

01 2021

CONSTRUCTION TECHNOLOGY



LISSMAC ME FZE

LISSMAC
CONSTRUCTION TECHNOLOGY





+ 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 201

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

- Floor saw in robust and compact construction
- 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 water tank reduces work interruptions
- The water cooling system provides an optimum saw blade cooling, this guarantees a longer saw blade life
- Blade guard easily foldable
- Simple service operations - good access to engine and cutting shaft
- With a parking brake
- Height adjustable handles for ergonomic operation



COMPACTCUT 201 P





TECHNICAL DATA	COMPACTCUT 201 P	COMPACTCUT 201 PL	COMPACTCUT 201 D
cutting depth max.	200 mm	200 mm	200 mm
cutting depth setting	stepless threaded spindle with depth gauge		
saw blade Ø max.	500 mm	500 mm	500 mm
saw blade holder	25.4 mm	25.4 mm	25.4 mm
drive motor	Honda petrol 1-cylinder	Loncin petrol 1-cylinder	Kohler Diesel 1-cylinder
output power max.	8.7 kW / 11.8 hp	8.2 kW / 11.1 hp	7.4 kW / 10 hp
saw blade speed	2500 1/min.	2500 1/min.	2000 1/min.
dimensions (L/W/H)	1100/620/1020 mm	1100/620/1020 mm	1100/620/1020 mm
weight	108 kg	108 kg	128 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	TL Asphalt	→ page 108
Concrete	TL Beton Laser	→ page 109

FLOOR SAWS	NR.
COMPACTCUT 201 P without diamond blade, incl. blade guard 500 mm	1061483
COMPACTCUT 201 P ECOLINE without diamond blade, incl. blade guard 500 mm	1071322
[1] COMPACTCUT 201 D without diamond blade, incl. blade guard 500 mm	1079262

COMPACTCUT 301

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 180° for an optimal straight cut
- Best transport option using crane lifting hook and handle
- Standard with fixing brake



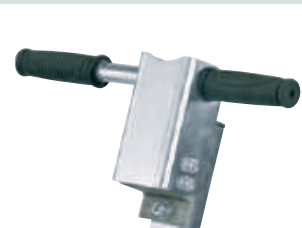
Cyclonic pre-separator



Depth gauge with interlock



Incl. water tank – can be tilted forward



Vibration-damping handle



Saw hood front can be raised



TECHNICAL DATA	COMPACTCUT 301 P
cutting depth max.	200 mm
cutting depth setting	stepless threaded spindle with depth gauge
saw blade Ø max.	550 mm
arbor size	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	TL Asphalt	→ page 108
Concrete	TL Beton Laser	→ page 109

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 standard / optional	220 mm / 270 mm	220 mm / 270 mm
cutting depth setting	stepless threaded spindle with depth gauge	
saw blade Ø standard / optional	600 mm / 700 mm	600 mm / 700 mm
arbor size	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	-	stage 5
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	TL Asphalt	→ page 108
Concrete	TL Beton Laser	→ page 109

FLOOR SAWS	NR.
[1] FS 20 B without diamond blade, incl. blade guard 600 mm	815034
FS 20 B/VE without diamond blade, incl. blade guard 600 mm	815035
FS 20 D without diamond blade, incl. blade guard 600 mm	815011
FS 20 D/VE without diamond blade, incl. blade guard 600 mm	815014
ACCESSORIES	NR.
[2] FS 20 - blade guard 500 mm incl. vacuum shoe	816136
FS 20 - blade guard 700 mm	1072820

MULTICUT 400

POWERFUL AND COMPACT FLOOR SAW FOR CHALLENGING BUILDING SITE CONDITIONS

- Compact floor saw with scissor technology
- 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



[1] Blade guard



[2] Spot-light



[3] Warning flasher



TECHNICAL DATA	MULTICUT 400 D
cutting depth max.	315 mm / 415 mm
cutting depth setting	electrohydraulic with depth gauge
saw blade Ø max.	800 mm / 1000 mm
arbor size	25.4 mm
drive motor	Perkins Diesel 3- cyl.
output power max.	18.4 kW / 25 hp
emission level	stage 5
saw blade speed	1490 1/min.
left and right cut	yes
dimensions (L/W/H)	1300 / 840 / 1690 mm
weight	570 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASP 401	→ page 88
Concrete	BSP 301	→ page 93

