponding accessories such as a special saw blade protective hood and flange cooling for dry cutting
- Simple emptying of the sawdust and particles by swivelling out and replacement of the filter bags
- The exhaust system automatically cleans the filters during extraction
- Clean, dry joint can be immediately processed further (poured)



VACUUM-DRY 500
Picture incl. floor saw



[1] VACUUM-DRY 300



[2] Blade guard for dry cutting

TECHNICAL DATA	VACUUM-DRY 300	VACUUM-DRY 500
saw blade Ø max.	400 mm	500 mm
container for dust/particle	20 m endless hose	25 l synthetic sack
required hydraulic supply	Q = 40 l/min; 130 bar	Q = 40 l/min; 140 bar
air delivery rate	1600 m³/h	1100 m³/h
exhaust hose connection	Ø 100 mm, length max. 3,5 m	Ø 100 mm, length max. 3,5 m
dimensions (L/W/H)	880/760/1500 mm	1050/930/2070 mm
total weight	170 kg	320 kg



DRY SUCTIONS	NR.	PRICE IN €
VACUUM-DRY 300 - dry	1040907	15.500,00
VACUUM-DRY 500 - dry	818205	32.000,00

ACCESSORIES	NR.	PRICE IN €
MULTICUT 900 - blade guard 400 mm incl. vacuum shoe for dry cutting	1040908	2.820,00
UNICUT 520/600 - blade guard 400 mm incl. vacuum shoe for dry cutting	1038886	2.820,00

SFA

COMPACT FILTER SYSTEMS FOR SEPARATING CUTTING SLUDGE

- Essential reduce of the fresh water consumption as well as of the transportation costs for the fresh water
- The cleaned water can be fed back to the cutting equipment in order to cool the cutting tool
- Essential reduce of the disposal costs by separating the solids from the slurry or waste water and by reducing the disposable liquid volume to a solid filter cake only
- The filter cake briquettes can be easily and quickly disposed of
- The chamber filter press is closed by a manual hydraulic pump
- Robust and durable pneumatic diaphragm pump for continuous use
- Simple and fast cleaning of the filter unit

SFA 400

- Mobile one-man sludge filter press
- Aluminium sack trucks (steps up to 22cm are not a problem)
- Space saving transport dimensions
- Lightweight
- The filter system can be completely disassembled
- Small-sized filter unit for long working periods without interruptions

SFA 900

- For stationary or mobile use
- Large-sized filter unit for long working periods without interruptions



SFA 900



[1] SFA 400



[1] SFA 400



[2] SFA 900



[3] Big-Box



Pressed filter cake briquette



TECHNICAL DATA	SFA 400	SFA 900
operation	compressed air	compressed air
air requirement	min. 400 l/min	min. 500 l/min
compressed air reservoir	min. 50 l	min. 90 l
working pressure	8 bar	8 bar
recycling capacity	approx. 480 l/h	approx. 900 l/h
plate size (l/w)	250/250 mm	300/300 mm
number of plates	6 pcs. (4+1+1)	15 pcs. (13+1+1)
chamber volume	7.6 l	18.9 l
closing pressure	400 bar	350 bar
delivery volume pump max.	2400 l/h	2400 l/h
capacity water reservoir	88 l	535 l
dimensions (L/W/H)	850/650/1330 mm	1200/800/980 mm
weight (with box/pump)	92 kg	260 kg (290 kg)



FILTER UNITS	NR.	PREIS IN €
[1] SFA 400 compressed air driven, without compressor	700109	8.800,00
[2] SFA 900 compressed air driven, without compressor	700110	16.500,00

ACCESSORIES	NR.	PRICE IN €
SFA 400 / 900 compressor 400 V	213087	1.850,00
[3] SFA - big-box 535 liter	818189	310,00





+ JOINT BRUSHING

LISSMAC joint brushing and chamfering technology offer optimum solutions for the exact cleaning and chamfering of cut joints – the ideal preparation for subsequent sealing.

LISSMAC
FB 606

FBM / FAM

THE IDEAL MACHINES FOR CLEANING AND
CHAMFERING JOINTS AND ENLARGING CRACKS

- Optimum weight distribution for rapid repositioning and set-up
- Height adjustability and positioning of handlebars for a perfect view of the tool
- Continuous oil supply extends the service life of the horizontally mounted motor - this also increases the air filter maintenance intervals
- The adjustable front axle eliminates leverage effect due to floor unevenness - this guarantees uniform processing of the joint
- Comes as standard with parking brake and stepless threaded spindle for setting the working depth
- An optional LED working light, in combination with the generator kit, is recommended for use at night or in a tunnel
- Crane eyes for simple unloading and transport



FAM 300 D

FBM 300

- Detachable brush guard with left and right adjustable deflectors
- Waste collector basket to catch debris from joint – prevents stone chips (optional)
- The tool cutting direction is opposite to the direction of movement so dirt is not guided towards the fresh cut area

FAM 300

- Detachable blade guard
- The tool cutting direction is clockwise, this takes the strain off the operator - fatigue-free work



[1] FBM 300



[2] Steering wheel mounting kit



[3] Waste disposal box



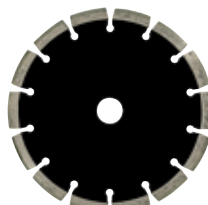
[4] Alternator kit



[5] Spot-light



[6] Round brush



[7] Crack milling cutter



[8] Chamfering blade

TECHNICAL DATA	FBM 300 P/D	FAM 300 P/D
brush width	6-18 mm	6-18 mm
brush depth	60 mm	60 mm
brush Ø	300 mm	300 mm
brush holder	20.0 mm / 25.4 mm	20.0 mm / 25.4 mm
fuel	petrol / diesel	petrol / diesel
output power max.	8.7 kW, 11.8 hp / 7.3 kW, 9.9 hp	8.7 kW, 11.8 hp / 7.3 kW, 9.9 hp
emission level	EPA Tier IV Final	EPA Tier IV Final
speed	2800 1/min.	2800 1/min.
dimensions (L/W/H)	1300/ 650/930 mm	1300/ 650/930 mm
weight	115 kg / 137 kg	115 kg / 137 kg



JOINT BRUSHING	NR.	PRICE IN €
FBM 300 P joint brushing machine without tools	1004145	3.900,00
FBM 300 D joint brushing machine without tools	1005367	6.200,00
FAM 300 P joint chamfering machine without tools	1005368	3.900,00
[1] FAM 300 D joint chamfering machine without tools	1005369	6.200,00

ACCESSORIES	NR.	PRICE IN €
[2] FBM / FAM - steering wheel mounting kit for crack milling	819555	900,00
[3] FBM / FAM - waste disposal box without protection cover	819561	460,00
[4] FBM / FAM - alternator kit	1004326	660,00
[5] FBM / FAM - spot-light LED 12 V	1040256	190,00

TOOLS	NR.	PRICE IN €
[6] FBM - round brush Ø 300 mm/20 mm hole, width 6 mm	799781	62,00
[6] FBM - round brush Ø 300 mm/20 mm hole, width 8 mm	799750	68,00
[6] FBM - round brush Ø 300 mm/20 mm hole, width 10 mm	799751	70,00
[6] FBM - round brush Ø 300 mm/20 mm hole, width 12 mm	799752	76,00
[6] FBM - round brush Ø 300 mm/20 mm hole, width 14 mm	799786	98,00
[7] FAM - RSW 10 crack milling cutter for asphalt Ø 230 mm/25,4-20,0 mm hole	790357	425,00
[7] FAM - RSW 10 crack milling cutter for concrete Ø 230 mm/25,4-20,0 mm hole	790356	425,00
[8] FAM - AASW 11 chamfering blades for asphalt Ø 280 mm/25,4 mm hole, two-piece	1056502	1.590,00
[8] FAM - BASW 11 chamfering blades for concrete Ø 280 mm/25,4 mm hole, two-piece	1056504	1.590,00
FBM / FAM - individual color	910050	630,00

+ CUTTING DEPTHS OVERVIEW MASONRY SAWS





+ MASONRY SAWS

The ideal combination of intelligent technology and user-oriented design make LISSMAC masonry saws the trusted jack-of-all-trades on the construction site. Diamond saws for large formats or aluminium saws for smaller tasks – our saws win over customers with their variety of performance, cutting depths, cutting lengths and construction-site-appropriate equipment.

ATS 350

HIGH QUALITY BRIDGE SAW FOR
BUILDING AND LANDSCAPE CONSTRUCTION

- High quality low maintenance construction
- Simple handling due to lightweight design
- Stable and resilient aluminium frame with exact table design for precision stone cutting
- Suitable for mitre cuts from 0° to 45°
- Hand crank drive unit for consistent cutting feed
- High stability of the saw head with ball bearing mounted stainless steel guidance system
- Narrow saw blade cover allows for clear view of the cutting line
- High-quality adjustable angle stop bracket
- On/off switch with separate emergency stop push button, user-friendly in a protected location
- Adjustable table legs simplify transport
- Set of wheels included for enhanced mobility at construction site



ATS 350 B
Picture excl. set of wheels



[1] Side table



[2] Laser



[3] Side stop



Adjustable table legs

TECHNICAL DATA	ATS 350 B 120
cutting depth at 90° max.	110 mm
cutting depth at 45° max.	80 mm
cutting depth with 2 runs max.	180 mm
cutting length	1200 mm
saw blade Ø max.	350 mm
saw blade holder	25,4 mm
output power max.	2,2 kW
voltage	230 V, 50 Hz
saw blade speed	2800 1/min.
protection class	IP 54
dimensions (L/W/H)	1930/770/1350 mm
weight	105 kg

DIAMOND TOOLS RECOMMENDATION

Concrete, natural stone	GSWL 21	→ page 138
Natural stone	GSWD 10	→ page 138



MASONRY SAWS	NR.	PRICE IN €
ATS 350 B 120 without diamond blade	1012873	2.650,00

ACCESSORIES	NR.	PRICE IN €
[1] ATS 350 - side table	1028200	165,00
[2] ATS 350 - laser	1028203	165,00
[3] ATS 350 - side stop	1028204	150,00
ATS 350 - side stop adapter for side table	1028205	68,00

ATS 400 / ATS 450

PROFESSIONAL MASONRY SAW
FOR A FLEXIBLE CONSTRUCTION JOB SITE USE

- High quality low maintenance construction
- Simple handling due to lightweight design
- The LISSMAC guidance system, made of rust-free stainless steel rollers and stainless steel rails with plastic sliding bearings, is extremely long-lasting and guarantees precise saw table guidance with very low dirt accumulation
- Stable and resilient aluminium frame with exact table design for precision stone cutting
- Flexibly adjustable cut lengths using an adjustable saw head
- Good view of the saw cut through narrow saw blade protective hood
- The special LISSMAC water spraying system guarantees optimum saw blade cooling and immediate removal of debris with very low water consumption
- The complete screwed connection ensures simple replacement of individual machine parts
- The light plastic water basin can be removed for cleaning and for transport
- Fast removal of the water pump via detachable plug-in connectors
- Standard wheel set simplifies moving on the building site and loading in a vehicle
- Simple transport due to removable saw head and folding table legs
- On/off switch with separate emergency stop push button, user-friendly in a protected location
- Aluminium table with integrated stop and easily legible, slanted scale



ATS 400



[1] ATS 450



[2] Cutting line laser



[3] Jolly table



[4] Prism table



Easily dismantled into 4 parts

TECHNICAL DATA	ATS 400	ATS 450
cutting depth standard	110 mm	150 mm
cutting depth max.	135 mm	150 mm
cutting length	600 mm	720 mm
saw blade Ø standard	350 mm	450 mm
saw blade Ø max.	400 mm	450 mm
saw blade holder	25,4 mm	25,4 mm
output power max.	2.2 kW	2.2 kW
voltage	230 V	230 V
saw blade speed	2800 1/min.	1800 1/min.
protection class	IP 54	IP 54
dimensions (L/W/H)	1140/620/1230 mm	1340/620/1350 mm
weight	73 kg	86 kg

DIAMOND TOOLS RECOMMENDATION

Concrete, natural stone	GSWL 21	→ page 138
Natural stone	GSWD 10	→ page 138



MASONRY SAWS	NR.	PRICE IN €
ATS 400 incl. diamond blade Ø 350 mm for concrete, natural stone	810135	2.030,00
[1] ATS 450 incl. diamond blade Ø 450 mm for concrete, natural stone	1017006	2.550,00

ACCESSORIES	NR.	PRICE IN €
[2] ATS 400 - cutting line laser LSL 1	810101	210,00
[3] ATS 400 - jolly table	810114	210,00
[4] ATS 400 - prism table	810131	360,00
ATS 400 / 450 - adapter cable 2m plug Schuko coupl. CEE 3-pin 16 A	822312	35,00
ATS 400 / 450 - adapter cable 2m plug CH Typ12 coupl. Schuko	822311	35,00
ATS 400 / 450 - adapter cable 2m plug CEE 3-pin 16 A coupl. Schuko	822310	35,00

DTS 401

SOLID MASONRY SAWS
FOR UNIVERSAL CONSTRUCTION JOB SITE USE

- High quality maintenance-free design
- Simple handling due to lightweight design
- Stable and resilient frame
- Welded steel construction and powder-coated water tank with exact table support for precise stone cuts
- Suitable for 45° mitre cuts (with additional table)
- High stability of the saw head
- Narrow saw blade cover allows for clear view of the cutting line
- Adjustable rip guide
- On/off switch user-friendly in a protected location



Removable table legs for transport

TECHNICAL DATA	DTS 401
cutting depth standard/max.	110 mm / 135 mm
cutting depth standard/max. 45°	80 mm / 105 mm
cutting length	750 mm
saw blade Ø standard/max.	350 mm / 400 mm
saw blade holder	25.4 mm
output power max.	2.2 kW
voltage	230 V / 50 Hz
saw blade speed	2800 1/min.
protection class	IP 54
mitre cuts	45°
dimensions (L/W/H)	1135/785/1470 mm
weight	70 kg

DIAMOND TOOLS RECOMMENDATION

Concrete	TL BETON LASER →	page 152
Natural stone	GSWL 21 →	page 138



MASONRY SAWS	NR.	PRICE IN €
DTS 401 without diamond blade	1031346	1.100,00

ACCESSORIES	NR.	PRICE IN €
DTS 401 - adapter cable 2m plug Schuko coupl. CEE 3-pin 16 A	822312	35,00
DTS 401 - adapter cable 2m plug CH Typ12 coupl. Schuko	822311	35,00
DTS 401 - adapter cable 2m plug CEE 3-pin 16 A coupl. Schuko	822310	35,00

DTS 600

SOLID MASONRY SAWS

FOR UNIVERSAL CONSTRUCTION JOB SITE USE

- The LISSMAC water spraying system guarantees optimum saw blade cooling and immediate removal of debris with very low water consumption and follows to the current safety regulation
- Table saw with stationary cutting head
- High quality maintenance-free design
- Welded steel construction and powder-coated water tank with exact table support for precise stone cuts
- Galvanised, foldable table legs for quick and compact transport
- Standard wheel set simplifies moving on the building site and loading in a vehicle
- With roller table equipped with safety catch and locking mechanism
- Integrated water pump transport lock
- Best transport option by using flexible (back/front) rubber handles
- Exact, smooth running cutting table with adjustable rip guide
- Simple saw blade change via removable saw hood cover



TECHNICAL DATA	DTS 600
cutting depth standard/max.	150 / 220 mm
cutting length	450 / 600 mm
saw blade Ø standard/max.	800 mm
saw blade holder	25.4 mm
output power max.	3.6 kW
voltage	400 V
saw blade speed	1400 1/min.
protection class	IP 54
dimensions (L/W/H)	1600/800/1600 mm
weight	94,6 kg

DIAMOND TOOLS RECOMMENDATION

Concrete

TL BETON LASER → page 152



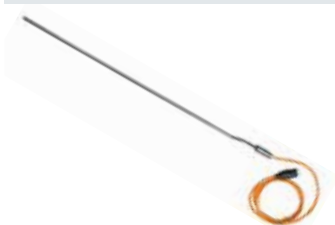
MASONRY SAWS	NR.	PRICE IN €
DTS 600 incl. diamond blade Ø 600 mm for concrete, natural stone	700502	2.280,00

ACCESSORIES	NR.	PRICE IN €
DTS 401 / 600 - adapter cable 2m plug Schuko coupl. CEE 3-pin 16 A	822312	35,00
DTS 401 / 600 - adapter cable 2m plug CH Typ12 coupl. Schuko	822311	35,00
DTS 401 / 600 - adapter cable 2m plug CEE 3-pin 16 A coupl. Schuko	822310	35,00

DTS 700

DTS DIAMOND MASONRY SAWS –
PROFESSIONAL SAWING TECHNOLOGY FOR LARGE SIZED STONES

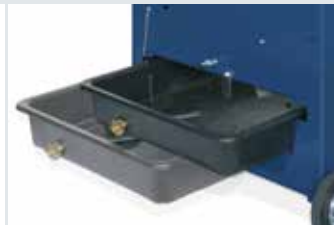
- Low-maintenance construction fit for the building site
- Excellent stable value and operational reliability
- Exact table layout for precision stone cutting
- Fixed, distortion-free three point stability
- Stable and resilient frame
- Galvanised sawing table with imprinted scale
- Table guidance profile and rollers made of durable, high-strength steel
- Low equipment costs due to precise table guidance
- Perfect saw blade cooling and immediate removal of sawing debris with the optimum water feed system
- Easy to use and operate due to flexible loading and control elements in front
- Easy removal of the water pump (e.g. for cleaning or to avoid freezing)
- Water bath removable from the rear
- Saw head is easily positioned for safe transport
- Ease of manhandling with the front swivel roller, forklift pick-up points and lifting eyes.
- Direct drive (pancake motor) – no v-belts – no wear – direct power transmission



[1] Rod heater



[2] Side stop



Water bath removable from the rear

TECHNICAL DATA	DTS 700
cutting depth max.	270 mm
cutting length	520 mm
saw blade Ø max.	700 mm
saw blade holder	60 mm
output power max.	5.5 kW
voltage	400 V
saw blade speed	1400 1/min.
protection class	IP 55
feed and drive unit	manual
saw table width	630 mm
dimensions (L/W/H)	1520/940/1430 mm
weight	230 kg

DIAMOND TOOLS RECOMMENDATION

Abrasive	PSWD 22	→ page 134
Sand-lime stone	KSWD 22	→ page 134
Concrete	PREMIUM SILVER	→ page 137



MASONRY SAWS	NR.	PRICE IN €
DTS 700 incl. diamond blade Ø 700 mm for poroton, sand-lime stone	810164	3.610,00
ACCESSORIES	NR.	PRICE IN €
[1] DTS 700 - rod heater	780001	260,00
[2] DTS 700 - side stop with graduation	681141	57,00
DTS 700 - individual color	910050	630,00

DTS 1000

DTS DIAMOND MASONRY SAWS –
PROFESSIONAL SAWING TECHNOLOGY FOR LARGE SIZED STONES

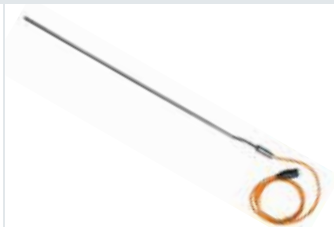
- Low-maintenance construction fit for the building site
- Excellent stable value and operational reliability
- Exact table layout for precision stone cutting
- Fixed, distortion-free three point stability
- Stable and resilient frame
- Galvanised sawing table with imprinted scale
- Table guidance profile and rollers made of durable, high-strength steel
- Low equipment costs due to precise table guidance
- Perfect saw blade cooling and immediate removal of sawing debris with the optimum water feed system
- Easy to use and operate due to flexible loading and control elements in front
- Easy removal of the water pump (e.g. for cleaning or to avoid freezing)
- Water bath removable from the rear
- Saw head is easily positioned for safe transport
- Ease of manhandling with the front swivel roller, forklift pick-up points and lifting eyes
- Saw blade drive via a high performance chain in a totally enclosed low maintenance gearbox – no v-belts – no wear



DTS 1000 H



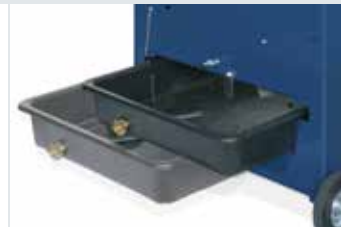
[1] DTS 1000 V



[2] Rod heater



[3] Side stop



Water bath removable from the rear

TECHNICAL DATA	DTS 1000 H	DTS 1000 V
cutting depth standard / max.	370 mm / 420 mm	370 mm / 420 mm
cutting length	660 mm	660 mm
saw blade Ø standard / max.	900 mm / 1000 mm	900 mm / 1000 mm
saw blade holder	60 mm	60 mm
output power max.	7,5 kW	7,5 kW
voltage	400 V	400 V
saw blade speed	910 1'/min.	910 1'/min.
protection class	IP 54	IP 54
feed and drive unit	manual	hand crank
saw table width	745 mm	745 mm
dimensions (L/W/H)	1800 / 1050 / 1500 mm	2000 / 1050 / 1500 mm
weight	352 kg	375 kg

DIAMOND TOOLS RECOMMENDATION

Abrasive	PSWD 22	→ page 134
Sand-lime stone	KSWD 22	→ page 134
Concrete	PREMIUM SILVER	→ page 137



MASONRY SAWS	NR.	PRICE IN €
DTS 1000 H incl. diamond blade Ø 900 mm for poroton, sand-lime stone	1041424	3.790,00
[1] DTS 1000 V incl. diamond blade Ø 900 mm for poroton, sand-lime stone	1041425	4.120,00

ACCESSORIES	NR.	PRICE IN €
[2] DTS 1000 - rod heater	780001	270,00
[3] DTS 1000 - side stop with graduation	681141	57,00
DTS 1000 - individual color	910050	630,00

DTS 420

DTS DIAMOND MASONRY SAWS –
SPECIFICALLY FOR PROCESSING LEVEL ELEMENTS AND LARGE BLOCKS

- The central location of the controls allows the operator to process the material to be cut from one working position
- The protective cover integrated into the saw hood is lowered with the saw blade thus providing optimum protection from injury when sawing
- Powerful saw blade drive via high-performance chain in a totally closed and low-maintenance gearbox
- No time consuming retightening of the V-belts
- Central crane lifting hook, tail wheel for movement, large mobility
- Pump can be removed easily using the handle, no tools required
- Fast saw blade change
- The material to be cut can be precisely positioned by using the view window
- The saw head's own weight supports the vertical sawing motion
- Notched cuts are easily and quickly executed without time-consuming adjustments (e.g. height adjustments of the saw head, for example)
- Large blocks can be worked without having to tilt them
- Saw head is easily positioned for safe transport



DTS 420 PE/N



[1] DTS 420 N



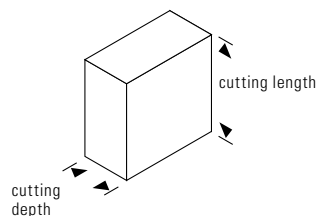
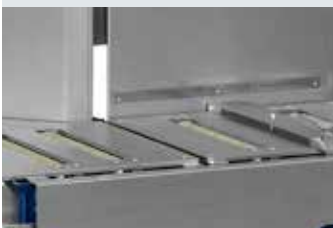
[2] Rod heater