FLOOR SAWS	NR.
MULTICUT 400 D without diamond blade, without blade guard	1080082
ACCESSORIES	
[1] MULTICUT 400 - blade guard 500 mm	1081253
[1] MULTICUT 400 - blade guard 800 mm	1080927
[1] MULTICUT 400 - blade guard 1000 mm	1080928
MULTICUT 400 - kit béton frais	1081255
[2] MULTICUT 400 - spot-light LED 12 V	1040256
[3] MULTICUT 400 - warning flasher	816002
MULTICUT 400 - water pump set	813046

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 88
Concrete	BSP 401	→ page 93

FLOOR SAWS	NO.
MULTICUT 500 without diamond blade, without blade guard	816039

ACCESSORIES	NO.
[1] MULTICUT 500 - blade guard 500 mm	816125
[1] MULTICUT 500 - blade guard 800 mm	816051
[1] MULTICUT 500 - blade guard 1000 mm	816052
[2] MULTICUT 500 - spot-light LED 12 V	1040256
[3] MULTICUT 500 - warning flasher	816002
MULTICUT 500 - water pump set	813046
MULTICUT 500 - diesel particulate filter incl. mounting	1018454

MULTICUT 605

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
- Shift gearbox with 3 different rpm speeds – 950, 1620 and 2450 1/min, gearbox (clockwise/counter-clockwise rotation and neutral position), flange spraying system
- 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 605
Picture incl. blade guard



[1] VACUUM-WET 100 P



[2] Blade guard incl. vacuum shoe



[3] Spot-light



[4] Warning flasher



TECHNICAL DATA	MULTICUT 605 SG
cutting depth max.	515 mm
cutting depth setting	electro hydraulic/smoothly adjustable
saw blade Ø max.	1200 mm
arbor size	35 mm (6 x M12 - TK120 mm) - 25,4 mm optional
drive motor	HATZ diesel 4-cylinder
output power max.	55 kW / 74.8 hp
emission level	stage 5 (incl. diesel particulate filter)
cutting gear forwards	hydrostatic stepless 0-50 m/min
cutting gear reverse	hydrostatic stepless 0-25 m/min
saw blade speed	950 / 1620 / 2450 1/min.
left and right cut	yes
dimensions (L/W/H)	1995 / 1030 / 1720 mm
weight	1070 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASP 703	→ page 89
Concrete	BSP 501	→ page 94

FLOOR SAWS	NR.
MULTICUT 605 SG 35/25,4 mm without diamond blade, without blade guard	1063648

ACCESSORIES	NR.
[1] MULTICUT 605 - vacuum unit VACUUM-WET 100 P	818167
MULTICUT 605 - blade guard 800 mm	1031207
MULTICUT 605 - blade guard 1000 mm	1031208
MULTICUT 605 - blade guard 1200 mm	1031209
[2] MULTICUT 605 - blade guard 500 mm incl. vacuum shoe	1004709
[2] MULTICUT 605 - blade guard 800 mm incl. vacuum shoe	816187
[3] MULTICUT 605 - spot-light LED 12 V	1040256
[4] MULTICUT 605 - warning flasher	816002
MULTICUT 605 - water pump set incl. water filter	813046
MULTICUT 605 - adapter kit - shaft 25,4 mm for 6-hole flange	1018697
MULTICUT 605 - weight plates set incl. holder 100 kg	1018646

MULTICUT 800

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 KUBOTA 4-cylinder turbodiesel engine
- Large v-belt drive
- Fast and simple V-belt exchange makes changeover to a second rotation speed possible. Change to other rotation speeds by removing/inserting the saw blade shaft.
- 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
- Feed lever with one-hand operation, which can be changed for left and right hand cut
- Optional stepping platform attachment, flexibly positionable in line with the control panel
- Electro hydraulic saw blade lift



MULTICUT 800
Picture incl. blade guard

Basic version MULTICUT 800 G:

Rotation speed 1550/970 rpm, gearbox (clockwise/counter-clockwise rotation and neutral position), flange spraying system