[3] Additional table



Support wheel



TECHNICAL DATA	DTS 420-N	DTS 420-PE/N
cutting depth standard / max.	370/420 mm	370/420 mm
cutting length	650 mm	650 mm
saw blade Ø standard / max.	900/1000 mm	900/1000 mm
saw blade holder	60 mm	60 mm
output power max.	7.5 kW	7.5 kW
voltage	400 V	400 V
saw blade speed	910 1'/min.	910 1'/min.
protection class	IP 55	IP 55
feed and drive unit	handwheel	handwheel
saw table width	825 mm	1040 mm
dimensions (L/W/H)	1260/950/2000 mm	1400/1070/2000 mm
weight	364 kg	392 kg

DIAMOND TOOLS RECOMMENDATION

Abrasive	PSWD 22	→ page 134
Sand-lime stone	KSWD 22	→ page 134
Concrete	PREMIUM SILVER	→ page 137



MASONRY SAWS	NR.	PRICE IN €
[1] DTS 420 N incl. diamond blade Ø 900 mm for poroton, sand-lime stone	1040899	6.100,00
DTS 420 PE/N incl. diamond blade Ø 900 mm for poroton, sand-lime stone	1040900	8.670,00
ACCESSORIES	NR.	PRICE IN €
[2] DTS 420 - rod heater	680626	320,00
[3] DTS 420 - additional table	810107	600,00
DTS 420 - individual color	910050	630,00

DTS 420 **DRY**

DTS DIAMOND MASONRY SAWS –
SPECIFICALLY FOR STONES, WHICH MUST NOT GET IN CONTACT WITH WATER

- Stones and adhesive surfaces as a consequence remain dry
- Special saw blade guard prevents dust leakage – collecting device empties itself automatically
- Supply for industrial vacuum cleaner for dust reduction – suction necessary
- No freezing of water-bearing parts
- Effortless cleaning of the DTS
- No damage caused by alkaline cutting mud (sand-lime stones)
- Simple disposal of cutting mud
- Quickly useable (Plug and Play)
- The central location of the controls allows the operator to process the material to be cut from one working position
- The protective cover integrated into the saw hood is lowered with the saw blade thus providing optimum protection from injury when sawing
- Powerful saw blade drive via high-performance chain in a totally closed and low-maintenance gearbox
- No time consuming retightening of the V-belts
- Central crane lifting hook, tail wheel for movement, large mobility
- Fast saw blade change
- The material to be cut can be precisely positioned by using the view window
- The saw head's own weight supports the vertical sawing motion
- Notched cuts are easily and quickly executed without time-consuming adjustments (e.g. height adjustments of the saw head, for example)
- Large blocks can be worked without having to tilt them
- Saw head is easily positioned for safe transport



DTS 420 PE/T
Picture incl. vacuum cleaner

TECHNICAL DATA	DTS 420 T	DTS 420 PE/T
cutting depth standard / max.	370/420 mm	370/420 mm
cutting length	650 mm	650 mm
saw blade Ø standard / max.	900/1000 mm	900/1000 mm
saw blade holder	60 mm	60 mm
output power max.	3 kW	3 kW
voltage	400 V	400 V
saw blade speed	320 1'/min.	320 1'/min.
protection class	IP 55	IP 55
feed and drive unit	handwheel	handwheel
saw table width	825 mm	1040 mm
dimensions (L/W/H)	1260/950/2000 mm	1400/1070/2000 mm
weight	380 kg	406 kg

MINIUM REQUIREMENT SUCTION UNIT

Air volume:	225 m³/h
Vacuum:	224 mbar
Automatic filter cleaning (depending on material and environmental conditions higher performance could be necessary)	

DIAMOND TOOLS RECOMMENDATION

KSTW 20





DRY

**BETON, ABRASIVE,
SAND-LIME STONE**

Diamond blades for concrete,
abrasive materials, sand-lime
stone



 	Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
	900	20 x 4,5 x 13	90	60,0 mm	1046349	1.400,00

MASONRY SAWS	NR.	PRICE IN €
DTS 420 T inkl. diamond blade Ø 900 mm Universal	1041700	7.950,00
DTS 420 PE/T inkl. diamond blade Ø 900 mm Universal	1012624	9.150,00

ACCESSORIES	NR.	PRICE IN €
DTS 420 T / PE/T - dust protection blade for bricks	1002943	50,00
DTS 420 T / PE/T - individual color	910050	630,00





+ CELLULAR CONCRETE BAND SAWS

Cellular concrete band saws from LISSMAC are designed especially for processing porous concrete and have proven themselves on all types of construction sites worldwide. The different models in the MBS product line allow LISSMAC to offer their customers the greatest possible labour saving and highly precise cutting technology for the exact processing of porous concrete.

MBS

MBS CELLULAR CONCRETE BAND

SAWS – PRECISION SAWING TECHNOLOGY FOR WORKING WITH POROUS CONCRETE AND BRICK

- Perfect for porous concrete and bricks
- Perfectly sized saw band rollers guarantee long life of the saw band
- Direct drive saw band wheels reduce maintenance work
- A generous opening in the lower saw roller box enables the debris to pass easily
- Constant, optimum tensioning using an automatic saw band tensioner for optimum cutting accuracy and reduced risk of saw band breakage
- Short saw band changing times – with quick-coupling, the saw table can be opened with one hand movement
- Automatic saw cut-off – no unnecessary saw band stress, as the saw belt only runs when actually sawing
- The wheel set allows the band saw to be moved easily by one person



MBS 510



[1] MBS 760



[2] Vacuum device



Quick-coupling



Automatic saw shut-off



Aerated concrete



Porous brick



Perlite filled porous brick



Mineral wool filled porous brick

MBS ACCESSORIES TOOLS

TECHNICAL DATA	MBS 510	MBS 650	MBS 760
cutting height	510 mm	650 mm	760 mm
cutting length	700 mm	700 mm	700 mm
saw belt length	3750 mm	4020 mm	4566 mm
output power max.	400 V / 1.1 kW 230 V / 1.5 kW 110 V / 1.5 kW	400 V / 1.1 kW 230 V / 1.5 kW -	400 V / 1.1 kW - -
power consumption	2.7 A (400 V; 230 V) 12.5 A (110 V)	2.7 A (400 V; 230 V) -	2.7 A (400 V) -
saw roller Ø	500 mm	500 mm	550 mm
daylight stanchion to saw band	490 mm	490 mm	535 mm
saw table dimensions max.	920/710 mm	920/710 mm	920/1175 mm
loading capacity saw table max.	50 kg	50 kg	200 kg
dimensions (L/W/H)	1080/750/1840 mm	1080/750/1975 mm	1560/985/2215 mm
weight	173 kg	175 kg	367 kg

CELLULAR CONCRETE BAND SAWS	NR.	PRICE IN €
MBS 510 version 230 V, incl. saw belt	803031	3.950,00
MBS 510 version 400 V, incl. saw belt	803032	3.950,00
MBS 510 version 110 V (50 Hz), incl. saw belt	803034	3.950,00
MBS 650 version 230 V, incl. saw belt	803004	4.370,00
MBS 650 version 400 V, incl. saw belt	803005	4.370,00
[1] MBS 760 version 400 V, incl. saw belt	803040	8.650,00

ACCESSORIES	NR.	PRICE IN €
[2] MBS - vacuum device (without mounting)	1005621	98,00
MBS - adapter cable 2m plug Schuko coupl. CEE3-pin 16 A	822312	35,00
MBS - adapter cable 2m plug CH Typ12 coupl. Schuko	822311	35,00
MBS - adapter cable 2m plug CEE3-pin 16 A coupl. Schuko	822310	35,00
MBS - individual color	910050	630,00

CARBIDE TIPPED SAW BELTS	NR.	PRICE IN €
MBS 502 - saw belt, length 3,520 x 27 mm, 3 teeth/inch	799501	260,00
MBS 502 - saw belt, length 3,520 x 27 mm, 2 teeth/inch	799556	185,00
MBS 510 - saw belt, length 3,750 x 27 mm, 3 teeth/inch	799598	278,00
MBS 510 - saw belt, length 3,750 x 27 mm, 2 teeth/inch	799798	199,00
MBS 650 / MBS-Jumbo - saw belt, length 4,020 x 27 mm, 3 teeth/inch	799505	299,00
MBS 650 / MBS-Jumbo - saw belt, length 4,020 x 27 mm, 2 teeth/inch	799575	207,00
MBS 602 Jumbo / MBS-702 Mammut - saw belt, length 4,180 mm x 27 mm, 3 teeth/inch	799522	309,00
MBS 602 Jumbo / MBS-702 Mammut - saw belt, length 4,180 mm x 27 mm, 2 teeth/inch	1015501	220,00
MBS 760 / MBS GF 756 / MBS-HF 755 - saw belt, length 4,566 mm x 27 mm, 3 teeth/inch	799554	335,00
MBS 760 / MBS GF 756 / MBS-HF 755 - saw belt, length 4,566 mm x 27 mm, 2 teeth/inch	1015502	240,00





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Vertriebspartnerschaft mit

**ZIEGELWERK
ARNACH**

**SÜDWEST
ZIEGEL GMBH**

LISSMAC MAB 3001



+ MASONRY WORKING PLATFORMS

Masonry working platforms from LISSMAC provide the ideal, safe platform for any masonry work and guarantee rational work. Different variants and lifting accessories permit a broad spectrum of applications in cost-effective masonry work.

MAB

LISSMAC MASONRY WORKING PLATFORMS –
THE ERGONOMIC AND ECONOMIC WORK SOLUTION AT CONSTRUCTION SITES

- Minimal setup times - easy and quick assembly/disassembly of the working platform
- Optimum weight distribution due to complete placement onto a supporting base frame and symmetrically arranged cylinders
- Optionally available attachable wheel set for easy and quick moving of the platform – point loading as the wheel set is placed above
- Stable load capacity over the entire lifting height
- Central electrical control cabinet for adding additional platforms
- Optimum adaptation to construction site conditions through side and length extensions
- Anti-slip chequer plate for a secure hold
- Double acting hydraulic cylinder with safety valve (Hydraulic release during transport)
- Railings can be easily transported using a railing rack
- Manual control device or foot pedal possible



MAB 3001

Picture incl. rail and ladder with holding device

We expressly inform you that according to EN 280, all masonry working platforms may only be used WITH railings, without exception.



[1] MAB 1200

[2] MAB 2001 / MAB 2801

[3] MAB 1200 - rail

[4] MAB 2001/2801/3001 - rail

[5] Framework for MAB railing

[6] Ladder with holding device

[7] Ladder adapter set

[8] Foot switch

[9] Manual control unit

[10] Undercarriage + diagonal stuts

[11] Connection clamps

[12] Wheel set

MAB ACCESSORIES TOOLS

TECHNICAL DATA	MAB 1200	MAB 2001	MAB 2801	MAB 3001
length	1.85 m	3.1 m	3.1 m	4.1 m
length with extendable catwalks left/right	3.6 m	5 m	5 m	6 m
width	1.32 m	1.62 m	1.62 m	1.62 m
lifting height	0.48-1.99 m	0.49 -1.99 m	0.48-1.99 m	0.57-3.00 m
lifting speed	1.5 m/min	1.5 m /min	1.8 m /min	2.1 m /min
weight	590 kg	960 kg	998 kg	1240 kg
drive	electric/ hydraulic	electric/ hydraulic	electric/ hydraulic	electric/ hydraulic
carrying/lifting capacity	1200 kg	2000 kg	3000 kg	3000 kg
carrying extraction	150 kg	150 kg	150 kg	150 kg
undercarriages	-	max. 2.5 m	max. 2.5 m	max. 2.5 m
voltage	230 and 400 V/16 A	400 V/16 A 230 V/16 A	400 V/16 A 230 V/16 A	400 V/16 A 230 V/16 A
control standard	manual control	foot switch	foot switch	foot switch

MASONRY WORKING PLATFORMS	NR.	PRICE IN €
[1] MAB 1200 (230/400 V) incl. manual control unit, without rail	820065	8.890,00
[2] MAB 2001 (400 V) incl. foot switch, without rail	820018	9.100,00
[2] MAB 2001-2 (230 V) incl. foot switch, without rail	820054	9.250,00
[2] MAB 2801 (400 V) incl. foot switch, without rail	820017	10.900,00
[2] MAB 2801-2 (230 V) incl. foot switch, without rail	820055	11.050,00
MAB 3001 (400 V) incl. foot switch, without rail	820063	11.600,00
MAB 3001-2 (230 V) incl. foot switch, without rail	820064	11.900,00

ACCESSORIES	NR.	PRICE IN €
[3] MAB 1200 - rail GEL-1	820127	1.310,00
[4] MAB 2000 - 2801 - rail type GEL	820107	1.570,00
[4] MAB 3000 - 3001 - rail type GEL	820126	1.570,00
MAB 2001 / 2801 - rail to wall-side (front)	820125	1.250,00
MAB 3001 - rail to wall-side (front)	820114	1.300,00
[5] MAB 2001-3001 - framework for MAB railing	1010833	350,00
[6] MAB - ladder with holding device	820110	330,00
[7] MAB 2001 - 3001 - ladder adapter set for double MAB	820109	330,00
[8] MAB - foot switch	680571	360,00
[9] MAB - 230 V/400V - manual control unit	681653	350,00
MAB - bracket for manual control unit	820059	125,00
MAB 1200 - broadening incl. extraction and rail 300 mm	1004449	1.600,00
MAB 3001 - broadening incl. extraction and rail 300 mm	820123	2.150,00
[10] MAB 2000 - 3040 - undercarriage type UG 250	820092	2.800,00
[10] MAB 2000 - 2801 - diagonal stuts type VST 250 for UG 250	820098	680,00
[10] MAB 3000 - 3040 - diagonal stuts type VST 250 for UG 250	820097	680,00
[11] MAB 2001 - 3001 - connection clamps	820112	390,00
MAB 1200 - wheel set	1004560	680,00
[12] MAB 2000 - 3001 - Radsatz / wheel set	820094	1.290,00





LISSMAC
DTS-420



+ MINI CRANES

LISSMAC mini-cranes prove their worth every day on construction sites, due to the highest possible processing quality, precise handling and custom equipment. A variety of combination options with our gripping tools and their unique operating comfort ensure the perfect interplay in handling of different stone formats.

LMK

EASE OF OPERATION WHEN MOVING LARGE-SIZED ELEMENTS

- Base frame, tower and jib are completely galvanised
 - no rust or damage to paint
 - long service life and robustness for the toughest conditions
- Large dimensioned swivel head for effortless rotation
- Simple assembly and dismantling with a hydraulic hand pump or an electro-hydraulic pump in the (E) version - additional safety cylinder with quick release bolts.
- LMK 400 TFE/DK including HBC radio control unit
- Radio control unit can be converted to EHS (chain hoist function and undercarriage usable)

Transport

- Booms can be inclined to fit two mini-cranes onto one loading platform of 7 loading metres
- Can be moved by forklift and crane

Chain hoist

- Power supply via cable trailing device integrated in the boom
- Quick disassembly of the chain pull possible



LMK 400 TFE/DK

T = telescoping

F = drive unit

E = electrohydraulic mounting and dismantling

D = tower rotary drive unit

K = crane trolley drive unit



[1] Control unit EHS-4/S6



[2] Adapter



[3] Radio control unit



[4] Transmitter mount for remote control



[5] Adapter plate MST - VSG



[6] Adapter RSG - SG



[7] Adapter VSG/Quadro - outer gripper



Transport position

TECHNICAL DATA	LMK 400 TFE	LMK 400 TFE, 110 V	LMK 400 TFE/DK
lifting capacity 5 m jib	400 kg	400 kg	400 kg
hook height	4500-6000 mm	4500-6000 mm	4500-6000 mm
weight without ballast	991 kg	991 kg	1107 kg
ballast	1070 kg	1070 kg	1070 kg
wheelbase	2000/2000 mm	2000/2000 mm	2000/2000 mm
turning radius	1500 mm	1500 mm	1500 mm
wheel pressure max.	14 kN	14 kN	14 kN
lifting speed	2-8 m/min	2 – 6.4 m/min	2-8 m/min
telescopic tower (T)	yes	yes	yes
traction drive unit (F)	yes	yes	yes
assy. and dismantling (E)	electro hydraulic	electro hydraulic	electro hydraulic
slewing drive (D)	no	no	electric
trolley drive (K)	no	no	electric
voltage	400 V / 50 Hz	1~110V / 50Hz	400 V / 50 Hz
transported size (L/W/H)	6100/2100/2000 mm	6100/2100/2000 mm	6100/2100/2000 mm

MINI CRANES	NR.	PRICE IN €
LMK 400 TFE	1015511	18.450,00
driving motor, tower telescopic, electric-hydraulic mounting and dismantling, incl. hoist and ballast, incl. control unit EHS-4/S6		
LMK 400 TFE, 110 V	1030114	22.500,00
driving motor, tower telescopic, electric-hydraulic mounting and dismantling, incl. hoist and ballast, incl. control unit EHS-4/S6		
LMK 400 TFE/DK	821050	28.800,00
driving motor, tower telescopic, electric-hydraulic mounting and dismantling, electric tower rotation and trolley drive, incl. cable hoist and ballast, radio control unit HBC transmitter and receiver		

CONTROL UNITS	NR.	PRICE IN €
[1] LMK-TFE - control unit EHS-4/S6 for one-man operation	821118	860,00
[2] Adapter EHS-4/S6 for LMK-TFE/DK since 08/2015	1011784	165,00
[3] Radio control unit LISSMAC ECO / FSE 312 HBC	1009783	3.450,00
[4] Transmitter mount for remote control LISSMAC ECO / FSE 312 HBC	1009781	185,00
[5] Adapter plate APL for MST-VSG	821131	90,00
[6] Adapter for connection RSG - SG	821141	165,00
[7] Adapter for connection VSG/Quadro - outer gripper	820079	285,00



GRIPPERS

GRIPPING DEVICES SIMPLIFY THE HANDLING OF ALMOST ANY TYPE OF BUILDING BLOCK



[1] VSG 510



[2] RSG 125/250-B25



SG 115/365 A



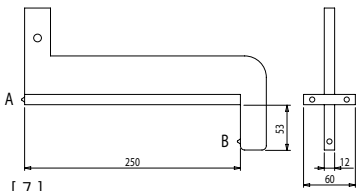
[3] SG 125/250 B30



[4] SG 250/500 B30

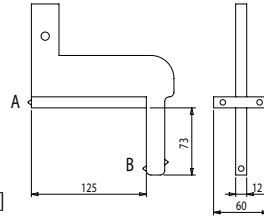


[5] Control plate carbide metal tip



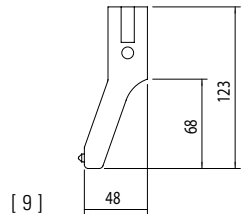
[7]

A VSG 510: 115 - 510 mm
 A VSG 840: 115 - 840 mm
 B VSG 510: 615 - 1010 mm
 B VSG 840: 615 - 1340 mm



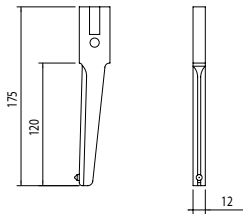
[8]

A VSG 510: 115 - 510 mm
 A VSG 840: 115 - 840 mm
 B VSG 510: 365 - 760 mm
 B VSG 840: 365 - 1090 mm



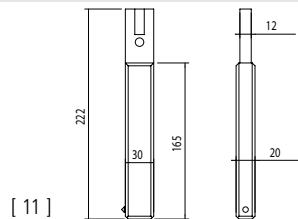
[9]

VSG 510: 79 - 474 mm
 VSG 840: 79 - 804 mm



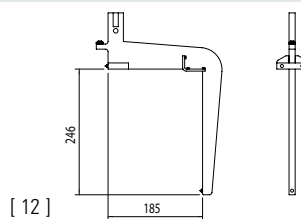
[10]

VSG 510: 115 - 510 mm
 VSG 840: 115 - 840 mm



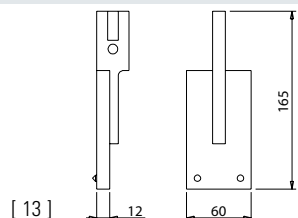
[11]

VSG 510: 115 - 510 mm
 VSG 840: 115 - 840 mm



[12]

A VSG 510: 115 - 510 mm
 A VSG 840: 115 - 840 mm
 B VSG 510: 485 - 880 mm
 B VSG 840: 485 - 1210 mm



[13]

VSG 510: 115 - 510 mm
 VSG 840: 115 - 840 mm

TECHNICAL DATA	VSG 510	VSG 840	RSG 125/250
gripping range	115-510 mm	115-840 mm	125/250 mm
carrying capacity max.	500 kg	500 kg	400 kg
weight	17.0 kg	19.5 kg	11.0 kg

TECHNICAL DATA	SG 115-365	SG 125/250	SG 250/500
gripping range	115-365 mm	125/250 mm	250/500 mm
carrying capacity max.	500 kg	500 kg	500 kg
weight	8.0 kg	7.0 kg	8.0 kg

GRIPPERS	NR.	PRICE IN €
[1] VSG 510 vario-gripping device incl. 3 jaws	821110	1.500,00
[1] VSG 840 vario-gripping device incl. 3 jaws	821108	1.580,00
[2] RSG 125/250-B25 raster stone gripper	821140	690,00
[3] SG 115/365 A stone gripper	821111	390,00
[4] SG 125/250 B30 stone gripper	821112	390,00
[5] SG 250/500 B30 stone gripper	821113	390,00

ACCESSORIES	NR.	PRICE IN €
[6] Control plate carbide metal tip	682122	7,00

ACCESSORIES VSG	NR.	PRICE IN €
[7] Vario gripper VWB 1000	821152	175,00
[8] Vario gripper VWB 750/85	821157	270,00
[9] Vario gripper VWB-85	821162	90,00
[10] Vario gripper VWB PB200	821149	230,00
[11] Gripper VWB-TS 500	821181	345,00
[12] Vario gripper VWB M485-1210	821185	320,00
[13] Vario gripper VWB A2/165	821169	275,00







+ CONVEYOR BELTS

Our conveyor belts set the standard for the transport of bulk materials and unit loads. The latest in technology and robust materials, in combination with an intelligent modular design system, provide up to 80% time savings in comparison with manual transport systems.

LIBELT

CONVEYOR BELTS FOR FAST AND EFFICIENT TRANSPORT OF BULK MATERIALS AND UNIT LOADS

- Robust, extremely durable steel pipe construction
- Reliable drive via powerful electrical motor with gear box
- Easily handles gradients up to 40°
- Short set-up times – can be easily and quickly installed by two workers
- Immediately operational after connection of the 230 volt supply
- Up to three conveyor belts can be connected via one supply cable; integrated connection cables with automatic extension
- Simple cleaning and maintenance
- Belt can be easily and quickly changed by a single person
- PVC belt with ribs as standard equipment
- V-guide for optimal intake of material to be transported
- Libelt 600 can be easily folded up for transport
- Multiple forklift brackets facilitate fast, convenient transport of the belts



LIBELT 300

Picture incl. feed hopper, wheel set and support legs

Examples of applications:

Transport of construction materials, demolition work, building renovation, gardening and landscaping work, tunnel and sewer work, mining, excavation, industrial and agricultural transport of bulk materials



[1] LIBELT 600 easily folded up



[2] Feed hopper + wheel set



[3] Wheel set



[4] Connection clamps



[5] Side plate



[6] Transport belt

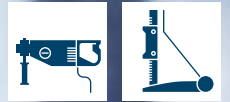
TECHNISCHE DATEN	LIBELT 300	LIBELT 400	LIBELT 600
material	galvanized steel	galvanized steel	galvanized steel
band material	PVC textile belt with 20 mm ribs (rubber belt special version)		
belt (W/H)	400 / 3 mm	400 / 3 mm	400 / 3 mm
output power max.	0,75 kW/230 V	0,75 kW/230 V	1,3 kW/230 V
power consumption	5,1 A	5,1 A	8,7 A
belt speed	25 m /min	25 m /min	25 m/min
belt load per m max.	75 kg /m	75 kg/m	50 kg/m
belt load total max.	225 kg	300 kg	300 kg
gradient	40 °	40 °	40 °
length	3140 mm	4140 mm	5640 mm Arbeitsstellung
width	555 mm	555 mm	555 mm
height	250 mm	250 mm	260 mm
weight	99 kg	119 kg	166 kg

CONVEYOR BELTS	NR.	PRICE IN €
LIBELT 300 incl. PVC textiles belt with 20 mm ribs	1054749	2.900,00
LIBELT 400 incl. PVC textiles belt with 20 mm ribs	1054750	3.600,00
[1] LIBELT 600 incl. PVC textiles belt with 20 mm ribs	1054751	4.810,00

ACCESSORIES	NR.	PRICE IN €
[2] LIBELT - feed hopper 1034/706/360 mm (l/w/h)	1054754	440,00
[2] LIBELT - wheel set	1054753	190,00
[3] LIBELT - support legs	1054752	330,00
[4] LIBELT - connection clamps for two conveyor belts (2 pcs)	822303	180,00
[5] LIBELT 300 - side plate EWB (2 pcs)	822306	500,00
[5] LIBELT 400 - side plate EWB (2 pcs)	822307	560,00
[5] LIBELT 600 - side plate EWB (2 pcs)	822314	970,00
[6] LIBELT 300 / 400 - carriage	822308	700,00
LIBELT 300 - transport belt - rubber with ribs	209415	380,00 *
LIBELT 400 - transport belt - rubber with ribs	209416	450,00 *
LIBELT 600 - transport belt - rubber with ribs	209417	490,00 *
LIBELT - adapter cable 2m plug Schuko coupl. CEE 3-pin 16 A	822312	35,00
LIBELT - adapter cable 2m plug CH Typ12 coupl. Schuko	822311	35,00
LIBELT - adapter cable 2m plug CEE 3-pin 16 A coupl. Schuko	822310	35,00

*surcharge





+ CORE DRILLING MACHINES

The LISSMAC drills and drill stands are thoroughly economical and flexible to use, thanks to their modular design. A universal mounting plate makes the drills flexible in combination with the functional LISSMAC drilling stands. In all, a powerful and robust package for professional construction use.

DRILL-JET MOTORS

THE COMPACT DIAMOND CORE DRILLING MACHINES FOR WET AND DRY DRILLING

- Compact, lightweight and ergonomic design
- Three gear levels permit optimum speed selection adapted to the specific core drill diameter
- Simple, controlled operation during hand-guided core drilling using variable mountable clamping handle
- Simple, controlled operation during hand-guided core drilling using variable mountable clamping handle

MULTI-TRONIC

- Overload protection for the highest possible operating comfort and long service life
- Maximum safety due to electronic and mechanical overload coupling as well as additional thermal overload protection



CDM 20 P



[1] CDM 20 S wet/dry



[2] Antifriction washer



[3] Centre spike

TECHNISCHE DATEN	CDM 20 P	CDM 20 P, 110 V	CDM 20 S
rated power	2000 W	2000 W	2000 W
output power	1375 W	1300 W	1375 W
voltage	230 V/50-60 Hz	110 V/50-60 Hz	230 V/50-60 Hz
rated current	9.5 A	19 A	9.5 A
speed without load	670/1450/2770 1/min.	670/1450/2770 1/min.	670/1450/2770 1/min.
speed fully load	450/1050/2000 1/min.	435/1015/1935 1/min.	450/1050/2000 1/min.
core drill Ø masonry max.	200 mm	200 mm	200 mm
core drill Ø concrete max.	150 mm	150 mm	150 mm
core bit connection	1 1/4" UNC	1 1/4" UNC	1 1/4" UNC
clamping collar Ø	60 mm	60 mm	60 mm
dimensions (L/W/H)	468/106/297 mm	468/106/297 mm	564/106/164 mm
weight	7.5 kg	7.5 kg	7.5 kg

CORE DRILL MOTORS 230 V	NR.	PRICE IN €
CDM 20 P wet/dry, incl. carry case	1004139	1.225,00
[1] CDM 20 S wet/dry, incl. carry case	1004304	1.225,00

CORE DRILL MOTORS 110 V	NR.	PRICE IN €
CDM 20 P wet/dry, incl. carry case	1004229	1.225,00

ACCESSORIES	NR.	PRICE IN €
[2] CDM 20 - antifriction washer (brass)	823520	11,00
[3] CDM 20 - centre spike 190 - 250mm	700353	129,00
[3] CDM 20 - centre spike 230 - 350 mm	700354	135,00
[3] CDM 20 - centre spike 360 - 480 mm	700355	145,00
CDM 20 - adapter cable 2m plug Schuko coupl. CEE 3-pin 16 A	822312	35,00
CDM 20 - adapter cable 2m plug CH Typ12 coupl. Schuko	822311	35,00
CDM 20 - adapter cable 2m plug CEE 3-pin 16 A coupl. Schuko	822310	35,00



DRILL-JET MOTORS

POWERFUL DIAMOND CORE DRILLING MACHINES FOR WET DRILLING

- User-friendly – three gear levels permit optimum speed selection adapted to the specific core drill diameter
- Drill bit mounting with integrated spindle guard
- Electromechanical on/off switch on the control box is quick and easy to operate even in difficult situations
- The careful design of the safety clip secures the core drill in the harsh construction site environment as well as acting as a functional handle for daily transport and simple mounting on drilling stands.



CDM 33 W

MULTI-TRONIC

- Overload protection for the highest possible operating comfort and long service life
- Integrated smooth start makes operation easier when starting the drilling process
- Maximum safety due to electronic and mechanical overload coupling as well as additional thermal overload protection



[1] CDM 63 W



[2] Antifriction ring



[3] Water flow indicator

TECHNICAL DATA	CDM 33 W	CDM 33 W, 110 V	CDM 63 W
rated power	3300 W	3300 W	6300 W
output power	2550 W	2550 W	4350 W
voltage	230 V/50-60 Hz	110 V/50-60 Hz	400 V/50-60 Hz
rated current	16 A	24 A	11 A
speed without load	360/680/1050 1/min.	360/680/1050 1/min.	140/280/440 1/min.
speed fully load	220/420/650 1/min.	220/420/650 1/min.	110/250/395 1/min.
core drill Ø stationary	350/160/100 mm	350/160/100 mm	500/320/210 mm
core bit connection	1 1/4" UNC	1 1/4" UNC	1 1/4" UNC
drill motor holder	UNIVERSAL mounting plate	UNIVERSAL mounting plate	UNIVERSAL mounting plate
dimensions with clip (L/W/H)	541/181/194 mm	541/181/194 mm	630/190/185 mm
weight	13.3 kg	13.3 kg	27 kg

CORE DRILL MOTORS 230 V	NR.	PRICE IN €
CDM 33 W stationary with MULTI-TRONIC, wet, incl. anti-friction ring	700303	1.490,00
CORE DRILL MOTORS 110 V	NR.	PRICE IN €
CDM 33 W stationary with MULTI-TRONIC, wet, incl. antifriction ring	700309	1.490,00
CORE DRILL MOTORS 400 V	NR.	PRICE IN €
[1] CDM 63 W - with automatic phase changing switch for drilling stand, wet, incl. anti-friction ring	700315	2.290,00
ACCESSORIES	NR.	PRICE IN €
[2] CDM - antifriction ring	700400	62,00
[3] CDM - water flow indicator	700410	21,00



DRILL-JET STANDS

COMPACT, FUNCTIONAL AND ROBUST DIAMOND CORE DRILLING STANDS
FOR RELIABLE PROFESSIONAL USE

- Simple assembly and efficient exchange of the core drill motors via the UNIVERSAL quick clamping collar system.
- The UNIVERSAL-mounting plate makes it easy to mount any drill motor precisely
- Ergonomic and effortless core drilling by hand crank which can be operated from either side
- The support feed is precisely controllable with 1:1 direct ratio or an additional 1:2 fine control (CDR 402) ratio.
- Precise support guidance using V-sliding blocks and the aluminium profile column
- The bearing guide is precise and sturdy, and can be easily adjusted
- The steel gear rack is safely built into the aluminum column
- For drilling at an angle, the aluminium profile column can be pivoted backwards by up to 45°
- The integrated handle on the aluminium profile column offers multi-purpose handling and drilling stand transport
- Precise alignment of the core drilling stand by four levelling screws as well as a vertical and horizontal water level integrated in the "support"
- The support can be locked in any position with a locking screw, for stepless height adjustment



CDR 342



[1] CDR 162



[2] CDR 402



[3] Collar



[4] Quick-clamping spindle M12



[5] Vacuum cover



[6] Vacuum sealing ring



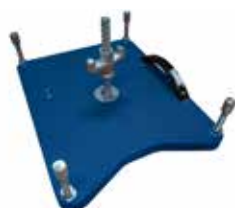
[7] UNIVERSAL spacer plate



[8] Anchoring iron



[9] Vacuum pump



[10] Vacuum plate



[11] Water collecting ring

TECHNICAL DATA	CDR 162	CDR 342	CDR 402
core bits Ø recommended	150 mm	300 mm	350 mm
core bits Ø max.	162 mm	342 mm	402 mm - spacer plate
adjustable useful length	585 mm	620 mm	585 mm
motor mounting using	collar-Ø 60 mm	UNIVERSAL	UNIVERSAL
feed gears operation from either side	1:1	1:1	1:1 and 1:2
feed	hand crank	hand crank	hand crank
angle drilling	90° - 45°	90° - 45°	90° - 45°
dimensions (L/W/H)	450/230/900 mm	470/280/1020 mm	520/390/1035 mm
weight	7.7 kg	10.9 kg	18.9 kg

CORE DRILL STAND	NR.	PRICE IN €
[1] CDR 162 with clamping collar Ø 60 mm quick-clamping system	700319	820,00
CDR 342 with UNIVERSAL quick-clamping system	700320	1.090,00
[2] CDR 402 with UNIVERSAL quick-clamping system	700321	1.690,00

ACCESSORIES	NR.	PRICE IN €
[3] CDR 342 - collar Ø 60 mm	700322	169,00
[4] CDR 162 / 342 / 402 - quick-clamping spindle M12	700323	33,00
[5] CDR 162 / 342 - vacuum cover	700324	119,00
[6] CDR 162 - vacuum sealing ring	700325	20,00
[6] CDR 342 - vacuum sealing ring	700326	32,00
[7] CDR 342 / 402 - UNIVERSAL spacer plate 30 mm	700327	129,00
[7] CDR 342 / 402 - UNIVERSAL spacer plate 60 mm	700328	220,00
[7] CDR 342 / 402 - UNIVERSAL spacer plate 90 mm	700329	330,00
CDR 342 - quick-clamping mounting plate	700330	225,00
CDR 402 - quick-clamping mounting plate	700331	290,00
CDR - anchoring dowels Ø 16mm / M12 (50 pcs.)	700401	50,00
[8] CDR - anchoring iron incl. grip	700402	25,00
[9] CDR - vacuum pump incl. 2 m hose and pneumatic quick coupling	700350	670,00
[10] CDR - vacuum plate	700360	380,00
[11] CDR - water collecting ring LWR 100	1018354	180,00
[11] CDR - water collecting ring LWR 150	1018355	200,00
[11] CDR - water collecting ring LWR 200	1018356	275,00
[11] CDR - water collecting ring LWR 250	1018357	285,00
[11] CDR - water collecting ring LWR 350	1018358	410,00
CDR - rubber seal set LWR 100	1021053	24,00
CDR - rubber seal set LWR 150	1021054	27,00
CDR - rubber seal set LWR 200	1021055	33,00
CDR - rubber seal set LWR 250	1021056	39,00
CDR - rubber seal set LWR 350	1021057	44,00
CDR - sealing disc with scale LWR 100	1021059	28,00
CDR - sealing disc with scale LWR 150	1021060	30,00
CDR - sealing disc with scale LWR 200	1021061	36,00
CDR - sealing disc with scale LWR 250	1021062	42,00
CDR - sealing disc with scale LWR 350	1021063	55,00



DRILL-JET STANDS

COMPACT, FUNCTIONAL AND ROBUST DIAMOND CORE DRILLING STANDS
FOR RELIABLE PROFESSIONAL USE

- The UNIVERSAL mounting plate makes it easy to mount any drill motor precisely
- Ergonomic and effortless core drilling thanks to a hand crank cross which can be operated from either side
- The support feed is precisely controllable with 1:1 direct ratio or an additional 1:3 fine control ratio.
- Precise support guiding using roller guides
- The toothed rod is safely built into the aluminium profile column
- For drilling at an angle, the aluminum profile column can be pivoted backwards by up to 45°
- The massive drilling stand support offers high stability
- Precise alignment of the core drilling stand by four levelling screws as well as a vertical and horizontal water level integrated in the "support"
- The support can be locked in any position with a locking screw, for stepless height adjustment



CDR 251



[1] CDR 501



[2] Clamping collar holder



[3] UNIVERSAL quick-clamping motor plate



[4] Wheel set



[5] Anchoring dowels



[6] Anchoring iron



[7] Vacuum pump



[8] Vacuum plate



[9] Water collecting ring



[10] Sealing disc

TECHNICAL DATA	CDR 251	CDR 501
core bits Ø max.	250 mm	500 mm
adjustable useful length	550 mm	650 mm
motor mounting using	UNIVERSAL	UNIVERSAL
feed gear	1:1 / hand crank (optional gear 1:1/1:3)	
angle drilling	90°- 45°	90°- 45°
fixing	dowels	dowels
dimensions (L/W/H)	300/190/880 mm	430/235/1065 mm
weight	11.8 kg	17.0 kg

CORE DRILL STAND	NR.	PRICE IN €
CDR 251 with UNIVERSAL quick-clamping system	1028801	1.430,00
[1] CDR 501 with UNIVERSAL quick-clamping system	1029053	1.640,00

ACCESSORIES		PRICE IN €
CDR 251-501 feed gear for core drilling stands CDR 251/501 - 1:1 and 1:3 / operated from either side	1028802	210,00
[2] CDR 251-501 clamping collar holder	1029074	145,00
[3] CDR 251-501 UNIVERSAL quick-clamping motor plate	1029075	105,00
[4] CDR 251-501 wheel set	1029076	75,00
[5] CDR - anchoring dowels Ø 16mm / M12 (50 pcs.)	700401	50,00
[6] CDR - anchoring iron incl. grip	700402	25,00
[7] CDR - vacuum pump incl. 2 m hose and pneumatic quick coupling	700350	650,00
[8] CDR - vacuum plate	700360	380,00
[9] CDR - water collecting ring LWR 100	1018354	180,00
[9] CDR - water collecting ring LWR 150	1018355	200,00
[9] CDR - water collecting ring LWR 200	1018356	275,00
[9] CDR - water collecting ring LWR 250	1018357	285,00
[9] CDR - water collecting ring LWR 350	1018358	410,00
CDR - rubber seal set LWR 100	1021053	24,00
CDR - rubber seal set LWR 150	1021054	27,00
CDR - rubber seal set LWR 200	1021055	33,00
CDR - rubber seal set LWR 250	1021056	39,00
CDR - rubber seal set LWR 350	1021057	44,00
[10] CDR - sealing disc with scale LWR 100	1021059	28,00
[10] CDR - sealing disc with scale LWR 150	1021060	30,00
[10] CDR - sealing disc with scale LWR 200	1021061	36,00
[10] CDR - sealing disc with scale LWR 250	1021062	42,00
[10] CDR - sealing disc with scale LWR 350	1021063	55,00



DRILL-JET CHANNEL CORE DRILLING SYSTEM

FUNCTIONAL, ROBUST AND COMPACT CHANNEL CORE DRILLING SYSTEM

CORE DRILLING MACHINE - CDM 23 WP

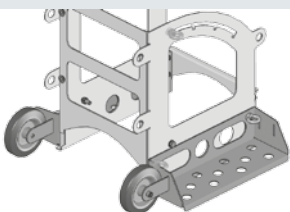
- User friendly – three gear levels provide optimal rotational speed at each respective core drilling diameter
- Rapid drill bit mounting with integrated spindle guard
- Emergency stop button is centrally located, right on the control display, and can be operated quickly and easily, even in the toughest situations
- To avoid risk of burns, the exhaust hose is equipped with additional protective heat insulation in the working area
- Maximum safety due to integrated centrifugal clutch (2-stroke gasoline motor) and mechanical overload clutch (3-gear transmission)

CHANNEL CORE DRILLING STAND - CDR 350

- Simple mounting of core drilling stand to exposed sewer pipe by tensioning set or ratchet
- If the sewer pipe is not completely exposed, the core drilling stand can be mounted easily and efficiently directly to the ground, using spikes
- Ergonomic and effortless core drilling by a hand crank cross which can be operated vertically or horizontally
- The support feed is precisely controlled by a 1:1 direct ratio as well as a trapezoid spindle
- Precise support feed by galvanized steel posts and Teflon bushings
- Innovative drilling stand support bracket offers excellent stability and precise drilling between 45 and 90 degrees
- Adjustments for angle drilling can be made with the included No. 19 and ring-ratchet wrench
- Drilling stand support bracket can be mounted on right or left side, to accommodate the space requirements at any construction site setting
- Drilling stand support bracket also features a crane hook which facilitates lifting and lowering of the entire drilling system in and out of the construction pit
- The UNIVERSAL mounting plate makes it easy to mount any electric drill motor precisely



CDM 23 WP & CDR 350



[1] Stand-on plate



[2] Digger shovel frame



[3] Water pressure tank

TECHNICAL DATA	CDM 23 WP	CDR 350
rated power	2.7 hp / 2000 W	
output power	2.4 hp / 1750 W	
speed without load	370 / 720 / 1090 ¹ /min.	
speed fully load	220 / 420 / 650 ¹ /min.	
core drill Ø stationary	350 / 160 / 100 mm	
cooling	air-cooled	
core bit connection	1 ¼" UNC	
drill motor holder	universal-mounting plate	
core bits Ø recommended		80 - 300 mm
core bits Ø max.		350 mm
adjustable useful length		250 mm
motor mounting using		UNIVERSAL
feed and drive unit/getriebe		1:1
feed and drive unit		hand crank wheel
angle drilling		90° - 45°
drill stand foot		steel
fixing		clamping-fixture/peg
dimensions with clip (W/D/H)	350 / 700 / 280 mm	500/600/950 mm
weight	16 kg	39 kg

DIAMOND TOOLS RECOMMENDATION

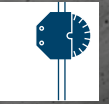
Concrete	BKNW 21	→ page 147
Adapter		→ page 157

CHANNEL CORE DRILLING SYSTEM	NR.	PRICE IN €
CDM 23 WP channel core drill machine	823012	2.390,00
CDR 350 channel drill stand	1031429	1.330,00

ACCESSORIES	NR.	PRICE IN €
[1] CDR 350 - stand-on plate incl. wheel set and handle	1041406	590,00
[2] CDR 350 - digger shovel frame	1037296	520,00
[3] CDR 350 - water pressure tank 10 litre incl. 2m plastic hose, gardena water fitting and pressure gauge	700351	215,00







+ WALL SAWS

LISSMAC offers a carefully designed, user-friendly wall saw system. Cutting reinforced concrete, masonry and various construction materials. For controlled demolition work and dismantling, conversion and renovation work in building construction and civil engineering. Apertures for doors, windows, and shafts, etc. will be no problem for our powerful systems.