[1] Blade guard incl. vacuum shoe



[2] Spot-light



[3] Warning flasher



[4] Step-on board



TECHNICAL DATA	MULTICUT 800 G
cutting depth max.	515 mm
cutting depth setting	electro hydraulic/stepless
saw blade Ø max.	1200 mm
saw blade flange	35 mm (6 x M12 - TK 120 mm)
traction drive forward	hydrostatic stepless 0-60 m/min
traction drive reverse	hydrostatic stepless 0-60 m/min
drive motor	Kubota turbodiesel 4-cylinder
cooling	water cooled
output power max.	44 kW/ 60 hp
saw blade speed	1550 / 970 1/min.
saw blade speed optionally	2500 / 1550 1/min.
saw blade transmission	V-belts
dimensions (L/W/H)	1680/1050/1360 mm
weight	935 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASP 703	→ page 89
Concrete	BSP 501	→ page 94

FLOOR SAWS	NO.
MULTICUT 800 G without diamond blade, without blade guard	816047

ACCESSORIES	NO.
MULTICUT 800 G - vacuum unit VACUUM-WET 100 P	818167
MULTICUT 800 G - blade guard 800 mm	1031207
MULTICUT 800 G - blade guard 1000 mm	1031208
MULTICUT 800 G - blade guard 1200 mm	1031209
[1] MULTICUT 800 G - blade guard 500 mm incl. vacuum shoe	1004709
[1] MULTICUT 800 G - blade guard 800 mm incl. vacuum shoe	816187
[2] MULTICUT 800 G - spot-light LED 12 V	1040256
[3] MULTICUT 800 G - warning flasher	816002
[4] MULTICUT 800 G - step-on board	816144
MULTICUT 800 G - water pump set incl. water filter	813046
MULTICUT 800 G - rpm speed kit 1550/2500 1/min Ø 35 mm	816176
MULTICUT 800 G - adapter kit - shaft 25,4 mm for 6-hole flange	1018697
MULTICUT 800 G - diesel particulate filter incl. mounting	1016063

MULTICUT 905

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 hydraulic 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
- 3 speed gear box
- 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.
- Drive via hydrostat guarantees a smooth and controlled operation of the machine
- Low-maintenance chainless gear box
- Multi functional feed lever incl. raising and lowering of the blade
- Raising and lowering of the saw blade is controlled electro-hydraulically



MULTICUT 905
Picture incl. blade guard with vacuum shoe

Basic version MULTICUT 905 SG:

- 3 speed gear box - 950, 1650, 2450 1/min
- Clockwise/counter-clockwise rotation and neutral position
- Flange spraying system

Basic version MULTICUT 905 SGH:

- 3 speed gear box - 950, 1650, 2450 1/min
- 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 500



[3] Blade guard



[4] Blade guard incl. vacuum shoe



[5] Spot-light



[6] Warning flasher



[7] Seat



Control panel



TECHNICAL DATA	MULTICUT 905 SG	MULTICUT 905 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
arbor size	35 mm (6 x M12 - TK120 mm) - 25,4 mm optional	
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	stage 5 (incl. diesel partic. filter)	stage 5 (incl. diesel particulate filter)
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)	2290/1030/1720 mm	2290/1030/1720 mm
weight	1130 kg	1200 kg

DIAMOND TOOLS RECOMMENDATION

Asphalt	ASP 703	→ page 89
Concrete	BSP 501	→ page 94

FLOOR SAWS	NR.
MULTICUT 905 SG 35/25,4 mm without diamond blade, without blade guard	1063646
MULTICUT 905 SGH 35/25,4 mm without diamond blade, without blade guard	1063647

ACCESSORIES	NR.
[1] MULTICUT 905- vacuum unit VACUUM-WET 100 P	818167
[2] MULTICUT 905 - vacuum unit VACUUM-WET 500	1078972
MULTICUT 905 - adapter kit VACCUM WET 500 for MULTICUT 905	1079037
[3] MULTICUT 905 - blade guard 800 mm	1031207
[3] MULTICUT 905 - blade guard 1000 mm	1031208
[3] MULTICUT 905 - blade guard 1200 mm	1031209
[4] MULTICUT 905 - blade guard 500 mm incl. vacuum shoe	1004709
[4] MULTICUT 905 - blade guard 800 mm incl. vacuum shoe	816187
[4] MULTICUT 905 - blade guard 1000 mm incl. vacuum shoe	1079852
[5] MULTICUT 905 - spot-light LED 12 V	1040256
[6] MULTICUT 905 - warning flasher	816002
[7] MULTICUT 905 - seat	1040906
MULTICUT 905 - water pump set incl. water filter	813046
MULTICUT 905 - adapter kit - shaft 25,4 mm for 6-hole flange	1018697
MULTICUT 905 - weight plates set incl. holder 100 kg	1018646