LWSE 540

LIGHTWEIGHT, FLEXIBLE AND UNIVERSALLY APPLICABLE

- Safe and easy handling
- Perfect straight cuts
- Cutting depth adjustment
- Less straining for the operator compared to handheld saws
- Suitable for reinforced concrete and masonry
- Wide accessory range

Guide rails

- Extremely lightweight aluminium guide rail
- Direct wall mounting with the help of two plugs M12
- Robust design allows for opposite cuts
- Carriage is fixed on the rail system
- Integrated water level assures exact mounting
- Slotted mounting ring assures rapid and exact adjustment

Sawing system

- Patented mounting system of the sawing machine on the carriage
- Ensured safety even when sticking in the wall
- Stitching saw cuts are possible
- Overload protection: thermal overload protection, friction clutch, PRCD (Portable Residual Current Device)

Flush cut saw

- Aluminum saw blade guard
- Brush can easily be exchanged
- Complete flush guard kit comes as accessories kit



[1] Set of aluminium rail couplers



[2] Transport box



[3] Flush guard cut kit

TECHNICAL DATA	LWSE 540
cutting depth max.	115 mm / 165 mm / 210 mm
saw blade Ø max.	350 mm / 450 mm / 540 mm
saw blade holder	30 mm
output power max.	2.2 kW, 230 V
saw blade speed	2700 1/min.
weight	14.6 kg
weight guide rail 1.3 m	6.6 kg
weight guide rail 2.3 m	9.9 kg

WALL SAW SYSTEM LWSE 540	NR.	PRICE IN €
LWSE 540 saw unit incl.	1043656	5.400,00
- guide rail 1,300 mm + carriage		
- guide rail 2,300 mm + carriage		
- transport box for saw unit		
- transport box for guide rails 1,300 mm		
- transport box for guide rails 2,300 mm		

ACCESSORIES	NR.	PRICE IN €
LWSE 540 - guide rail 1,300 mm + carriage with spacer plates 2 x T=2 mm / T=3 mm / T=5 mm	1043657	950,00
LWSE 540 - guide rail 2,300 mm + carriage with spacer plates 2 x T=2 mm / T=3 mm / T=5 mm	1043658	1.150,00
[1] LWSE 540 - set of aluminium rail couplers	1043659	150,00
LWSE 540 - transport box for saw unit	1043660	190,00
[2] LWSE 540 - transport box for guide rails 1,300 mm	1043661	150,00
[2] LWSE 540 - transport box for guide rails 2,300 mm	1043662	190,00
[3] LWSE 540 - flush guard cut kit (flush guard Ø 540 mm + 3 pcs flush blade flange)	1043663	890,00



LWSE 800 / LWSE 1200

ELECTRIC WALL SAWS FOR UNIVERSAL APPLICATIONS AND EVERYDAY USE ON THE CONSTRUCTION SITE

LWSE 800

- Both installation and dislocation are realized in a glimpse
- Integrated design with only one cable and one hose
- Combined with the perfected electronic feed control the power of the extreme compact motor delivers an unmatched cutting performance within the 16A range
- Optimized system-specific blade guard and light tracks
- Handy radio remote control

LWSE 1200

- The pioneering drive concept enables the combination of extreme reliability and optimum performance with low service requirements and reduced service costs
- 4 application options by means of an expandable system: wall sawing/wire sawing/circular wire sawing/drilling
- Simple assembly and disassemble due to lightweight and compact system components
- Innovative, powerful and low-maintenance electric motor without transmission
- Optimised remote control for greater mobility and created safety
- Lightweight control unit enables use in the 16 and 32 A range



LWSE 800



LWSE 1200



[1] Rotary rail support



[2] Electric control unit+ radio remote control



[3] Blade guard



[4] V-Track feet alu

TECHNICAL DATA	LWSE 800	LWSE 1200
cutting depth max.	335 mm	520 mm
saw blade Ø max.	825 mm	1200 mm
free detachable up to Ø	700 mm	825 mm
saw blade holder	60 mm / 25,4 mm	60 mm
blade flange mounting	central screw	quick-release flange
saw blade fixing (flush cuts)	6 countersunk head screws, TK 90 mm	6 countersunk head screws, TK 130 mm
motor	water-cooled	water-cooled, without gearbox
output power max. at 16 A	9 kW	8 kW
output power max. at 32 A	-	17 kW
voltage	400 V / 16 A	400 V
frequency	50 Hz / 60 Hz	50 Hz / 60 Hz
protection class	IP 65	IP 67
weight sawing body	30 kg	-
weight wall saw head (complete)	-	22 kg
weight drive	-	15 kg

WALL SAW SYSTEM LWSE 800	NR.	PRICE IN €
LWSE 800 wall saw incl. feed motors	1042127	49.000,00
LWSE 800 - track cpl. 700mm	1042111	1.300,00
LWSE 800 - track cpl. 1100mm	1042110	1.350,00
LWSE 800 - track cpl. 2200mm	1042113	2.700,00
[1] LWSE 800 - rotary rail support (recommended: 3 pieces)	1042108	490,00
LWSE 800 - track stop (recommended: 2 pieces)	1042109	99,00
LWSE 800 - blade guard All-In-One 750 mm	1042107	3.250,00
LWSE 800 - transport trolley	1042112	1.490,00

WALL SAW SYSTEM LWSE 1200	NR.	PRICE IN €
LWSE 1200 wall saw incl. feed motors	1042104	24.900,00
LWSE 1200 - electric main drive motor 400 V/50 Hz	1042102	15.900,00
[2] LWSE 1200 - electric control unit 400 V/50 Hz incl. radio remote control	1042105	29.900,00
LWSE 1200 - transport trolley	1042087	2.350,00
[3] LWSE 1200 - blade guard 1000 mm 3 parts All-In-One	1042095	4.900,00
LWSE 1200 - VAS G Track / 1100 mm / alu	1042090	1.790,00
LWSE 1200 - VAS G Track / 2200 mm / alu	1042088	3.580,00
LWSE 1200 - track connector for VAS and VS tracks	1042075	380,00
[4] LWSE 1200 - V-Track feet alu, flat (recommended: 3 pieces)	1042045	480,00

ACCESSORIES	NR.	PRICE IN €
LWSE 1200 - track connector for VAS and VS tracks	1042075	380,00
LWSE 1200 - blade flange ST compl.	1042086	750,00
[3] LWSE 1200 - blade guard 800 mm 3 parts All-In-One	1042094	4.750,00
[3] LWSE 1200 - blade guard 1000 mm 3 parts All-In-One	1042095	4.900,00
[3] LWSE 1200 - blade guard 1200 mm 3 parts All-In-One	1042096	5.850,00
[4] LWSE 1200 - V-Track feet alu, flat	1042045	480,00



LWSH 1201 / LWSH 1600

HYDRAULIC POWER PACKAGES FOR TOUGHEST CUTTING TASKS

LWSH 1201

- The extremely sturdy and proven design ensures high reliability and cutting accuracy
- In conjunction with hydraulic drives with outputs of up to 20 kW, blade diameters of up to maximum 1200 mm can be used.
- Robust saw head with standard hydraulic motors
- Blade guard for normal and flush cutting
- Slide guide with ergonomic locking system and fine adjustment

Design

- GR2 hydraulic motor with quick-change device
- Swivel arm, can be rotated by 360°
- Power transmission in swivel arm via toothed belt
- Carriage controlled using bronze guide



LWSH 1201

LWSH 1600

- Use of the quick-separation flange on the swivel arm provides simple, fast blade replacement and facilitates use in flush cutting applications
- Innovative feed motors ensure fast cutting
- In conjunction with hydraulic drives with outputs of up to 25 W, blade diameters of up to maximum 1600 mm can be used
- Wall saw head constructed from high-strength aluminium base alloy, gear swivel arm and roller guides
- Gear swivel arm with quick separation flange mounting
- Wall saw head can be mounted quickly and easily

Design

- GR2 hydraulic motor with quick-change device
- Swivel arm, can be rotated by 360°
- Power transmission in swivel arm via gear wheel
- Carriage guided by rollers



LWSH 1600



[1] Blade guard



[2] V-Track feet alu



TECHNICAL DATA	LWSH 1201	LWSH 1600
cutting depth max.	510 mm	710 mm
saw blade Ø max.	1200 mm	1600 mm
free detachable up to	900 mm	825 mm
saw blade holder	60 mm	60 mm
blade flange mounting	central screw	quick-release flange
saw blade fixing (flush cuts)	6 countersunk head screws, TK 130 mm	6 countersunk head screws, TK 130 mm
weight incl. drive motor and 2 feed motors	34 kg	29 kg
weight with 2 feed motors only	27 kg	24 kg

WALL SAW SYSTEM LWSH 1201	NR.	PRICE IN €
LWSH 1201 wall saw	1042092	16.300,00
LWSH 1201 - motor complete B/S 22 ccm / FD	1042061	1.650,00
[1] LWSH 1201 - blade guard 1000 mm 3 parts All-In-One	1042095	4.900,00
LWSH 1201 - VAS G Track / 1100 mm / alu	1042090	1.790,00
LWSH 1201 - VAS G Track / 2200 mm / alu	1042088	3.580,00
[2] LWSH 1201 - V-Track feet alu, flat (recommended: 3 pieces)	1042045	480,00
LWSH 1201 - Pressure relief valve FD	1042074	150,00

WALL SAW SYSTEM LWSH 1600	NR.	PRICE IN €
LWSH 1600 Wandsäge	1042089	22.500,00
LWSH 1600 - motor complete B/S 22 ccm / FD	1049394	1.650,00
[1] LWSH 1600 - blade guard 1000 mm 3 parts All-In-One	1042095	4.900,00
LWSH 1600 - VAS G Track / 1100 mm / alu	1042090	1.790,00
LWSH 1600 - VAS G Track / 2200 mm / alu	1042088	3.580,00
[2] LWSH 1600 - V-Track feet alu, flat (recommended: 3 pieces)	1042045	480,00
LWSH 1600 - Pressure relief valve FD	1042074	150,00
LWSH 1600 - quick-change set for motors Gr. 2	1042047	230,00

ACCESSORIES	NR.	PRICE IN €
LWSH 1201 - 1 piece bronze guide complete	1042048	45,00
LWSH 1201 - flush cutting flange	1042056	550,00
LWSH 1201 - tooth belt	1042046	170,00
[1] LWSH 1201 / 1600 - Blade guard 800 mm 3 parts All-In-One	1042094	4.750,00
[1] LWSH 1201 / 1600 - Blade guard 1000 mm 3 parts All-In-One	1042095	4.900,00
[1] LWSH 1201 / 1600 - Blade guard 1200 mm 3 parts All-In-One	1042096	5.850,00
LWSH 1600 - blade flange ST complete	1042086	750,00
LWSH 1600 - blade guard 1600 mm 2 parts	1042081	5.150,00
LWSH 1600 - blade guard holder 2 parts for bolt	1042071	1.150,00

MOTORS	NR.	PRICE IN €
LWSH 1201 - motor complete B/S 16 ccm / FD	1042059	1.650,00
LWSH 1201 - motor complete B/S 18 ccm / FD	1042060	1.650,00
LWSH 1600 - motor complete B/S 16 ccm / FD	1049392	1.650,00
LWSH 1600 - motor complete B/S 18 ccm / FD	1049393	1.650,00
LWSH 1201 / 1600 - quick-change set for motors size 2	1042047	230,00



DRIVES LHD

- The 2-stage control ensures optimum cutting speeds for all applications
- A simple and uncomplicated drive with product features reduced to the essentials
- Ergonomically arranged control panel
- Safe due to high quality electronic components
- Manometer display for main and feed cycle

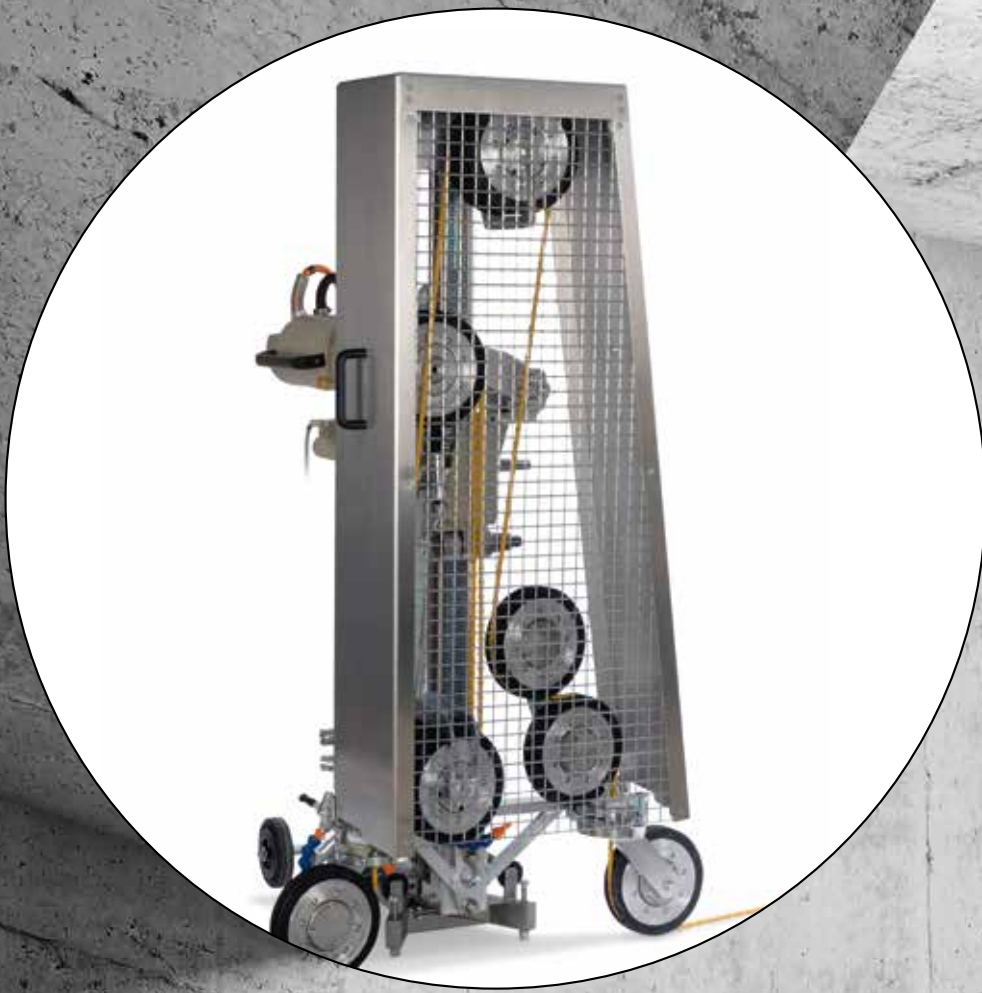


TECHNICAL DATA	LHD 20	LHD 25
output	20 kW	25 kW
pressure stages	2	2
2 feed circuits	gear pump	gear pump
main circuit	double gear pump	double gear pump
stage 1	33l / min at 260 bar	45 l / min at 230 bar
stage 2	40 l / min at 210 bar	50 l / min at 200 bar
voltage	200 V / 400 V / 480 V	400 V / 480 V
frequency	50 Hz / 60 Hz	50 Hz / 60 Hz
current consumption (400 V / 50 Hz)	32 A	42 A
dimensions (L/W/H)	720/475/988 mm	720/475/988 mm
weight	140 kg	145 kg

DRIVES	NR.	PRICE IN €
LHD 25 Drive unit / 380-420V / 50Hz	1043651	24.900,00
LHD 20 Drive unit / 380-420V / 50Hz	1042091	20.900,00
Hose package 5 pieces 8 m FD	1042063	2.290,00
Hose package 2 pieces 8 m FF (feed and drive unit)	1042058	760,00

ACCESSORIES	NR.	PRICE IN €
On/Off valve for wire sawing	1042084	2.350,00







+ WIRE SAWS

The LISSMAC wire saw system is the custom solution for permanently changing requirements. Both electric wire saws and hydraulic saws are easy to transport and to install. With the help of diamond wire accurate openings with random shapes are possible, where the cutting depth is nearby unlimited Cutting of reinforced concrete, brickwork and diverse building materials. For controlled removal, as well as demolition works, renovations and maintenance works regarding civil engineering. Cutting of basements, pipes, pillars, bridges, etc.

LWCH 100

- Faster, safer and simpler working thanks to direct mounting of the wire saw on the cutting surface
- The wire saw can be converted into a core drill rig by means of only 2 screws
- The intuitive roller arrangement makes wire guidance into child's play

Design

- Hydraulic motor GR2
- 2 drive rolls Ø 280 mm
- Diverter rolls Ø 200 mm
- Wire fed from wire store hydraulically



[1] Plug roll



[2] Universal pulley frame



[3] Individual pulley with support



[4] 2 support pulleys with support

TECHNICAL DATA	LWCH 100
wire storage	7.4 m
overall wire length	10.8 m
wire Ø, sintered	11 mm
wire Ø, galvanised	10 mm
dimensions (W/D/H)	920/810/1340 mm
weight without drill rig	66 kg
weight with drill rig CDR-2	96 kg

WIRE SAW SYSTEM	NR.	PRICE IN €
LWCH 100 - drill rig CDR-2	1042050	4.500,00
LWCH 100 - wire saw kit excl. CDR-2	1042069	11.500,00
LWCH 100 - motor complete S/S 8+19ccm/FD	1042065	3.200,00
LWCH 100 - hydraulic feed kit	1042080	3.370,00
LWCH 100 - protection cover	1042079	1.290,00
LWCH 100 - trolley chassis	1042049	350,00

ACCESSORIES	NR.	PRICE IN €
LWCH 100 - protection cover	1042079	1.290,00
LWCH 100 - hydraulic feed kit	1042080	3.370,00
LWCH 100 - motor complete S/S 8+11ccm/FD	1042070	3.200,00
LWCH 100 - motor complete S/S 8+19ccm/FD	1042065	3.200,00
LWCH 100 - motor complete S/S 11+22ccm/FD	1042082	3.200,00
LWCH 100 - motor complete S/S 11+30ccm/FD	1042083	3.200,00
LWCH 100 - drive wheel Ø 280mm	1042066	280,00
LWCH 100 - pulley Ø 200 mm	1042043	350,00
LWCH 100 - pulley Ø 200 mm with hole Ø 13 mm	1042044	450,00
LWCH 100 - lining for pulley Ø 200 mm	1042077	39,00
LWCH 100 - swivel pulley Ø 200 mm with holder	1042067	780,00
[1] LWCH 100 - plug roll cpl.	1050107	on demand
[2] LWCH 100 - universal pulley frame	1050108	on demand
[3] LWCH 100 - individual pulley with support	1050109	on demand
[4] LWCH 100 - 2 support pulleys with support	1050110	on demand
LWCH 100 - water lance 2,5 m	1042068	150,00

DRIVE	NR.	PRICE IN €
LHD 20 Drive unit / 380-420V / 50Hz	1042091	20.900,00
Hose package 5 pieces 8 m FD	1042063	2.290,00
On/Off valve for wire sawing	1042084	2.350,00



LWCE 200

- The wire saw with the extra large wire store and long stroke for maximum utilisation and application for a maximum structure size of 11 m
- Very finely adjustable feed with wire-conserving smooth start for optimal control of the application, also thanks to the innovative dampening system
- The saw can be placed directly on the object to be cut and can be converted from a drill rig into a wire saw in a matter of minutes
- The expandable modular system can be driven either electrically or, via a conversion kit, hydraulically
- Greatly simplified handling of the wire storage
- Ultra-fine feed provides maximum freedom thanks to the new, innovative damping system
- Electric main and feed motors for extremely smooth, wire-conserving sawing

Design

- 2 drive rolls Ø 200 mm
- Diverter rolls Ø 200 mm
- Feed wire storage electric



[1] Plug roll



[2] Universal pulley frame



[3] Individual pulley with support



[4] 2 support pulleys with support

TECHNICAL DATA	LWCE 200
wire storage	11 m
overall wire length	14.2 m
wire Ø, sintered	11 mm
wire Ø, galvanised	10 mm
power 16 A	8 kW
power 32 A	17 kW
voltage	400 V
frequency	50 Hz / 60 Hz
dimensions (H/W/D)	1517/615/798 mm
weight without drill rig	83 kg
weight with drill rig CDR 500	109 kg

WIRE SAW SYSTEM	NR.	PRICE IN €
LWCE 200 - drill rig CDR 500	1042097	3.900,00
LWCE 200 - wire saw kit incl. feed motor	1042106	22.500,00
LWCE 200 - electric main drive motor 400V/50Hz	1042102	15.800,00
[1] LWCE 200 - electric control unit 400/50 Hz incl. remote control	1042105	30.300,00
LWCE 200 - protection hood	1042099	990,00
LWCE 200 - trolley chassis	1042072	240,00
LWCE 200 - water lance 2.5 m	1042068	150,00

ACCESSORIES	NR.	PRICE IN €
LWCE 200 - trolley chassis	1042072	240,00
LWCE 200 - template	1042100	760,00
LWCE 200 - protection hood	1042099	990,00
LWCE 200 - water lance 2.5 m	1042068	150,00
LWCE 200 - water lance 8 m	1042101	180,00
LWCE 200 - water distributor unit complete	1042103	720,00
LWCE 200 - motor complete B/S 16 ccm / FD	1042059	1.650,00
LWCE 200 - motor complete B/S 18 ccm / FD	1042060	1.650,00
LWCE 200 - motor complete B/S 22 ccm / FD	1042061	1.650,00
LWCE 200 - drive wheel lining Ø 200 mm	1042040	50,00
LWCE 200 - pulley Ø 200 mm	1042041	380,00
[1] LWCH 100 - plug roll cpl.	1050107	on demand
[2] LWCH 100 - universal pulley frame	1050108	on demand
[3] LWCH 100 - individual pulley with support	1050109	on demand
[4] LWCH 100 - 2 support pulleys with support	1050110	on demand





FBSP 201 Ø 450



BSP 401 Ø 600

High-Speed Performance for Best
Professional Diamond Blade for concrete



LISSMAC

ASP 701 Ø 600

High-Speed Performance for Best
Professional Diamond Blade for concrete



LISSMAC

BSP 501 Ø 700

High-Speed Performance for Best
Professional Diamond Blade for concrete



LISSMAC

LIMATRIX



LISSMAC

LISSMAC

LISSMAC



WSP 425 Ø 700

Profi-Stein-Bohrschleife für Beton
Professional diamond blade for concrete



LISSMAC
CONSTRUCTION TECHNOLOGY

BSP 201 Ø 700

High-Stein-Bohrschleife für Beton
Professional diamond blade for concrete



LISSMAC
CONSTRUCTION TECHNOLOGY

ASP 601 Ø 800

High-Diamond-Bohrschleife für Asphalt
Professional diamond blade for asphalt

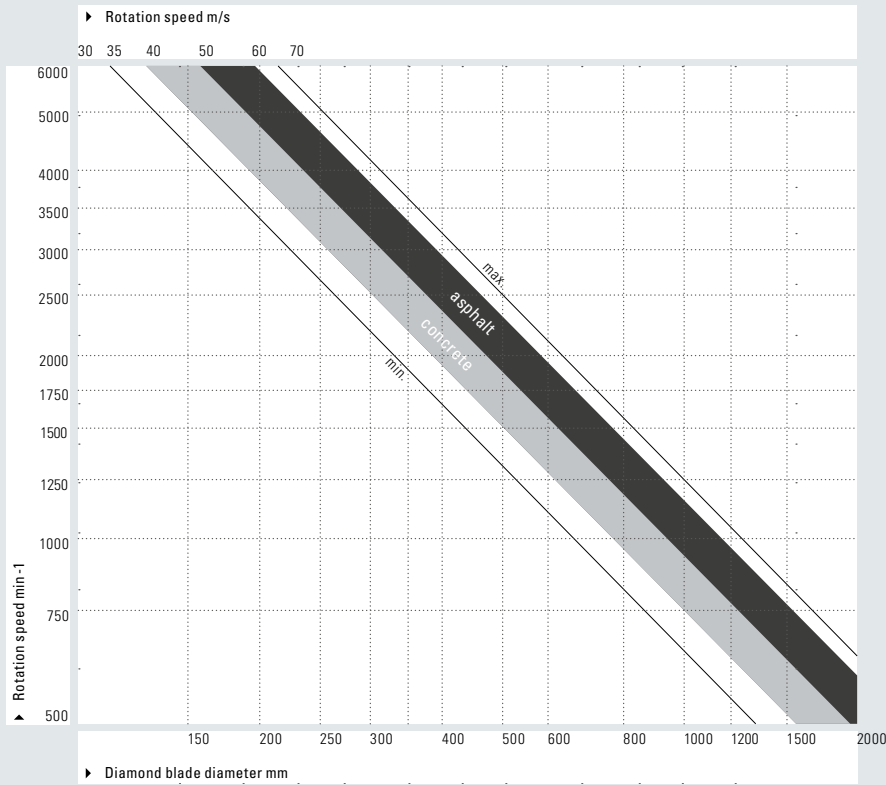


LISSMAC
CONSTRUCTION TECHNOLOGY

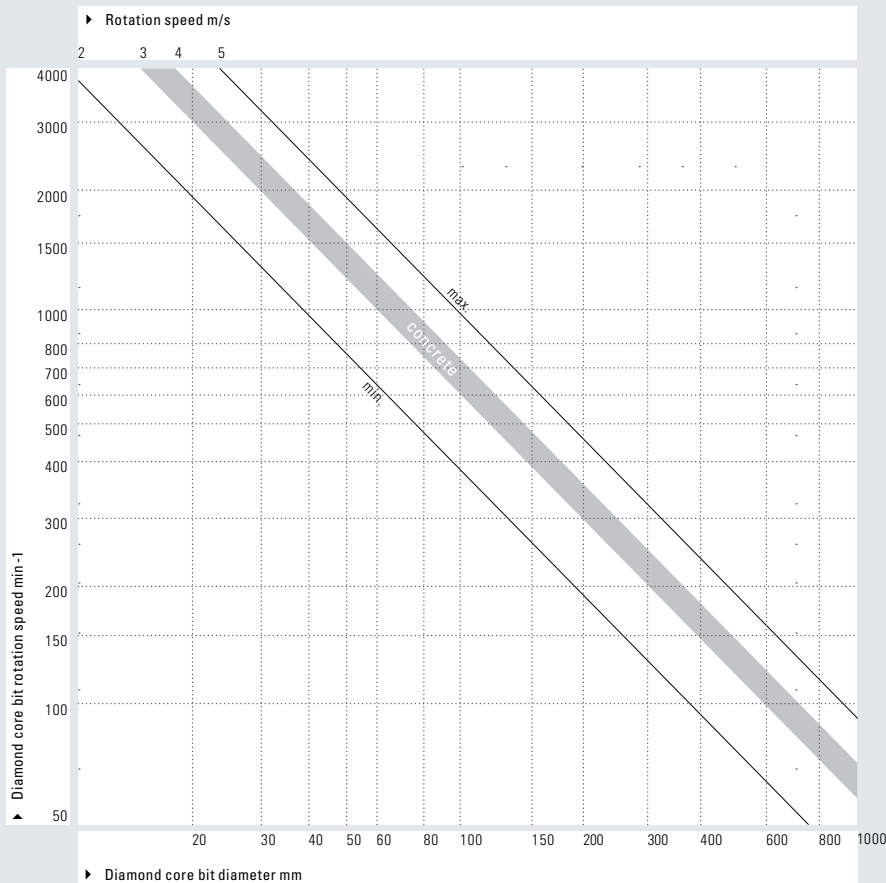
+ DIAMOND TOOLS

As a manufacturer of saw plants, floor saws and drilling machines as well as diamond tools we know what is important for good diamond tools. The best machine is just as good as its tool and the best tool is just as good as the machine where it is used. Only combining the two factors will guarantee high productivity and economy. Our long-standing experience, the continuous further development as well as the comprehensive measures for quality assurance guarantee the production of powerful diamond saw blades of constant quality.

ROTATION SPEED OVERVIEW



DIAMOND BLADES



DIAMOND
CORE BITS

FIND THE IDEAL TOOL FOR YOUR APPLICATION, STEP BY STEP

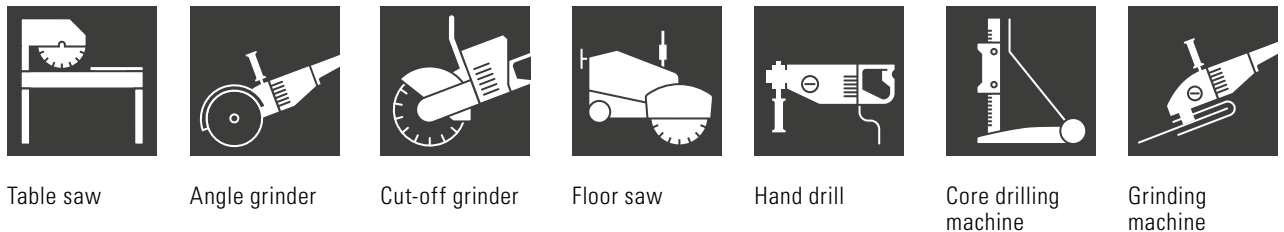
STEP 1 Which material do you want to work with?

To simplify your search for a suitable tool, we have developed a colour guide system to give a snap overview. There are 9 material types in total:



STEP 2 Which machine do you want to work with?

The pictograms will help you with a snap selection:



STEP 3 How to search in the overview table?

EXAMPLE: You are looking for a cut-off disc for asphalt and you want to work with a floor saw.

Tool type					Asphalt	Concrete	Natural stone
ASW 11			•	•	+++		
MUSW 10			•	•	++	++	
BSW 10			•	•		+++	
BSW 13	•	•	•			+++	+
GSW 21	•	•	•			++	++
GSWL 21	•	•	•			++	++
GSW 22	•	•	•			++	+++

An ideally suited cut-off disc for the material in question is signified horizontally.

In our example, the ASW 11 is ideally suited.

On the vertical axis, the points identify whether the disc type is suitable for development on a floor saw.

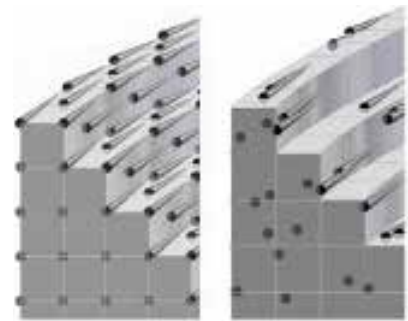
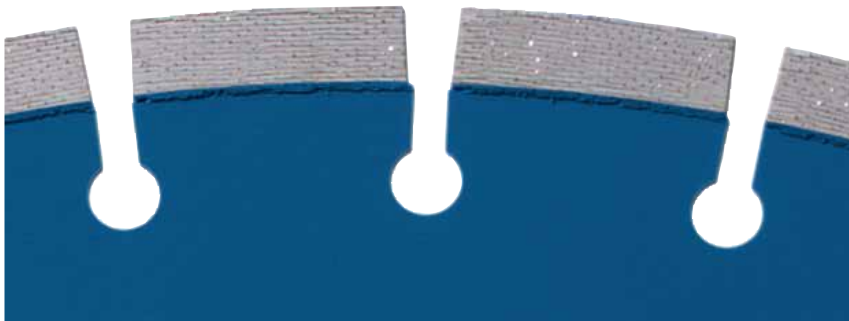
LISSMAC QUALITY TOOLS FOR PROFESSIONAL USE

- higher life time
- excellent cutting speed
- maximum economic efficiency
- straight cutting edges based on smooth and quick cutting
- laser welded segments ensure high quality and safety
- wide range



LIMATRIX - TECHNOLOGIE

The new LIMATRIX-technology (LISSMAC + Matrix= LIMATRIX) guarantees optimum grain distribution which enables consistently fast cutting performances, longer life time and a noticeably quiet cutting behaviour.







LISSMAC guarantees that

- only synthetic diamonds from noted manufacturers are used
- every segment is tested for its transverse strength after having been soldered or welded
- every sintered batch is tested for its hardness, consistency and dimensional accuracy at our laboratories
- every produced saw blade is tested for radial and axial eccentricities and truth of running
- every saw blade is ground in so that the full cutting performance is available at once

APPLICATION TABLE

PROFESSIONAL CUTTING

Tool type	   				Power	Asphalt	Concrete	Abrasive	Fresh concrete	Page
	Wall saw	Floor saw	Core drilling machine	Wire saw						
ASP 401		•			15 - 35 kW	+++		++		116
ASP 601		•			25 - 70 kW	+++		++		116
ASP 701		•			30 - 60 kW	+++		++		117
ASP 703		•			40 - 80 kW	+++		++		117
ASP 801		•			> 80 kW	+++		++	+	118
ASTP 703		•			30 - 60 kW	+++		++		119
ASTP 801		•			30 - 80 kW	+++		++		119
BSP 101 E		•			7,5 - 15 kW		+++			120
BSP 201		•			10 - 15 kW		+++			121
BSP 301		•			15 - 25 kW		+++			121
BSP 401		•			20 - 60 kW		+++			122
BSP 501		•			40 - 70 kW		+++			122
BSP 601		•			60 - 80 kW		+++			123
BSP 602		•			25 - 60 kW		+++			123
BSP 701		•			> 80 kW		+++			124
BSP 702		•			> 80 kW		+++			124
FBSP 201		•			> 10 kW	++		++	+++	125
FBSP 301		•			> 10 kW	++		++	+++	125
FBSP 401		•			> 15 kW	++		++	+++	126
WSP 3 E	•				< 25 kW		+++			127
WSP 501	•				< 15 kW		+++			127
WSP 601	•				10 - 22 kW		+++			128
WSP 701	•				> 20 kW		+++			128
BDSP				•			+++			129
Accessories				•			+++			129
BKP 301 Roof			•		< 5 kW		+++			130
BKP 401 Roof			•		< 5 kW		+++			131

+ suitable to only a limited extent
 ++ recommended
 +++ optimal recommended

DETENSO Silent core

SILENT Sandwich core

 Wet cutting

 Dry cutting

ASPHALT

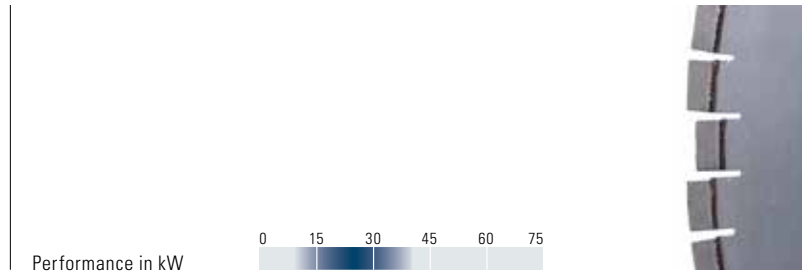
LASER-WELDED DIAMOND BLADES FOR ASPHALT

- short segments for good water supply and dust removal
- guard segments avoid the relief grinding

APPLICATION PARAMETERS:

- rotation speed: 55 - 60 m/s
- feed: 3 - 10 m/min

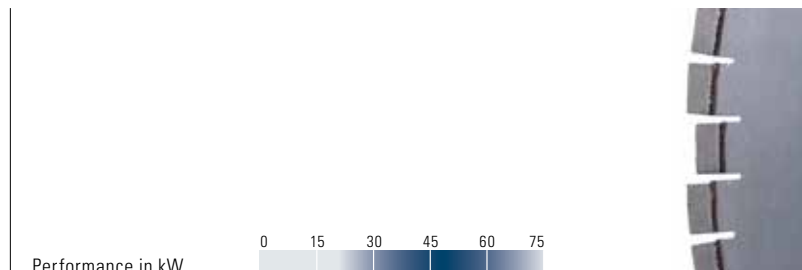
ASP 401



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
350	24 x 3,2 x 12	38	35 - 25,4 mm	794845	490,00
400	24 x 3,2 x 12	42	35 - 25,4 mm	794846	580,00
450	24 x 3,6 x 12	48	35 - 25,4 mm	794847	605,00
500	24 x 3,6 x 12	54	35 - 25,4 mm	794848	685,00
600	24 x 4,6 x 12	66	35 - 25,4 mm	794850	845,00
700	24 x 4,6 x 12	76	35 - 25,4 mm	794852	1.125,00
800	24 x 4,6 x 12	88	35 - 25,4 mm	794853	1.305,00
1000	24 x 4,6 x 12	92	35 - 25,4 mm	794854	1.710,00
1200	24 x 4,6 x 12	106	35 - 25,4 mm	794855	2.180,00



ASP 601



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
350	24 x 3,2 x 10	38	35 - 25,4 mm	794856	490,00
400	24 x 3,2 x 10	42	35 - 25,4 mm	794857	580,00
450	24 x 3,6 x 10	48	35 - 25,4 mm	794858	605,00
500	24 x 3,6 x 10	54	35 - 25,4 mm	794859	685,00
600	24 x 4,6 x 10	66	35 - 25,4 mm	794861	845,00
700	24 x 4,6 x 10	76	35 - 25,4 mm	794863	1.125,00
800	24 x 4,6 x 10	88	35 - 25,4 mm	794864	1.305,00
1000	24 x 4,6 x 10	92	35 - 25,4 mm	794865	1.710,00
1200	24 x 4,6 x 10	106	35 - 25,4 mm	794866	2.180,00



Auxiliary holes + divided circle: 6 NL x Ø 14 mm, TK 120 mm

ASPHALT

LASER-WELDED DIAMOND BLADES FOR ASPHALT

- long segments for smooth cutting
- guard segments avoid the relief grinding

APPLICATION PARAMETERS:

- rotation speed: 55 - 60 m/s
- feed: 3 - 10 m/min

ASP 701



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
450	40 x 4,6 x 12	32	35 - 25,4 mm	794832	595,00
500	40 x 4,6 x 12	36	35 - 25,4 mm	794905	690,00
600	40 x 4,6 x 12	42	35 - 25,4 mm	794906	865,00
700	40 x 4,6 x 12	46	35 - 25,4 mm	794908	1.110,00
800	40 x 4,6 x 12	52	35 - 25,4 mm	794909	1.270,00
1000	40 x 4,6 x 12	68	35 - 25,4 mm	794910	1.850,00
1200	40 x 4,6 x 12	78	35 - 25,4 mm	794911	2.090,00



Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm

ASP 703



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
450	40 x 4,6 x 12	32	35 - 25,4 mm	1012042	595,00
500	40 x 4,6 x 12	36	35 - 25,4 mm	1015147	690,00
600	40 x 4,6 x 12	42	35 - 25,4 mm	1015148	865,00
700	40 x 4,6 x 12	46	35 - 25,4 mm	1015151	1.110,00
800	40 x 4,6 x 12	52	35 - 25,4 mm	1015152	1.270,00
1000	40 x 4,6 x 12	68	35 - 25,4 mm	1015153	1.850,00
1200	40 x 4,6 x 12	78	35 - 25,4 mm	1015154	2.090,00



Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm

Further segment widths on demand

ASPHALT

LASER-WELDED DIAMOND BLADES FOR ASPHALT

- long segments for smooth cutting
- guard segments avoid the relief grinding

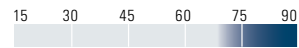
APPLICATION PARAMETERS:

- rotation speed: 55 - 60 m/s
- feed: 3 - 10 m/min

ASP 801



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
450	40 x 4,6 x 12	32	35 - 25,4 mm	794913	595,00
500	40 x 4,6 x 12	36	35 - 25,4 mm	794915	690,00
600	40 x 4,6 x 12	42	35 - 25,4 mm	794917	865,00
700	40 x 4,6 x 12	46	35 - 25,4 mm	794919	1.110,00
800	40 x 4,6 x 12	52	35 - 25,4 mm	794920	1.270,00
1000	40 x 4,6 x 12	68	35 - 25,4 mm	794921	1.850,00
1200	40 x 4,6 x 12	78	35 - 25,4 mm	794922	2.090,00



ASPHALT

LASER-WELDED DIAMOND BLADES FOR DRY CUTTING IN ASPHALT

- long segments for smooth cutting
- guard segments avoid the relief grinding

APPLICATION PARAMETERS:

- rotation speed: 55 - 60 m/s
- feed: 3 - 10 m/min

ASTP 703



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
300	40 x 4,6 x 12	21	35 - 25,4 mm	1016416	400,00
350	40 x 4,6 x 12	24	35 - 25,4 mm	1016334	440,00
400	40 x 4,6 x 12	28	35 - 25,4 mm	1016335	530,00
450	40 x 4,6 x 12	32	35 - 25,4 mm	1016336	595,00

ASTP 801



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
300	40 x 4,6 x 12	21	35 - 25,4 mm	1016418	400,00
350	40 x 4,6 x 12	24	35 - 25,4 mm	1000690	440,00
400	40 x 4,6 x 12	28	35 - 25,4 mm	1000692	530,00
450	40 x 4,6 x 12	32	35 - 25,4 mm	1000660	595,00

Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm

Further segment widths on demand

CONCRETE

LASER-WELDED DIAMOND BLADES FOR CONCRETE

- short segments wide feethed – fast cutting due to less cutting surface

APPLICATION PARAMETERS:

- rotation speed: 40 - 50 m/s
- feed: 2 - 4 m/min

BSP 101 E



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
500	24 x 4,0 x 14	48	25,4 mm	1018239	495,00
500	24 x 4,8 x 14	48	25,4 mm	1018241	495,00
600	24 x 4,0 x 14	52	25,4 mm	1018242	540,00
600	24 x 4,8 x 14	52	25,4 mm	1018244	540,00
700	24 x 4,0 x 14	61	25,4 mm	1018245	620,00
700	24 x 4,8 x 14	61	25,4 mm	1018247	620,00
800	24 x 4,8 x 14	70	25,4 mm	1018248	695,00
1000	24 x 4,8 x 14	87	25,4 mm	1018249	1.040,00
1200	24 x 4,8 x 14	104	25,4 mm	1018250	1.350,00



Auxiliary holes + divided circle:

6 NL x M6, versenkt, TK 92 mm + 6 x M8, versenkt, TK 125 mm

CONCRETE

LASER-WELDED DIAMOND BLADES FOR CONCRETE

· short segments wide feethed – fast cutting due to less cutting surface

APPLICATION PARAMETERS:

- rotation speed: 40 - 50 m/s
- feed: 2 - 8 m/min

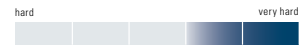
BSP 201



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
400	24 x 4,0 x 14	42	25,4 mm	794867	410,00
450	24 x 4,0 x 14	48	25,4 mm	794868	480,00
500	24 x 4,8 x 14	54	25,4 mm	794871	520,00
600	24 x 4,8 x 14	66	25,4 mm	794873	635,00
650	24 x 4,8 x 14	70	25,4 mm	794959	780,00
700	24 x 4,8 x 14	76	25,4 mm	794875	810,00
800	24 x 4,8 x 14	88	25,4 mm	794876	980,00
1000	24 x 4,8 x 14	92	25,4 mm	794877	1.340,00
1200	24 x 4,8 x 14	118	25,4 mm	794878	1.830,00



Auxiliary holes + divided circle:

6 NL x M6, versenkt, TK 92 mm + 6 x M8, versenkt, TK 125 mm

BSP 301



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
400	24 x 3,8 x 12	42	35 - 25,4 mm	794879	465,00
450	24 x 4,8 x 12	48	35 - 25,4 mm	794881	480,00
500	24 x 4,8 x 12	54	35 - 25,4 mm	794883	595,00
600	24 x 4,8 x 12	66	35 - 25,4 mm	794885	710,00
650	24 x 4,8 x 12	70	35 - 25,4 mm	794961	790,00
700	24 x 4,8 x 12	76	35 - 25,4 mm	794887	840,00
800	24 x 4,8 x 12	88	35 - 25,4 mm	794888	1.060,00
1000	24 x 4,8 x 12	102	35 - 25,4 mm	794889	1.495,00
1200	24 x 4,8 x 12	118	35 - 25,4 mm	794890	2.025,00



Auxiliary holes + divided circle: 6 NL x Ø 14 mm, TK 120 mm

CONCRETE

LASER-WELDED DIAMOND BLADES FOR CONCRETE

- long segments for smooth cutting, longer life time

APPLICATION PARAMETERS:

- rotation speed: 40 - 50 m/s
- feed: 2 - 4 m/min

BSP 401



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
500	40 x 4,6 x 12	36	35 - 25,4 mm	794834	610,00
600	40 x 4,6 x 12	42	35 - 25,4 mm	794838	725,00
700	40 x 4,6 x 12	46	35 - 25,4 mm	794928	920,00
800	40 x 4,6 x 12	52	35 - 25,4 mm	794828	1.105,00
1000	40 x 4,6 x 12	68	35 - 25,4 mm	794839	1.850,00
1200	40 x 4,6 x 12	78	35 - 25,4 mm	794929	2.095,00

Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm

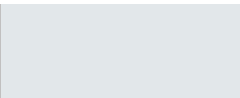
BSP 501



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
500	40 x 4,6 x 12	36	35 - 25,4 mm	794937	630,00
600	40 x 4,6 x 12	42	35 - 25,4 mm	794939	745,00
700	40 x 4,6 x 12	46	35 - 25,4 mm	794941	925,00
800	40 x 4,6 x 12	52	35 - 25,4 mm	794942	1.165,00
1000	40 x 4,6 x 12	68	35 - 25,4 mm	794943	1.725,00
1200	40 x 4,6 x 12	78	35 - 25,4 mm	794944	2.015,00
1500	40 x 4,6 x 12	92	35 - 25,4 mm	1031388	3.950,00

Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm

Further segment widths on demand

CONCRETE

LASER-WELDED DIAMOND BLADES FOR CONCRETE

· short segments wide feethed – fast cutting due to less cutting surface

APPLICATION PARAMETERS:

- rotation speed: 40 - 50 m/s
- feed: 2 - 8 m/min

BSP 601



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
500	40 x 3,6 x 12	36	35 - 25,4 mm	794945	655,00
600	40 x 4,0 x 12	42	35 - 25,4 mm	794946	760,00
600	40 x 4,6 x 12	42	35 - 25,4 mm	794947	760,00
700	40 x 4,6 x 12	46	35 - 25,4 mm	794948	945,00
800	40 x 4,6 x 12	52	35 - 25,4 mm	794949	1.180,00
900	40 x 4,6 x 12	60	35 - 25,4 mm	794950	1.380,00
1000	40 x 4,6 x 12	68	35 - 25,4 mm	794951	1.880,00
1500	40 x 4,6 x 12	92	35 - 25,4 mm	1031389	4.050,00



Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm

BSP 602



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
500	24 x 3,8 x 12	54	35 - 25,4 mm	1018252	555,00
500	24 x 4,8 x 12	54	35 - 25,4 mm	1018253	555,00
600	24 x 3,8 x 12	66	35 - 25,4 mm	1018254	660,00
600	24 x 4,8 x 12	66	35 - 25,4 mm	1018255	660,00
700	24 x 3,8 x 12	76	35 - 25,4 mm	1018258	780,00
700	24 x 4,8 x 12	76	35 - 25,4 mm	1018259	780,00
800	24 x 4,8 x 12	88	35 - 25,4 mm	1018260	985,00
1000	24 x 4,8 x 12	102	35 - 25,4 mm	1018261	1.395,00
1200	24 x 4,8 x 12	118	35 - 25,4 mm	1018262	1.885,00



Auxiliary holes + divided circle: 6 NL x Ø 14 mm, TK 120 mm

CONCRETE

LASER-WELDED DIAMOND BLADES FOR CONCRETE

- long segments for smooth cutting, longer life time

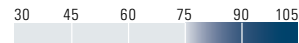
APPLICATION PARAMETERS:

- rotation speed: 40 - 50 m/s
- feed: 2 - 4 m/min

BSP 701



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
600	40 x 4,6 x 12	42	35 - 25,4 mm	794952	770,00
700	40 x 4,6 x 12	46	35 - 25,4 mm	794953	965,00
800	40 x 4,6 x 12	52	35 - 25,4 mm	794954	1.190,00
1000	40 x 4,6 x 12	68	35 - 25,4 mm	794955	1.850,00
1200	40 x 4,6 x 12	78	35 - 25,4 mm	794956	2.080,00
1500	40 x 4,6 x 12	92	35 - 25,4 mm	1031387	4.200,00