UNICUT 600

FULLY HYDRAULIC PRECISION FLOOR SAW
FOR PROFESSIONAL USE

- All-wheel drive machine
- Multifunctional joystick for ease of operation
- Electro hydraulic steering system
- Optimized hydraulic circuit for improved power transmission to the saw blade
- 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
- Saw motor with saw blade and blade guard 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



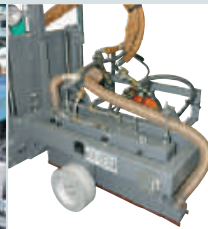
[4] Spot-light



[5] Hydraulic steering wheel



[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
arbor size	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 0-40 m/min
cutting gear reverse	hydraulic stepless 0-40 m/min
saw blade speed	600-2900 1/min.
steering	electro-hydraulic
left and right cut	yes
dimensions (L/W/H)	2500/1100/1650 mm
weight	2200 kg

FLOOR SAWS	NR.
UNICUT 600 without diamond blade, without blade guard	1022543
SAW BLADE MOTORS	NR.
variable displacement motor 160 cm ³ for saw blade Ø 300 to 1200 mm	1018614
variable displacement motor 200 cm ³ for saw blade Ø 1000 to 1500 mm	1005790
ACCESSORIES	NR.
[1] UNICUT 600 - suction unit VACUUM-WET 500	1078972
UNICUT 600 - adapter kit VACCUM WET 500 for UNICUT 600	1079038
UNICUT 600 - blade guard 800 mm	818079
UNICUT 600 - blade guard 1000 mm	818080
UNICUT 600 - blade guard 1200 mm	818081
[2] UNICUT 600 - blade guard 500 mm incl. vacuum shoe	818153
[2] UNICUT 600 - blade guard 800 mm incl. vacuum shoe	1005848
[2] UNICUT 600 - blade guard 1000 mm incl. vacuum shoe	818083
[2] UNICUT 600 - blade guard 1200 mm incl. vacuum shoe	818072
[2] UNICUT 600 - blade guard 1500 mm incl. vacuum shoe	818162
[3] UNICUT 600 - remote control	1040910
[4] UNICUT 600 - spot-light LED 12 V	1040256
UNICUT 600 - warning flasher	816002
[5] UNICUT 600 - hydraulic steering wheel	1071365
UNICUT 600 - water pump set incl. water filter	813046
[6] UNICUT 600 - drill unit	818208
[7] UNICUT 600 - tandem longitudinal cutting unit	818154
[8] UNICUT 600 - grooving unit and blade guard	1034658
UNICUT 600 - seat modification kit for pushed cuts	1018150
UNICUT 600 - diesel particulate filter incl. mounting	1018455





+ ELECTRIC FLOOR SAWS

LISSMAC electric floor saws are the perfect solution for enclosed construction sites, 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 401 E

ROBUST, HIGH-PERFORMANCE ELECTRIC FLOOR SAW – IDEAL FOR CUTTING WORK INSIDE BUILDINGS

- The LISSMAC electric floor saws operate quietly and are thus particularly suitable for cutting work on and inside buildings
- The smooth raising and lowering of the saw blade is continuous by means of a threaded spindle, thus damage to the saw blade can be avoided.
- Optimum speed of the saw blade shaft.
- Blade guard foldable at the front for overcuts
- Excellent directional stability due to optimal centre of gravity
- Handles height adjustable for ergonomic work
- Easily convertible from left to right hand cut in just a few simple steps
- Fork spraying directly through the blade guard
- Optimum weight distribution on the front wheels ensures high tracking and sawing accuracy
- Adjustable cutting depth indicator
- Stable dipstick in H-shape
- Saw blade shaft with V-belt drive for right and left hand cutting



Optionally available flush cutting blade guard:

- Patented flush cutting system with 800 mm blade guard and flush cutting flange
- Flush cutting is done according to the current machine building guidelines



[1] Flush cutting blade guard



Easily dismantled into 3 parts

TECHNICAL DATA	COMPACTCUT 401 E
cutting depth max.	320 mm
cutting depth setting	handwheel - threaded spindle
saw blade Ø max.	800 mm
arbor size	25.4 mm
saw blade fixing (flush cuts)	6 x M8 -TK125
drive motor	electric
output power max.	7,5 kW
voltage	400 V / 32 A
saw blade speed	1250 '/min.
left and right cut	yes
dimensions (L/W/H)	990/580/850 mm
weight	156 kg