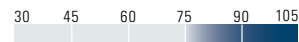
Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm

Further segment widths on demand

BSP 702



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
500	24 x 3,8 x 12	54	35 - 25,4 mm	1018263	555,00
500	24 x 4,8 x 12	54	35 - 25,4 mm	1018264	555,00
600	24 x 3,8 x 12	66	35 - 25,4 mm	1018265	660,00
600	24 x 4,8 x 12	66	35 - 25,4 mm	1018266	660,00
700	24 x 3,8 x 12	76	35 - 25,4 mm	1018269	780,00
700	24 x 4,8 x 12	76	35 - 25,4 mm	1018271	780,00
800	24 x 4,8 x 12	88	35 - 25,4 mm	1018272	985,00
1000	24 x 4,8 x 12	102	35 - 25,4 mm	1018273	1.395,00
1200	24 x 4,8 x 12	118	35 - 25,4 mm	1018274	1.885,00



Auxiliary holes + divided circle: 6 NL x Ø 14 mm, TK 120 mm

FRESH CONCRETE

LASER-WELDED DIAMOND BLADES FOR FRESH CONCRETE

- short segments for good water supply and dust removal
- guard segments avoid the relief grinding

APPLICATION PARAMETERS:

- rotation speed: 40 - 60 m/s
- feed: 2 - 4 m/min

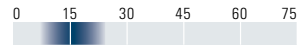
FBSP 201



UNIVERSAL FRESH CONCRETE



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
300	24 x 2,8 x 10	32	35 - 25,4 mm	794891	480,00
350	24 x 3,2 x 10	38	35 - 25,4 mm	794892	565,00
350	24 x 3,6 x 10	38	35 - 25,4 mm	794841	565,00
400	24 x 3,2 x 10	42	35 - 25,4 mm	794893	590,00
400	24 x 3,6 x 10	42	35 - 25,4 mm	794894	590,00
450	24 x 3,6 x 10	48	35 - 25,4 mm	794895	710,00
500	24 x 3,6 x 10	54	35 - 25,4 mm	794896	810,00

Auxiliary holes + divided circle: 6 NL x Ø 14 mm, TK 120 mm

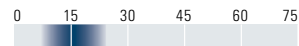
FBSP 301



ABRASIVE FRESH CONCRETE



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
300	24 x 2,8 x 10	32	35 - 25,4 mm	794897	480,00
350	24 x 3,2 x 10	38	35 - 25,4 mm	794898	565,00
350	24 x 3,6 x 10	38	35 - 25,4 mm	794899	565,00
400	24 x 3,2 x 10	42	35 - 25,4 mm	794900	590,00
400	24 x 3,6 x 10	42	35 - 25,4 mm	794901	590,00
450	24 x 3,6 x 10	48	35 - 25,4 mm	794902	710,00
500	24 x 3,6 x 10	54	35 - 25,4 mm	794903	810,00

Auxiliary holes + divided circle: 6 NL x Ø 14 mm, TK 120 mm

FRESH CONCRETE

LASER-WELDED DIAMOND BLADES FOR FRESH CONCRETE

- long segments for smooth cutting
- guard segments avoid the relief grinding

APPLICATION PARAMETERS:

- rotation speed: 40 - 60 m/s
- feed: 2 - 4 m/min

FBSP 401



UNIVERSAL FRESH CONCRETE



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
300	40 x 2,8 x 10	21	35 - 25,4 mm	1004690	350,00
350	40 x 3,2 x 10	24	35 - 25,4 mm	1004691	365,00
350	40 x 3,6 x 10	24	35 - 25,4 mm	1004692	365,00
400	40 x 3,2 x 10	28	35 - 25,4 mm	1002388	420,00
400	40 x 3,6 x 10	28	35 - 25,4 mm	1002389	420,00
450	40 x 3,6 x 10	32	35 - 25,4 mm	1004693	515,00
500	40 x 3,6 x 10	32	35 - 25,4 mm	1004695	620,00
600	40 x 3,6 x 10	42	35 - 25,4 mm	1004698	765,00



Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm

CONCRETE

LASER-WELDED DIAMOND BLADES FOR ELECTRICAL WALL SAWS

- short segments wide feethed – fast cutting due to less cutting surface

APPLICATION PARAMETERS:

- rotation speed: 30 - 60 m/s
- feed: 2 - 4 m/min

WSP 3 E



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Article No.	Price €
600	40 x 4,5 x 10	36		500,00
600	40 x 5,0 x 10	36		500,00
650	40 x 4,5 x 10	38		550,00
700	40 x 4,5 x 10	40		600,00
800	40 x 4,0 x 10	45		700,00
800	40 x 4,7 x 10	45		700,00
1000	40 x 4,5 x 10	56		1.000,00
1000	40 x 5,0 x 10	56		1.000,00



WSP 501



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Article No.	Price €
500	24 x 4,0 x 12	54		550,00
500	24 x 4,8 x 12	54		550,00
600	24 x 4,0 x 12	66		640,00
600	24 x 4,8 x 12	66		640,00
650	24 x 4,0 x 12	70		710,00
650	24 x 4,8 x 12	70		710,00
700	24 x 4,0 x 12	76		765,00
700	24 x 4,8 x 12	76		765,00
800	24 x 4,8 x 12	88		950,00
1000	24 x 4,8 x 12	102		1.140,00
1200	24 x 4,8 x 12	118		1.580,00



CONCRETE

LASER-WELDED DIAMOND BLADES FOR ELECTRICAL WALL SAWS

- short segments wide feethed – fast cutting due to less cutting surface

APPLICATION PARAMETERS:

- rotation speed: 30 - 60 m/s
- feed: 2 - 4 m/min

WSP 601



Performance in kW



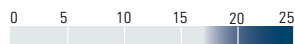
Ø in mm	Segments (LxWxH)	No.	Price €
500	24 x 4,8 x 12	54	550,00
600	24 x 4,8 x 12	66	640,00
650	24 x 4,0 x 12	70	710,00
650	24 x 4,8 x 12	70	710,00
700	24 x 4,0 x 12	76	765,00
700	24 x 4,8 x 12	76	765,00
800	24 x 4,8 x 12	88	950,00
1000	24 x 4,8 x 12	102	1.140,00
1200	24 x 4,8 x 12	118	1.580,00



WSP 701



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Price €
500	24 x 4,8 x 12	54	550,00
600	24 x 4,8 x 12	66	640,00
650	24 x 4,0 x 12	70	710,00
650	24 x 4,8 x 12	70	710,00
700	24 x 4,0 x 12	76	765,00
700	24 x 4,8 x 12	76	765,00
800	24 x 4,8 x 12	88	950,00
1000	24 x 4,8 x 12	102	1.140,00
1200	24 x 4,8 x 12	118	1.580,00



CONCRETE



DIAMOND WIRE FOR THE PROFESSIONAL USE IN CONCRETE AND REINFORCED CONCRETE



BDSP 3

Material hardness



Description	beads / m	Article No.	Price € / Meter
BDSP 3	40	794199	180,00

BDSP 4

Material hardness



Description	beads / m	Article No.	Price € / Meter
BDSP 4	40	794200	180,00

ACCESSORIES

Accessory for diamond core bits

Description	Working length Ø in mm		Article No.	Price €
Ferrules	20 mm	10	791325	4,30
Ferrules	25 mm	8	791326	1,40
Kardan connector		10	791327	47,00



Description	Connection machine	Connection core bit	Article No.	Price €
Jointing clamp	M 16 Male	R ½"	-	on demand
		Female		

BKP 301 ROOF



LASER-WELDED DIAMOND DRILL BITS FOR CONCRETE



Material hardness



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.	Price €
42	24 x 3,5 x 12	5	1 1/4"	450 mm	1029213	75,00
52	24 x 3,5 x 12	5	1 1/4"	450 mm	1026916	94,00
56	24 x 3,5 x 12	5	1 1/4"	450 mm	1031850	98,00
62	24 x 3,5 x 12	5	1 1/4"	450 mm	1026917	100,00
72	24 x 3,5 x 12	6	1 1/4"	450 mm	1026918	118,00
82	24 x 3,5 x 12	7	1 1/4"	450 mm	1026919	130,00
92	24 x 3,5 x 12	8	1 1/4"	450 mm	1026920	143,00
102	24 x 3,5 x 12	9	1 1/4"	450 mm	1026921	155,00
112	24 x 3,5 x 12	10	1 1/4"	450 mm	1026922	178,00
122	24 x 3,5 x 12	10	1 1/4"	450 mm	1026923	184,00
126	24 x 3,5 x 12	10	1 1/4"	450 mm	1053529	193,00
132	24 x 3,5 x 12	10	1 1/4"	450 mm	1026924	204,00
142	24 x 3,5 x 12	11	1 1/4"	450 mm	1026926	219,00
152	24 x 4,0 x 12	12	1 1/4"	450 mm	1026927	235,00
162	24 x 4,0 x 12	12	1 1/4"	450 mm	1026928	245,00
172	24 x 4,0 x 12	12	1 1/4"	450 mm	1026929	271,00
182	24 x 4,0 x 12	13	1 1/4"	450 mm	1026930	279,00
192	24 x 4,0 x 12	13	1 1/4"	450 mm	1026931	289,00
202	24 x 4,5 x 12	13	1 1/4"	450 mm	1026932	298,00
225	24 x 4,5 x 12	15	1 1/4"	450 mm	1026933	370,00
250	24 x 4,5 x 12	16	1 1/4"	450 mm	1026934	405,00
300	24 x 5,0 x 12	23	1 1/4"	450 mm	1026935	475,00



SEGMENTS BKP 301 ROOF



Ø in mm	Segments (LxWxH)	Article No.	Price €
37-47	20 x 3,0 x 12	1056525	6,40
48-67	24 x 3,5 x 12	1056525	6,40
68-99	24 x 3,5 x 12	1056545	6,40
100-139	24 x 3,5 x 12	1049515	6,40
140-182	24 x 4,0 x 12	1048865	6,40
182-272	24 x 4,5 x 12	1040295	6,40
> 250	20 x 5,0 x 12	1040297	6,40



BKP 401 ROOF



LASER-WELDED DIAMOND
DRILL BITS FOR HEAVILY
REINFORCED CONCRETE



Material hardness



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.	Price €
42	24 x 3,5 x 12	5	1 1/4"	450 mm	1029786	75,00
52	24 x 3,5 x 12	5	1 1/4"	450 mm	1018275	94,00
62	24 x 3,5 x 12	5	1 1/4"	450 mm	1018276	100,00
72	24 x 3,5 x 12	6	1 1/4"	450 mm	1018277	118,00
82	24 x 3,5 x 12	7	1 1/4"	450 mm	1018278	130,00
92	24 x 3,5 x 12	8	1 1/4"	450 mm	1018279	143,00
102	24 x 3,5 x 12	9	1 1/4"	450 mm	1018280	155,00
112	24 x 3,5 x 12	10	1 1/4"	450 mm	1018284	178,00
122	24 x 3,5 x 12	10	1 1/4"	450 mm	1018285	184,00
132	24 x 3,5 x 12	11	1 1/4"	450 mm	1018286	204,00
142	24 x 4,0 x 12	12	1 1/4"	450 mm	1018294	219,00
152	24 x 4,0 x 12	12	1 1/4"	450 mm	1018295	235,00
162	24 x 4,0 x 12	12	1 1/4"	450 mm	1018296	245,00
172	24 x 4,0 x 12	13	1 1/4"	450 mm	1018297	271,00
182	24 x 4,0 x 12	13	1 1/4"	450 mm	1018298	279,00
202	24 x 4,5 x 12	13	1 1/4"	450 mm	1018300	298,00
225	24 x 4,5 x 12	15	1 1/4"	450 mm	1018301	370,00
250	24 x 4,5 x 12	16	1 1/4"	450 mm	1018302	405,00
300	24 x 5,0 x 12	23	1 1/4"	450 mm	1018303	475,00



SEGMENTS BKP 401 ROOF




Ø in mm	Segments (LxWxH)	Article No.	Price €
37-47	20 x 3,0 x 12	1018305	6,40
48-67	24 x 3,5 x 12	1018306	6,40
68-99	24 x 3,5 x 12	1018307	6,40
100-139	24 x 3,5 x 12	1018308	6,40
140-182	24 x 4,0 x 12	1018309	6,40
182-272	24 x 4,5 x 12	1018310	6,40
> 250	20 x 5,0 x 12	1018311	6,40





APPLICATION TABLE

PREMIUM

Tool type								Asphalt	Concrete	Natural stone	Ceramics	Sand-lime stone	Hard stone	Abrasive	Fresh concrete	Iron	Page
	PSW 22	•										+	+++				
PSWD 22	•										+	+++					134
KSWD 22	•										+++	+					134
ASW 11			•	•				+++				++	+				135
MUSW 10			•	•			++	++				+					135
BSW 10			•	•				+++									136
BSW 11	•							+++									136
BSW 15	•	•	•					+++	+								137
PR. SILVER	•							+++									137
GSWD 10	•		•					++	++								138
GSW 21		•	•					++	++								138
GSWL 21	•							++	++								138
GSW 22	•	•	•					++	+++			+					139
KLSW 10		•	•					++	+++			++					139
MSW 10	•	•	•					+	+						++		140
FSW 20	•	•								++							140
ABSW 10	•	•	•								+	+++					141
MRSW 10		•										++					141
FRSW 10																	141
- ASPHALT			•				+++										141
- BETON			•					+++									141
RSW 10																	142
- ASPHALT		•					+++					++					142
- BETON		•						+++				+					142
AASW 11				•			+++										142
BASW 11				•				+++									142
ASTW 20		•					++	+			+	+++					143
BSTW 10		•						+++	+			+					143
BSTW 40		•						+++	+			+					143
PKDW 10												+++					144
BSWD 10S								+++			+	+					145
BSDW 10								+++				+					145
BSDW 20								+++				++					145
APRW 10				Partner saw			+					+++					146
BPRW 10				Partner saw				+++			+						146
BPRW 20				Partner saw				+++									146
BKNW 11					•	•		+++									147
BKNW 21					•	•		+++									147
BDW 10					•			+++									148
KDW 10					•						+++	++					148
ADW 10					•						+	+++					148
Accessories																	149

APPLICATION TABLE


TRENDLINE

Tool type								Asphalt	Concrete	Natural stone	Ceramics	Sand-lime stone	Hard stone	Abrasive	Page
TL Abrasiv		•												+++	150
TL Poroton	•											+		+++	150
TL Asphalt			•	•				+++						+	151
TL Beton	•	•	•					+++						+	152
TL Beton Laser	•	•	•	•				+++							152
TL Turbo Universal	•	•	•					++	++	++					153
TL Granit	•	•	•					++	+++						153
TL Fliese	•	•									+++				154
TL Turbo Fine	•	•	•					+	+	++					154
TL Grinding discs															155
- Concrete		•							+++					+	155
- Abrasive		•						+						+++	155
TL Core bits					•	•			++					+	156
TL Core edge sinkers					•				++					++	156
Accessories						•									157

+ suitable to only a limited extent
 ++ recommended
 +++ optimal recommended

DETENSO Silent core

SILENT Sandwich core

 Wet cutting

 Dry cutting

PSW 22



ABRASIVE

Diamond blades for porcelain, abrasive materials, sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
700	40 x 4,4 x 10	40	60 - 55,0 mm	790170	390,00
900	40 x 4,8 x 10	52	60 - 55,0 mm	790185	439,00

PSWD 22



ABRASIVE

Sandwich-diamond blades for porcelain, abrasive materials, sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
700	40 x 4,4 x 10	40	60 - 55,0 mm	791262	750,00
900	40 x 4,8 x 10	52	60 - 55,0 mm	791263	910,00
1000	40 x 4,8 x 10	70	60 - 55,0 mm	791264	1.200,00

KSWD 22



SAND-LIME STONE

Sandwich-diamond blades for sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
700	40 x 4,6 x 10	50	60 - 55,0 mm	791343	850,00
900	40 x 4,8 x 10	64	60 - 55,0 mm	791344	1.090,00
1000	40 x 5,0 x 10	70	60 - 55,0 mm	791345	1.590,00

ASW 11



ASPHALT

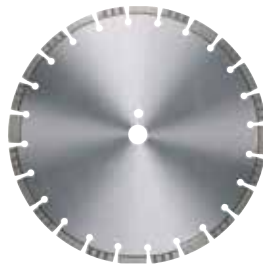
Diamond blades for asphalt,
with inclined protection
segments



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
300	40 x 3,0 x 10	18	20,0 mm	1054970	95,00
300	40 x 3,0 x 10	18	25,4 mm	1054972	95,00
350	40 x 3,1 x 10	21	20,0 mm	1054975	113,00
350	40 x 3,1 x 10	21	25,4 mm	1054976	113,00
400	40 x 3,4 x 10	24	20,0 mm	1054977	141,00
400	40 x 3,4 x 10	24	25,4 mm	1054979	141,00
450	40 x 3,6 x 10	28	25,4 mm	1054980	193,00
500	40 x 3,7 x 10	30	25,4 mm	1054982	224,00
600	40 x 4,0 x 10	42	25,4 mm	1054983	318,00
700	40 x 4,6 x 10	45	25,4 mm	1054984	475,00
800	40 x 4,8 x 10	52	25,4 mm	1054985	645,00



MUSW 10



ASPHALT, CONCRETE

Diamond blades for asphalt and
concrete with alternating and
protection segments, reduction
of tools changing times



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
300	38 x 3,3 x 10	21	20,0 mm	790312	125,00
300	38 x 3,3 x 10	21	25,4 mm	790677	125,00
350	38 x 3,5 x 10	24	20,0 mm	790695	144,00
350	38 x 3,5 x 10	24	25,4 mm	790696	144,00
400	38 x 3,7 x 10	28	20,0 mm	790697	165,00
400	38 x 3,7 x 10	28	25,4 mm	790698	165,00
450	38 x 4,0 x 10	32	25,4 mm	790352	194,00



BSW 10



CONCRETE

Diamond blades for concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
300	40 x 2,8 x 10	20	20,0 mm	790040	110,00
300	40 x 2,8 x 10	20	25,4 mm	790042	110,00
350	40 x 2,8 x 10	24	20,0 mm	790045	129,00
350	40 x 2,8 x 10	24	25,4 mm	790047	129,00
350	40 x 2,8 x 10	24	30,0 mm	790048	129,00
400	40 x 3,2 x 10	28	20,0 mm	790050	175,00
400	40 x 3,2 x 10	28	25,4 mm	790052	175,00
400	40 x 3,2 x 10	28	30,0 mm	790053	175,00
450	40 x 3,6 x 10	31	25,4 mm	790057	228,00
450	40 x 3,6 x 10	31	30,0 mm	790058	228,00
450	40 x 3,6 x 10	31	35,0 mm	790059	228,00
500	40 x 3,6 x 10	35	25,4 mm	790062	270,00
500	40 x 3,6 x 10	35	30,0 mm	790063	270,00
500	40 x 3,6 x 10	35	35,0 mm	790064	270,00
600	40 x 4,0 x 10	42	25,4 mm	1029206	389,00
600	40 x 4,2 x 10	42	25,4 mm	790067	389,00
600	40 x 4,2 x 10	42	35,0 mm	790069	389,00
700	40 x 4,2 x 10	48	25,4 mm	790146	460,00
700	40 x 4,7 x 10	49	35 - 25,4 mm	791286	460,00
800	40 x 4,7 x 10	56	35 - 25,4 mm	791288	630,00
900	40 x 4,7 x 10	60	35 - 25,4 mm	791290	765,00
1000	40 x 5,4 x 10	70	35 - 25,4 mm	791292	989,00



BSW 11



CONCRETE

Diamond blades for concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
700	40 x 4,7 x 10	49	60,0 mm	791287	460,00
800	40 x 4,7 x 10	56	60,0 mm	791289	630,00
900	40 x 4,7 x 10	60	60,0 mm	791291	765,00
1000	40 x 5,4 x 10	70	60,0 mm	791293	989,00



BSW 15



CONCRETE

Diamond blades for concrete, reinforced concrete and curbstones



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
115	31,5 x 2,4 x 12	8	22,2 mm	1041834	28,00
125	31,5 x 2,4 x 12	9	22,2 mm	1041835	39,00
230	38 x 2,6 x 12	15	22,2 mm	1041836	65,00
300	40 x 3,2 x 12	20	20,0 mm	1041837	90,00
350	40 x 3,2 x 12	23	20,0 mm	1041838	98,00
350	40 x 3,2 x 12	23	25,4 mm	1041839	98,00
400	40 x 3,2 x 12	23	25,4 mm	1041840	184,00

PREMIUM SILVER



SILENT

CONCRETE

Sandwich-diamond blades for concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
700	40 x 4,6 x 10	50	60- 55,0 mm	791295	750,00
900	40 x 4,8 x 10	64	60- 55,0 mm	791296	1.150,00
1000	40 x 5,0 x 10	70	60- 55,0 mm	791297	1.650,00

GSWD 10



SILENT

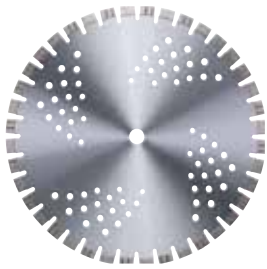
NATURAL STONE

Sandwich diamond blades for granite, natural and artificial stones, concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
230	38 x 2,6 x 12	15	22,2 mm	1041898	66,00
350	40 x 3,2 x 12	23	25,4 mm	1041899	116,00
400	40 x 3,4 x 12	28	25,4 mm	1041900	156,00
450	40 x 3,6 x 12	32	25,4 mm	1041903	196,00

GSW 21



NATURAL STONE

Diamond blades for granite, natural and artificial stones, concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
115	20 x 2,3 x 12	12	22,2 mm	790668	40,00
125	20 x 2,3 x 12	14	22,2 mm	790669	45,00
230	20 x 2,6 x 12	26	22,2 mm	790670	70,00
300	20 x 3,0 x 12	36	20,0 mm	790671	125,00
300	20 x 3,0 x 12	36	30 - 25,4 mm	790672	125,00
350	20 x 3,2 x 12	40	20,0 mm	790673	145,00

GSWL 21



DETENSO

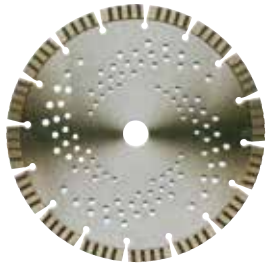
NATURAL STONE

Diamond blades for granite, natural and artificial stones, concrete with silent core



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
350	20 x 3,2 x 12	40	30 - 25,4 mm	790686	145,00
380	20 x 3,5 x 12	42	30 - 25,4 mm	790687	155,00
400	20 x 3,5 x 12	48	20,0 mm	790688	175,00
400	20 x 3,5 x 12	48	30 - 25,4 mm	790689	175,00
450	20 x 4,1 x 10	52	30 - 25,4 mm	790690	215,00

GSW 22



NATURAL STONE

Diamond blades for granite, natural and artificial stones, reinforced concrete and clinker



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
230	40 x 2,8 x 12	16	22,2 mm	790568	70,00
300	37 x 3,3 x 12	22	20,0 mm	790691	120,00
300	37 x 3,3 x 12	22	25,4 mm	790692	120,00
300	37 x 3,3 x 12	22	30 - 25,4 mm	790679	120,00
350	40 x 3,2 x 12	24	20,0 mm	790554	140,00
350	40 x 3,2 x 12	24	25,4 mm	790693	140,00
350	40 x 3,2 x 12	24	30 - 25,4 mm	790442	140,00
400	40 x 3,2 x 12	28	20,0 mm	794753	160,00
400	40 x 3,2 x 12	28	25,4 mm	794752	160,00

KLSW 10



CLINKER

Diamond blades for clinker and hard stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
230	43,4 x 2,6 x 10+3	15	22,2 mm	1015114	65,00
300	41,5 x 2,8 x 10+3	18	20,0 mm	1015116	99,00
350	40,3 x 3,0 x 10+3	21	20,0 mm	1015117	116,00

MSW 10



IRON

Diamond blades for iron, reinforced concrete and ductile cast iron



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
230	40 x 2,4 x 7	16	22,2 mm	790611	145,00
300	40 x 2,8 x 7	20	20,0 mm	790612	175,00
300	40 x 2,8 x 7	20	30-25,4 mm	790614	175,00
350	40 x 2,8 x 7	24	20,0 mm	790615	215,00
350	40 x 2,8 x 7	24	30-25,4 mm	790617	215,00
400	40 x 2,8 x 7	28	20,0 mm	791266	280,00
400	40 x 2,8 x 7	28	30-25,4 mm	791267	280,00



FSW 20



CERAMICS

Diamond blades for tiles and ceramics



Ø in mm	Segments (WxH)	Bore hole	Article No.	Price €
115	1,6 x 7,5	22,2 mm	790412	32,00
125	1,6 x 7,5	22,2 mm	790413	35,00
150	1,6 x 7,5	22,2 mm	790414	55,00
180	1,6 x 7,5	22,2 mm	790415	60,00
200	1,6 x 7,5	20,0 mm	790416	72,00
200	1,6 x 7,5	22,2 mm	790417	72,00
230	1,6 x 7,5	22,2 mm	790418	80,00
250	1,6 x 7,5	30,0 mm	790419	90,00
300	2,0 x 7,5	25,4 mm	790421	130,00
300	2,0 x 7,5	30,0 mm	790422	130,00
350	30 x 2,0 x 7,5	20,0 mm	790423	154,00
350	30 x 2,0 x 7,5	25,4 mm	790424	154,00
350	30 x 2,0 x 7,5	30,0 mm	790425	154,00



ABSW 10



ABRASIVE

Diamond blades for abrasive materials, sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
230	37 x 2,7 x 10	16	22,2 mm	790931	65,00
300	40 x 2,7 x 10	18	20,0 mm	790932	85,00
300	40 x 2,7 x 10	18	30-25,4 mm	790933	85,00
350	40 x 3,0 x 10	21	20,0 mm	790934	105,00
350	40 x 3,0 x 10	21	30-25,4 mm	790935	105,00
400	40 x 3,6 x 10	24	30-25,4 mm	790954	145,00
450	40 x 3,6 x 10	24	30-25,4 mm	790125	175,00

MRSW 10



ABRASIVE

Diamond mortar reamer



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
115	30 x 4,5 x 7	9	22,2 mm	790602	125,00
115	34 x 8,0 x 7	9	22,2 mm	790604	125,00
125	30 x 4,5 x 7	10	22,2 mm	790605	142,00
125	34 x 8,0 x 7	10	22,2 mm	790607	142,00

FRSW 10



ASPHALT

Diamond milling cutter for asphalt
10 mm wide



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
350	50 x 10 x 6	24	25,4 mm	790348	480,00

CONCRETE

Diamond milling cutter for concrete
10 mm wide



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
350	50 x 10 x 6	24	25,4 mm	790355	480,00

RSW 10



ASPHALT

Diamond crack milling
cutter for asphalt



Ø in mm	Width of segments	No.	Bore hole	Article No.	Price €
125	10 mm	9	22,2 mm	791281	127,00
180	10 mm	14	22,2 mm	790682	226,00
230	10 mm	14	25,4-20,0 mm	790357	425,00

CONCRETE

Diamond crack milling
cutter for concrete



Ø in mm	Width of segments	No.	Bore hole	Article No.	Price €
125	10 mm	9	22,2 mm	790319	127,00
180	10 mm	14	22,2 mm	791261	226,00
230	10 mm	14	25,4-20,0 mm	790356	425,00

AASW 11



ASPHALT

Diamond chamfering blades
for asphalt (two-piece), 45°



Ø in mm	No.	Bore hole	Article No.	Price €
280	26	25,4 mm	1056502	1.590,00

BASW 11

CONCRETE

Diamond chamfering blades
for concrete (two-piece), 45°



Ø in mm	No.	Bore hole	Article No.	Price €
280	26	25,4 mm	1056504	1.590,00

ASTW 20



ABRASIVE

Diamond grinding discs for floor pavement, sandstone, plaster, abrasive concrete



Ø in mm	Type	Bore hole	Article No.	Price €
100	double row	22,2 mm	790394	55,00
115	double row	22,2 mm	790555	62,00
125	double row	22,2 mm	790395	65,00
180	double row	22,2 mm	790396	110,00
230	double row	22,2 mm	790556	280,00

BSTW 10



CONCRETE

Diamond grinding discs for concrete and other hard surfaces



Ø in mm	Type	Bore hole	Article No.	Price €
100	double row	22,2 mm	790618	55,00
125	double row	22,2 mm	790619	65,00
150	double row	22,2 mm	790938	75,00
180	double row	22,2 mm	790620	110,00

BSTW 40



CONCRETE

Diamond grinding discs for concrete, natural stone and other hard surfaces



Ø in mm	Type	Bore hole	Article No.	Price €
100	block segments	22,2 mm	790621	90,00
125	block segments	22,2 mm	790622	115,00
150	block segments	22,2 mm	790939	130,00
180	block segments	22,2 mm	790623	160,00

PKDW 10



Diamond grinding discs for
paint, coatings, bitumen,
dispersion adhesive, glue and
sealing material



Ø in mm	Bore hole	Article No.	Price €
125	22,2 mm	1019117	249,00
180	22,2 mm	1041841	330,00

BSDW 10S



CONCRETE

Diamond grinding discs for concrete and floor pavement



Ø in mm	Segments (L x W x H)	No.	Bore hole	Article No.	Price €
250	40 x 10 x 10	16	19 mm	1041842	520,00

BSDW 10



CONCRETE

Diamond grinding discs for concrete and floor pavement



Ø in mm	Segments (L x W x H)	No.	Bore hole	Article No.	Price €
250	40 x 10 x 10	20	20 mm	1041843	520,00

BSDW 20



CONCRETE

Diamond grinding discs for concrete and floor pavement



Ø in mm	Segments (L x W x H)	No.	Bore hole	Article No.	Price €
250	40 x 10 x 10	20	19 mm	1041844	560,00

APRW 10



ABRASIVE

Partner-rings for
abrasive materials



Ø in mm	Segments (LxWxH)	No.	Segment type	Article No.	Price €
350	33 x 4,3 x 10	22	block segments	790362	199,00

BPRW 10

CONCRETE

Partner-rings for concrete



Ø in mm	Segments (LxWxH)	No.	Segment type	Article No.	Price €
350	33 x 4,3 x 10	22	turbo segment	790361	199,00

BPRW 20

CONCRETE

Partner-rings for concrete



Ø in mm	Segments (LxWxH)	No.	Segment type	Article No.	Price €
350	33 x 4,3 x 10	22	block segment	790360	199,00

ACCESSORIES

Accessories for partner-rings

Description	Article No.	Price €
drive wheel	790842	36,00

BKNW 11



CONCRETE

Diamond core bits
for concrete



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.	Price €
42	24 x 3,5 x 10	4	1 1/4"	400 mm	790717	65,00
52	24 x 3,5 x 10	5	1 1/4"	400 mm	790977	68,00
56	24 x 3,5 x 10	5	1 1/4"	400 mm	790718	78,00
62	24 x 3,5 x 10	6	1 1/4"	400 mm	790978	84,00
72	24 x 3,5 x 10	6	1 1/4"	400 mm	790980	87,00
82	24 x 3,5 x 10	7	1 1/4"	400 mm	790981	98,00
92	24 x 3,5 x 10	8	1 1/4"	400 mm	790982	105,00
102	24 x 4,0 x 10	9	1 1/4"	400 mm	790983	120,00
112	24 x 4,0 x 10	10	1 1/4"	400 mm	790984	127,00
122	24 x 4,0 x 10	10	1 1/4"	400 mm	790985	131,00
127	24 x 4,0 x 10	10	1 1/4"	400 mm	790986	134,00
132	24 x 4,0 x 10	11	1 1/4"	400 mm	790987	145,00
142	24 x 4,0 x 10	11	1 1/4"	400 mm	790988	148,00
152	24 x 4,0 x 10	12	1 1/4"	400 mm	790989	152,00
162	24 x 4,0 x 10	13	1 1/4"	400 mm	790990	162,00
172	24 x 4,0 x 10	13	1 1/4"	400 mm	790720	185,00
182	24 x 4,0 x 10	15	1 1/4"	400 mm	790991	210,00
200	24 x 4,8 x 10	16	1 1/4"	400 mm	790992	320,00
225	24 x 4,8 x 10	17	1 1/4"	400 mm	790721	365,00
227	24 x 4,8 x 10	17	1 1/4"	400 mm	790993	370,00

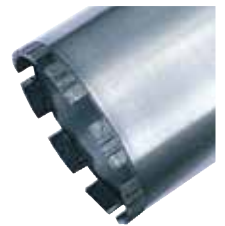


Further diameters on demand

BKNW 21

CONCRETE

Diamond core bits with
3-hole connection
for concrete



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.	Price €
112	24 x 3,5 x 9	10	3-hole	320 mm	791209	155,00
127	24 x 3,5 x 9	10	3-hole	320 mm	791210	180,00
152	24 x 4,0 x 9	12	3-hole	320 mm	791211	205,00
187	24 x 4,5 x 9	14	3-hole	320 mm	791212	290,00
200	24 x 4,5 x 9	15	3-hole	320 mm	791213	310,00
232	24 x 4,5 x 9	16	3-hole	320 mm	791214	440,00
257	24 x 4,5 x 9	17	3-hole	320 mm	791215	520,00



Further diameters on demand

BDW 10



CONCRETE

Diamond core edge sinkers
for concrete



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.	Price €
68	24 x 3,5 x 7	3	M 16	60,0 mm	790225	47,00
82	24 x 3,5 x 7	4	M 16	60,0 mm	790226	58,00

KDW 10



SAND-LIME STONE

Diamond core edge sinkers
for sand-lime stone



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.	Price €
68	12 x 3,5 x 8	6	M 16	60,0 mm	790223	60,00
82	12 x 3,5 x 8	10	M 16	60,0 mm	790224	70,00

ADW 10



ABRASIVE

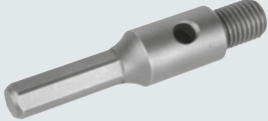


Diamond core edge sinkers
for abrasive materials



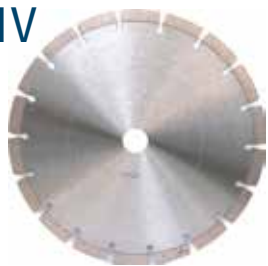
Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.	Price €
68	24 x 3,5 x 7	3	M 16	60,0 mm	790221	46,00
82	24 x 3,5 x 7	4	M 16	60,0 mm	790222	58,00

ACCESSORIES

Accessories for diamond core edge sinkers

	Description	Connection machine	Connection core edge sinkers	Article No.	Price €
	Shank (incl. taper bit)	6-Kant	M 16	790497	12,00
	Description	Connection machine	Connection core edge sinkers	Article No.	Price €
	Shank (incl. taper bit)	SDS-plus	M 16	790498	15,00
	Description			Article No.	Price €
	Pilot drill bit			790499	6,00

TL ABRASIV



ABRASIVE

Diamond blades for abrasive materials



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
115	38 x 2,2 x 10	8	22,2 mm	791114	10,00
125	37 x 2,4 x 10	9	22,2 mm	791115	12,00
180	34 x 2,6 x 10	14	22,2 mm	791116	19,00
230	39 x 2,8 x 10	16	22,2 mm	791117	30,00

TL POROTON



POROTON

Diamond blades for Poroton and abrasive materials



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
625	40 x 4,4 x 10	36	60 - 55,0 mm	790429	250,00
650	40 x 4,4 x 10	38	60 - 55,0 mm	790431	290,00
700	40 x 4,4 x 10	40	60 - 55,0 mm	790188	330,00
900	40 x 4,8 x 10	52	60 - 55,0 mm	790152	380,00
1000	40 x 4,8 x 10	70	60 - 55,0 mm	790168	670,00

TL ASPHALT



ASPHALT

Diamond blades for asphalt, with inclined protection segments



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
300	40 x 3,2 x 10	18	20,0 mm	791140	69,00
300	40 x 3,2 x 10	18	25,4 mm	791118	69,00
350	40 x 3,2 x 10	21	20,0 mm	791141	87,00
350	40 x 3,2 x 10	21	25,4 mm	791119	87,00
400	40 x 3,6 x 10	24	25,4 mm	791120	110,00
450	40 x 3,6 x 10	28	25,4 mm	791121	155,00
500	40 x 3,6 x 10	30	25,4 mm	791122	180,00
600	40 x 4,0 x 10	36	25,4 mm	791123	254,00



TL BETON



CONCRETE

Diamond blades for concrete and construction materials



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
115	31,5 x 2,4 x 10	9	22,2 mm	791100	16,00
125	31,5 x 2,4 x 10	10	22,2 mm	791101	19,00
230	31,5 x 2,6 x 10	16	22,2 mm	791102	34,00
300	40 x 3,2 x 10	21	20,0 mm	791136	66,00
300	40 x 3,2 x 10	21	25,4 mm	791103	66,00
350	40 x 3,2 x 10	24	20,0 mm	791137	86,00
350	40 x 3,2 x 10	24	25,4 mm	791104	86,00
400	40 x 3,4 x 10	28	20,0 mm	791142	110,00
400	40 x 3,4 x 10	28	25,4 mm	791105	110,00
450	40 x 3,4 x 10	32	25,4 mm	791106	159,00



TL BETON LASER



CONCRETE

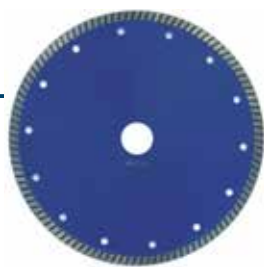
Diamond blades for concrete, reinforced concrete and construction materials



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
115	31 x 2,0 x 10	9	22,2 mm	791143	23,00
125	31 x 2,1 x 10	10	22,2 mm	791144	25,00
230	38 x 2,5 x 10	16	22,2 mm	791145	44,00
300	40 x 2,8 x 10	21	20,0 mm	791200	85,00
300	40 x 2,8 x 10	21	30,0 mm	791146	85,00
350	40 x 3,2 x 10	24	20,0 mm	791201	110,00
350	40 x 3,2 x 10	24	25,4 mm	791147	110,00
400	40 x 3,5 x 10	28	20,0 mm	791202	138,00
400	40 x 3,5 x 10	28	25,4 mm	791148	138,00
450	40 x 3,6 x 10	32	25,4 mm	791149	185,00
500	40 x 4,0 x 10	36	25,4 mm	791150	276,00
600	40 x 4,6 x 10	42	30,0 mm	791151	339,00



TL TURBO UNIVERSAL



CONCRETE, GRANITE

Diamond blades for concrete,
granite, bricks, ceramics



Ø in mm	Segments (WxH)	Bore hole	Article No.	Price €
115	1,2 x 7,0	22,2 mm	791152	19,00
125	1,2 x 7,0	22,2 mm	791153	22,00
150	1,5 x 7,0	22,2 mm	791340	34,00
180	1,7 x 7,0	22,2 mm	791341	41,00
200	1,9 x 7,0	25,4 mm	791339	45,00
230	1,9 x 7,0	22,2 mm	791154	49,00
250	2,2 x 7,0	22,2 mm	791342	82,00
300	2,2 x 7,0	30-25,4 mm	791155	89,00
350	2,2 x 7,0	25,4 mm	791156	109,00

TL GRANIT



GRANITE

Diamond blades for granite,
natural and artificial stones



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
230	42 x 2,6 x 10	16	22,2 mm	791109	42,00
300	38 x 3,0 x 10	21	20,0 mm	791138	92,00
300	38 x 3,0 x 10	21	30-25,4 mm	791110	92,00
350	40 x 3,2 x 10	24	20,0 mm	791139	100,00
350	40 x 3,2 x 10	24	30-25,4 mm	791111	100,00
400	38 x 3,5 x 10	28	30-25,4 mm	791112	134,00
450	38 x 4,0 x 10	32	30-25,4 mm	791113	170,00

TL FLIESE



TILES

Diamond blades for tiles,
dutch tiles, ceramics



Ø in mm	Segments (WxH)	Bore hole	Article No.	Price €
115	1,8 x 7	22,2 mm	791124	20,00
125	1,9 x 7	22,2 mm	791125	22,00
150	2,0 x 7	22,2 mm	791126	28,00
180	2,0 x 7	22,2 mm	791127	34,00
200	2,0 x 7	22,2 mm	791128	38,00
230	2,2 x 7	22,2 mm	791129	46,00
250	2,2 x 10	25,4 mm	791130	54,00
300	2,2 x 10	25,4 mm	791131	90,00
350	2,4 x 10	25,4 mm	791132	114,00



TL TURBO-FINE



CERAMICS

Diamond blades for natura
and artificial stones, marble
and ceramics



Ø in mm	Segments (WxH)	Bore hole	Article No.	Price €
115	1,3 x 7	22,2 mm	791157	19,00
125	1,5 x 7	22,2 mm	791158	22,00
150	1,8 x 7	22,2 mm	791159	35,00
180	1,8 x 7	22,2 mm	791160	46,00
200	1,8 x 7	22,2 mm	791161	60,00
200	1,8 x 7	25,4 mm	791192	60,00
230	1,6 x 7	22,2 mm	791162	68,00
250	1,6 x 7,5	22,2 mm	791163	78,00
250	1,6 x 7,5	25,4 mm	791193	78,00
300	2,0 x 7,5	30-25,4 mm	791164	89,00
350	2,0 x 7,5	30-25,4 mm	791165	109,00

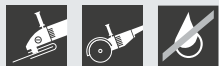


TL GRINDING DISCS



CONCRETE

Diamond grinding discs for concrete



Ø in mm	Type	Bore hole	Article No.	Price €
100	single row	22,2 mm	791224	32,00
125	single row	22,2 mm	791225	40,00
180	single row	22,2 mm	791226	65,00

TL GRINDING DISCS



CONCRETE

Diamond grinding discs for concrete



Ø in mm	Type	Bore hole	Article No.	Price €
100	double row	22,2 mm	791133	39,00
125	double row	22,2 mm	791134	43,00
150	double row	22,2 mm	791199	76,00
180	double row	22,2 mm	791135	85,00

TL GRINDING DISCS



ABRASIVE

Diamond grinding discs for abrasive materials



Ø in mm	Type	Bore hole	Article No.	Price €
100	double row	22,2 mm	791187	39,00
125	double row	22,2 mm	791188	43,00
180	double row	22,2 mm	791189	85,00

TL CORE BITS



Diamond core bits



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.	Price €
40	24 x 3,5 x 9	4	1 1/4"	400 mm	791228	46,00
45	24 x 3,5 x 9	5	1 1/4"	400 mm	791229	52,00
52	24 x 3,5 x 9	5	1 1/4"	400 mm	791166	55,00
62	24 x 3,5 x 9	6	1 1/4"	400 mm	791168	74,00
72	24 x 3,5 x 9	7	1 1/4"	400 mm	791169	79,00
82	24 x 3,5 x 9	7	1 1/4"	400 mm	791170	86,00
92	24 x 3,5 x 9	8	1 1/4"	400 mm	791171	96,00
102	24 x 3,5 x 9	9	1 1/4"	400 mm	791172	105,00
112	24 x 4,0 x 9	10	1 1/4"	400 mm	791173	117,00
122	24 x 4,0 x 9	10	1 1/4"	400 mm	791174	126,00
127	24 x 4,0 x 9	10	1 1/4"	400 mm	791175	130,00
132	24 x 4,0 x 9	11	1 1/4"	400 mm	791176	133,00
142	24 x 4,0 x 9	11	1 1/4"	400 mm	791197	146,00
152	24 x 4,0 x 9	12	1 1/4"	400 mm	791177	150,00
162	24 x 4,0 x 9	12	1 1/4"	400 mm	791178	168,00
182	24 x 4,5 x 9	14	1 1/4"	400 mm	791180	195,00
200	24 x 4,5 x 9	15	1 1/4"	400 mm	791181	290,00
225	24 x 4,5 x 9	16	1 1/4"	400 mm	791184	350,00
232	24 x 4,5 x 9	16	1 1/4"	400 mm	791233	375,00
250	24 x 5,0 x 9	17	1 1/4"	400 mm	791185	460,00
270	25 x 5,0 x 9	19	1 1/4"	400 mm	791235	560,00
300	27 x 5,0 x 9	21	1 1/4"	400 mm	791236	630,00
350	28 x 5,0 x 9	23	1 1/4"	400 mm	791237	690,00



Further diameters on demand

TL CORE EDGE SINKERS



BRICKWORK


Diamond core edge sinker set -
incl. HEX connection, taper bit
and pilot drill bit

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.	Price €
68	24 x 3,5 x 8	3	M16 / 60	791195	39,00
72	24 x 3,5 x 8	4	M16 / 60	791204	42,00
82	24 x 3,5 x 8	4	M16 / 60	791196	46,00




ACCESSORIES


Accessory for diamond core bits




Description	Working length	Connection core bit	Article No.	Price €
Extension	100 mm	R 1/2"	794502	25,00
Extension	200 mm	R 1/2"	794503	30,00
Extension	300 mm	R 1/2"	794504	35,00
Extension	400 mm	R 1/2"	794505	40,00




Description	Working length	Connection core bit	Article No.	Price €
Extension	100 mm	1 1/4"	794310	25,00
Extension	200 mm	1 1/4"	794311	30,00
Extension	300 mm	1 1/4"	794506	35,00
Extension	400 mm	1 1/4"	794507	40,00
Extension	500 mm	1 1/4"	794508	82,00




Description	Connection machine	Connection core bit	Article No.	Price €
Adapter	M 16 Male	R 1/2" Female	-	41,00




Description	Connection machine	Connection core bit	Article No.	Price €
Adapter	1 1/4" Male	R 1/2" Male	790573	44,00