DIAMOND TOOLS RECOMMENDATION

Asphalt	TL Asphalt	→ page 108
Concrete	BSP 101 E	→ page 92

FLOOR SAWS	NR.
COMPACTCUT 401 E without diamond blade, incl. blade guard 800 mm	1069137
ACCESSORIES	NR.
[1] COMPACTCUT 401 E - flush cutting blade guard 800 mm	1065244

COMPACTCUT 501 E / 601 E

ROBUST, HIGH-PERFORMANCE ELECTRIC FLOOR SAW – IDEAL FOR CUTTING WORK INSIDE BUILDINGS

- Particular compact design
- The smooth raising and lowering of the saw blade is continuous by means of a threaded spindle, thus damage to the saw blade can be avoided.
- Clear and ergonomic design of controls.
- Blade guard foldable at the front for overcuts
- Patented flush cutting system with 800 mm black guard (optional) and flush cutting flange
- The rear wheel sits outside the saw cut. This makes it easy to re-cut kerfs.
- Left and right hand cut possible
- The low centre of gravity and the exact distribution of the weight on the axles ensure stability and excellent straight-line cuts
- Infinitely adjustable feed system with differential
- Parking brake
- Cutting depth indicator
- Stable dipstick in H-shape
- Saw blade shaft with V-belt drive



COMPACTCUT 601 E

Version COMPACTCUT 601 E

- The frequency converter allows smooth adjustment of the cutting shaft speed. That way the optimum speed for any saw blade diameter can be set.
- The smooth start of the electric motor limits the inrush current and reduces the load on the grid.

Optionally available flush cutting blade guard:

- Patented flush cutting system with 800 mm blade guard and flush cutting flange
- Flush cutting is done according to the current machine building guidelines



[1] COMPACTCUT 501 E

[2] Blade guard

[3] Flush cutting blade guard

TECHNICAL DATA	COMPACTCUT 501 E	COMPACTCUT 601 E
cutting depth max.	420 mm	420 mm
cutting depth setting	electro hydraulic	electro hydraulic
saw blade Ø max.	1000 mm	1000 mm
arbor size	25.4 mm	25,4 mm
saw blade fixing (flush cuts)	6 x M8 -TK125	6 x M8 -TK125
drive motor	electric	electric
output power max.	15 kW	22 kW
voltage	400 V / 32 A	400 V / 32 A
saw blade speed	1000 1/min.	950 1/min. - 1750 1/min.
left and right cut	yes	yes
dimensions (L/W/H)	1500/795/1350 mm	1150/795/1350 mm
weight	362 kg	388 kg



DIAMOND TOOLS RECOMMENDATION

Asphalt	TL Asphalt	→ page 108
Concrete	BSP 101 E	→ page 92

FLOOR SAW	NR.
[1] COMPACTCUT 501 E without diamond blade, incl. blade guard 1000 mm	1069145
COMPACTCUT 601 E without diamond blade, incl. blade guard 1000 mm	1069287
ACCESSORIES	NR.
[2] COMPACTCUT 501 E/601 E - further blade guards on demand	-
[3] COMPACTCUT 501 E/601 E - flush cutting blade guard 800 mm	1065244





+ SUCTION UNITS

Professional wet vacuum units for the constant suction 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 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 \varnothing 5 mm sieve easy and quick to clean
- 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 of the machine



VACUUM-WET 100 P



[1] VACUUM-WET 500



[2] Adapter kit for MULTICUT 905



[3] Adapter kit for UNICUT 520/600



[4] Suction hose incl. floor nozzle

TECHNICAL DATA	VACUUM-WET 100	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
sieve for coarse parts	-	Ø 5 mm
required hydraulic supply	-	Q=40 l/min;140bar
air delivery rate	1600 m³/h	2200 m³/h
water delivery rate	1250 l/h	2450 l/h
power consumption	-	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
dimensions (L/W/H)	1120/700/1600 mm	880/820/1300 mm
total weight	196 kg (P); 222 kg (E)	268 kg



SUCTION UNITS	NR.
VACUUM-WET 100 P - wet, incl. 5 m hose, Ø 100 mm	818167
VACUUM-WET 100 E - wet, incl. 5 m hose, Ø 100 mm	818175
[1] VACUUM-WET 500 - wet	1078972