Description	Connection machine	Connection core bit	Article No.	Price €
Adapter	1 1/4" Female	R 1/2" Female	794552	44,00




Description	Connection machine	Connection core bit	Article No.	Price €
Adapter	W Female	1 1/4" Male	-	53,00



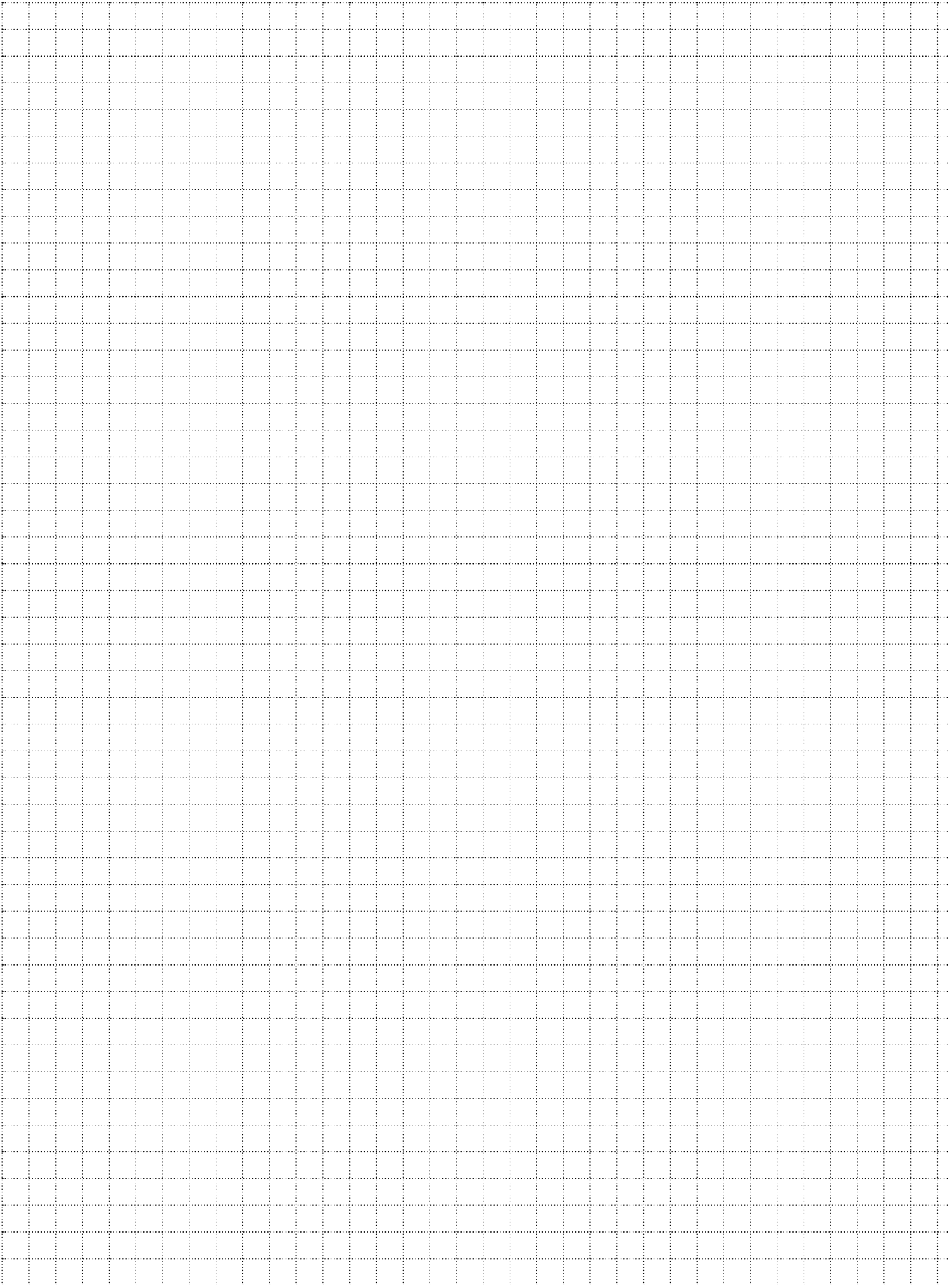
Description	Connection machine	Connection core bit	Article No.	Price €
Adapter	W Male	1 1/4" Female	-	53,00

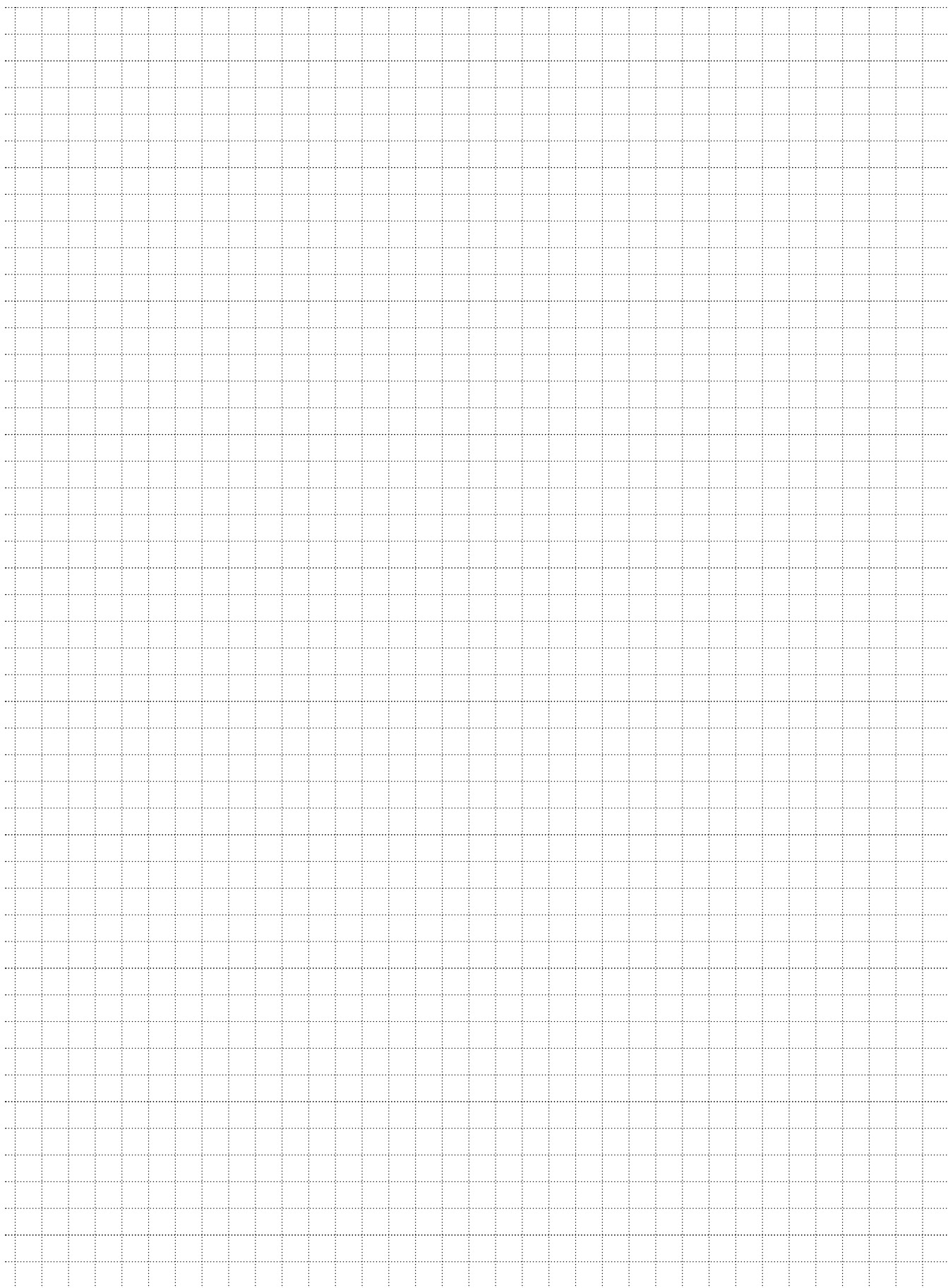


Description	Connection machine	Connection core bit	Article No.	Price €
Adapter	R 1/2" Male	M18 Female	-	53,00



Description	Connection machine	Connection core bit	Article No.	Price €
Adapter	1 1/4" Muffe	3-holes	791306	38,00





TERMS AND CONDITIONS FOR SALE AND DELIVERY

I. GENERAL

1. All supplies and performances are based on these conditions as well as any separate contractual agreements. Any Customer purchasing conditions that deviate from these terms and conditions are not included in the contents of this contract on acceptance of an order. A contract comes into being – in the absence of a special agreement – with the written order confirmation from the Supplier. The invalidity of any one condition does not affect the validity of the remaining conditions.
2. The Supplier retains ownership rights and copyrights over samples, cost estimates, drawings and such like, as well as over physical and virtual information (including information in electronic format); the aforementioned may not be made accessible to third parties. The Supplier is obliged to make information and documents that are designated by the Customer as confidential accessible to third parties only with the agreement of the Customer.

II. PRICE AND PAYMENT

1. In the absence of any special agreement, prices apply ex-works and include loading at the factory, but exclude packing and unloading. Prices are plus turnover tax at the correspondingly applicable legal amount.
2. In the absence of a special agreement, payment is to be made to the Supplier's account following delivery without any discount. The Customer bears the costs. Field staff of the Supplier are not authorized to collect.
3. Surrendering a bill of exchange or cheque is not considered payment until the paper amount is redeemed. The Customer bears the costs for discounting and collection.
4. Payments are charged for older debts first. If costs and interest have arisen, then the Supplier is authorized to charge for payment of costs, then of the interest and last of the main debt.
5. The Customer has the right to retain payments or offset with counter-claims only to the extent that his counter-claims have been determined as indisputable or final and absolute.

III. SUPPLY PERIOD, SUPPLY DELAYS

1. The supply period is determined by agreements between the contract parties. Compliance by the Supplier presupposes that all commercial and technical queries between the contract parties have been resolved and that the Customer has fulfilled all obligations incumbent on him, such as e.g. procuring the requisite, official certifications or authorizations or making an advance payment. If this is not the case, then the supply period is extended appropriately. This does not apply if the Supplier is responsible for the delay.
2. Compliance with the supply deadlines is with the proviso that the Supplier receives their own supplies in a timely manner and in good order.
3. The supply deadline is complied with if the contract item has left the Supplier's factory by expiry of said deadline or has been registered as ready for dispatch. If an acceptance procedure must be carried out, then (except in cases of justifiable refusal of acceptance) the acceptance deadline is the deciding factor, alternatively notification of readiness for acceptance.
4. If shipping or acceptance of the contract item is delayed for reasons attributable to the Customer, then the costs resulting from this delay will be invoiced to him starting one month after notification of readiness for dispatch or acceptance.
5. If non-compliance with the supply time is due to Force Majeure, industrial disputes or other events outside of the influence of the Supplier, then the supply period is extended appropriately. The Supplier will inform the Customer about the start and finish of such circumstances at the earliest opportunity.
6. The Customer can withdraw from the contract without setting any time limit if the Supplier finds the entire performance of his duties before transfer of risk definitely impossible. Furthermore, the Customer can withdraw from the contract if, with regard to an order, it is impossible to carry out part of the supply and he has a justified interest in refusing partial supply. If this is not the case, then the Customer must pay the contract price due for the partial supply. The same applies in the event that the Supplier is unable to perform his duties. In other respects, Section VII applies. 2.
The Customer is obligated to make a counter-performance if the impossibility or inability to perform occurs during acceptance delay or if the Customer is solely or for the most part responsible for these circumstances.
7. If the Supplier falls behind schedule and damages arise for the Customer as a result of this, then the Customer is entitled to demand a flat-rate damage compensation fee. This fee amounts to 0.5 % for each full week of delay, however, as a whole it will be at the most 5 % of the value of the respective part of the total delivery, where that delivery can not be used on schedule or in accordance with the contract as a result of delay.
If the Customer grants the Supplier who is experiencing delays an appropriate deadline for performance (while taking into account the legal cases for exception) and if the deadline is not complied with, then the Customer is entitled to withdraw from the contract within the context of the legal guidelines.
Any other claims arising from delivery delay are determined exclusively in accordance with Section VII. 2 of these terms and conditions.

IV. TRANSFER OF RISK, ACCEPTANCE

1. The risk transfers to the Customer when the contract item has left the factory and also in those cases when partial deliveries are made or the Supplier has taken on other performances, e.g. shipping costs or delivery and set-up. If an acceptance procedure is to be carried out, then this is decisive for the transfer of risk. Acceptance must be carried out immediately on the acceptance deadline, alternatively after notification by the Supplier about readiness for acceptance. The Customer may not refuse acceptance unless a considerable defect is present.
2. If dispatch or acceptance is delayed or does not take place as a result of circumstances that are not attributable to the Supplier, then the risk transfers to the Customer from the day of notification of readiness for shipping or acceptance. The Supplier is obligated to arrange insurance policies requested by the Customer which are then charged to the Customer.
3. Partial deliveries are permitted as long as these are reasonable for the Customer.

V. RETENTION OF TITLE

1. All goods supplied remain the property of the Supplier (goods subject to the retention of title) until the fulfilment of all demands, in particular the respective account balance demands, which he is entitled to within the context of business relations (balance reservation), as well as the demands that are accounted for by the insolvency administrator unilaterally in the sense of the choice of fulfilment. This also applies to demands that arise in future and are conditional, e.g. acceptor's bills, and also if payments are made on debts that are specified in particular. This balance reservation expires finally on reconciliation of all debts still open at the time of payment and recorded by this balance reservation.
2. For the Supplier, handling and processing the goods subject to retention of title are in the terms of § 950 BGB (German Civil Code), without any obligation incumbent on him. The handled and processed goods are considered goods subject to the retention of title in the terms of No. 1. If the goods subject to the retention of title are processed, combined or mixed with other goods by the Customer, then the Supplier is entitled to co-ownership rights proportional to the new object in relation to the invoice value of the goods subject to the retention of title against the invoice value of the other goods used. If the Supplier's property rights expire through combination or mixing, then the Customer transfers to the Supplier the property rights to which he is entitled for the new object or item to the degree of the invoice value of the goods subject to retention and holds them in custody for the Supplier free of charge. The co-ownership rights of the Supplier apply as goods subject to the retention of title in the terms of No 1.
3. The Customer may only sell the goods subject to the retention of title in the course of normal business according to his usual business conditions and as long as he is not in default of payment, provided that the demands arising from reselling are transferred to the Supplier in accordance with No.s 4 to 6. He is not entitled to other means of disposal regarding the goods subject to the retention of title.
4. The debts arising from reselling the goods subject to the retention of title, together with all securities that the Customer acquires for the demand, are ceded to the Supplier at this point in time already. They are used as security to the same degree as the goods subject to the retention of title. If the goods subject to the retention of title are sold by the Customer together with other goods that were not purchased from the Supplier, then the debt arising from reselling will be ceded to the Supplier relative to the invoice value of the goods subject to the retention of title against the invoice value of the other goods sold. In the case of reselling goods where the Supplier has proportional co-ownership rights according to No. 2, the Supplier will be ceded a part corresponding to his co-ownership interest. If the goods subject to the retention of title are used by the Customer to fulfil a factory contract, then the debt arising from the factory contract is ceded in advance to the Supplier to the same degree.
5. The Customer is entitled to redeem any debts from reselling. This entitlement to redemption expires in the case of revocation by the Supplier, however, at the latest on default of payment, non-redemption of a bill of exchange or application to instigate an insolvency procedure. The Supplier will only then make use of his right to revocation if following conclusion of the contract it becomes apparent that the payment claim of the Supplier from this or other contracts with the Customer is endangered as a result of his insufficient ability to perform his duties. On request by the Supplier, the Customer is obliged to inform his customers immediately about the transfer to the Supplier and to give the Supplier the documents required for redemption.
6. Transfer of debts arising from reselling is not permitted, unless the matter concerns transference in the sense of genuine factoring which is reported to the Supplier and whereby the factoring proceeds exceed the value of the secured debt of the Supplier. The Supplier's demand is due immediately with the credit note for the factoring proceeds.
7. The Customer must inform the Supplier immediately about any seizure or other inhibiting activities by third parties. The Customer bears all costs that must be expended to revoke access or to transport back goods subject to the retention of title, as far as these are not replaced by third parties.
8. If the Customer becomes in default of payment or does not redeem a bill of exchange by its due date, then the Supplier is entitled to take back the goods subject to the retention of title and, if necessary, to enter the Customer's business premises for this purpose. The same applies if, following conclusion of this contract, it becomes apparent that the payment claim of the Supplier arising from this or other contracts with the Customer is endangered by his insufficient ability to perform his duties. Taking goods back does not signify withdrawal from this contract. Guidelines of the insolvency ordinance remain unaffected.
Application for instigation of the insolvency procedure entitles the Supplier to withdraw from the contract and to demand the immediate return of the contract item.
9. If the invoice value of the existing securities exceeds the secured demands including subsidiary demands (interest; costs or such like) by a total of more than 50 %, then the supplier is obliged in as far as that goes, on request by the Customer, to release securities as chosen by the Supplier.

VI. WARRANTY

The Supplier guarantees for material defects and defects of title of the delivery to the exclusion of any further claims – except for Section VII:

Material defects:

1. All those parts that prove to be faulty as a result of circumstances before transfer of risk are to be improved or redeveloped, depending on the choice of the Supplier, free of charge. Once said defects have been determined they are to be reported immediately in writing to the Supplier. Replaced parts become the property of the Supplier.
2. In order to carry out all the improvements that appear necessary to the Supplier and replacement supplies, the Customer must state the necessary time and opportunity following agreement with the Supplier; otherwise, the Supplier is released from any liability for consequences resulting from this. Only in urgent cases where operational safety is endangered or in order to avert excessively large damage where the Supplier must be informed immediately, then the Customer has the right to remove the defect by their own efforts or by a third party and to demand compensation for the necessary expenditures from the Supplier.
3. The Supplier bears the costs arising from improvement work or replacement delivery – in as far as the claim proves to be justified - and the costs of the replacement part including dispatch and the appropriate costs for dismantling and installation. Furthermore, if the individual case calls for it, the demand can rightly be made to include the costs for any necessary provision of his mechanics and auxiliary staff.
4. Within the context of the legal guidelines, the Customer has the right to withdraw from the contract if the Supplier (while taking into account legal cases of exception) allows an appropriate deadline to expire without any results where that deadline was set for him to improve or replace the delivery because of material defects. If the defect is not considerable, then the Customer merely has a right to have the contract price reduced. Otherwise, the right for a reduction in the contract price remains excluded.
5. No guarantee is assumed in particular for the following cases:
Unsuitable or improper use, faulty assembly or commissioning by the Customer or a third party, natural wear, faulty or negligent handling, incorrect maintenance, unsuitable operating materials, faulty construction work, unsuitable site, chemical, electro-chemical or electrical influences – in as far as the Supplier is not responsible for these.
Used contract items are carefully checked before being sold; nevertheless, liability for material defects is excluded.
Certain components are subject to wear and tear during operation. No claims based on defects can be made valid for wear due to operation.
6. If the Customer or a third party makes any improper improvements, then the Supplier is not liable for any consequences resulting from this.
The same applies for any changes made to the contract item that have been undertaken without previous agreement by the Supplier.

Defect of title:

7. If using the contract item leads to an infringement of industrial property rights or copyrights at home (as opposed to abroad), then at his own expense, the Supplier will procure in principle the right to further use for the Customer or modify the contract item in a way reasonable for the Customer so that the property right infringement no longer exists.
If this is not possible for economically appropriate conditions or is not possible within an appropriate period of time, then the Customer is entitled to withdraw from the contract. Under these specified prerequisites, the Supplier also has a right to withdraw from the contract.
Furthermore, the Supplier will release the Customer from any undisputed claims or claims recognized by declaratory judgement by the relevant owner of the industrial property rights.
8. The Supplier's obligations stated in Section VI. 7 subject to Section VII. 2 for the case of infringements of property rights and copyrights are final.

They only exist if

- The Customer informs the Supplier immediately about any valid infringements of property rights or copyrights,
- The Customer supports the Supplier to the appropriate degree in defending against the contended claims, or makes it possible for the Supplier to carry out modification measures in accordance with Section VI. 7,
- The Supplier retains all rights regarding defence measures including extra-judicial regulations,
- The defect of title is not based on any instruction from the Customer, and
- The infringement of rights was not caused as a result of the Customer making any changes himself to the contract item or using it in a manner not in compliance with the contract.

VII. LIABILITY

1. The regulations of Sections VI and VII. 2 apply accordingly to the exclusion of further claims by the Customer if the contract item can not be used by the Customer in compliance with the contract due to a fault attributable to the supplier as a result of omitted or faulty implementation of suggestions and advice made before or after conclusion of contract, or as a result of infringement of other contractual collateral obligations – in particular instructions for operation and maintenance of the contract item.
2. For any damage which does not actually occur on the contract item itself, the Supplier is only liable – for whatever legal reasons – in the following cases:
 - In case of malice aforethought,
 - In case of gross negligence of the owner / representatives or executive employees,
 - In case of culpable injury to life, body, health,
 - In case of defects that have been fraudulently concealed or the absence of which the Supplier has guaranteed,
 - In cases of contract item defects in as far as personal and material defects on privately used objects are covered by liability according to the product liability law.In case of culpable infringement of essential contractual obligations, the Supplier is also liable for gross negligence of non-executive employees and for a slight degree of negligence - in the latter case limited to reasonable, predictable damage typical for the contract.
All other claims are excluded.

VIII. LIMITATION OF ACTIONS

All Customer claims – for whatever legal reasons – expire in 12 months. The legal deadlines apply for deliberate or fraudulent behaviour as well as for claims made in accordance with the product liability law. They also apply for defects in a building structure or for contract items that were used for a building structure in accordance with their usual mode of use and have caused its defectiveness.

IX. USE OF SOFTWARE

In as far as software is included in the scope of delivery, the Customer is being granted a non-exclusive right to use the software supplied including its documentation. The right is transferred for use on the contract item it is determined for. Use of the software on more than one system is prohibited.
The Customer may only reproduce, revise or translate the software or transform the object code into the source code within the context of the legally permissible scope (§§ 69 a ff. UrhG [German copyright law]). The Customer is obliged not to remove the manufacturer's information – in particular the copyright marks – or change said information without previous, explicit agreement by the Supplier. The Supplier and/or the software suppliers retain all other rights on the software and documentation including copies thereof. Allocation to sub-licensees is not permitted.

X. APPLICABLE LAW, PLACE OF JURISDICTION

1. The law of the Federal Republic of Germany which is authoritative for legal relations between domestic parties applies exclusively for all legal relations between the Supplier and the Customer.
2. Place of fulfilment for supply and payment (also for bills of exchange and cheque complaints) is the head office of the Supplier.
3. Place of jurisdiction is the court responsible at the headquarters of the Supplier. However, the Supplier is entitled to institute legal proceedings at the head office of the Customer.

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MORE INFORMATION



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