ACCESSORIES	NR.
[2] Adapter kit VACCUM WET 500 for MULTICUT 905	1079037
[3] Adapter kit VACCUM WET 500 for UNICUT 520/600	1079038
[4] VACUUM-WET 100 - suction hose incl. floor nozzle and 4 m hose, Ø 50 mm	818176





+ 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 60 B

FBM

THE IDEAL MACHINES FOR CLEANING JOINTS

- 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 guarantees uniform processing of the joint
- Standard with parking brake and 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
- Eye hooks for simple unloading and transportation
- Detachable brush guard with adjustable deflectors
- Waste collector basket to catch debris from joint (optional)
- The tool cutting direction is against the working direction so dirt kept out of the fresh cut area



[1] Steering wheel mounting kit



[2] Waste disposal box



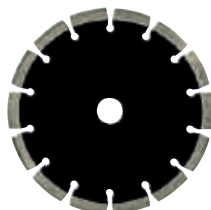
[3] Alternator kit



[4] Spot-light



[5] Round brush



[6] Crack milling cutter



[7] Chamfering blade

TECHNICAL DATA	FBM 300 P	FBM 300 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
output power max.	8.7 kW, 11.7 hp	7.3 kW, 9.8 hp
emission level	-	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



JOINT BRUSHING	NR.
FBM 300 P joint brushing machine without tools	1004145
FBM 300 D joint brushing machine without tools	1005367
ACCESSORIES	NR.
[1] FBM - steering wheel mounting kit for crack milling	819555
[2] FBM - waste disposal box	819561
[3] FBM - alternator kit	1004326
[4] FBM - spot-light LED 12 V	1040256
TOOLS	NR.
[5] FBM - round brush Ø 300 mm/20 mm hole, width 6 mm	799781
[5] FBM - round brush Ø 300 mm/20 mm hole, width 8 mm	799750
[5] FBM - round brush Ø 300 mm/20 mm hole, width 10 mm	799751
[5] FBM - round brush Ø 300 mm/20 mm hole, width 12 mm	799752
[5] FBM - round brush Ø 300 mm/20 mm hole, width 14 mm	799786
[6] FAM - RSW 10 crack milling cutter for asphalt Ø 230 mm/25,4-20,0 mm hole	790357
[6] FAM - RSW 10 crack milling cutter for concrete Ø 230 mm /25,4-20,0 mm hole	790356
[7] FAM - AASW 11 chamfering blades for asphalt Ø 280 mm/25,4 mm hole, two-piece	1056502
[7] FAM - BASW 11 chamfering blades for concrete Ø 280 mm/25,4 mm hole, two-piece	1056504





+ 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 B

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



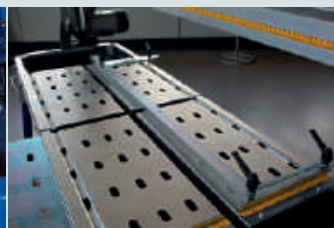
ATS 350 B
Picture excl. set of wheels



[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
arbor size	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 111
Natural stone	GSWD 10	→ page 111



MASONRY SAWS	NR.
ATS 350 B 120 without diamond blade	1012873
ACCESSORIES	NR.
[1] ATS 350 - side table	1028200
[2] ATS 350 - laser without installation	1028203
[2] ATS 350 - laser factory installed	1080814
[3] ATS 350 - side stop	1028204
ATS 350 - side stop adapter for side table	1028205

ATS 400 / ATS 450

PROFESSIONAL MASONRY SAW –
ALL PURPOSE SAW FOR THE CONSTRUCTION SITE

- 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
- Stable and resilient aluminium frame with exact table design for precision stone cutting
- Variable cutting lengths using an adjustable saw head
- Good view of the saw cut by means of narrow saw blade guard
- The special LISSMAC water spraying system guarantees optimum saw blade cooling and immediate removal of debris with very low water consumption
- Bolting connections ensure simple replacement of individual machine parts
- The light weight plastic water basin can be removed for cleaning and for transportation
- Fast removal of the water pump via plug-in connectors
- Standard wheel set simplifies moving on the building site and loading into a vehicle
- Simple transport due to removable saw head and foldable 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 / max.	110 mm / 135 mm	150 mm / 190 mm
cutting length	600 mm	720 mm
saw blade Ø standard / max.	350 mm / 400 mm	450 mm / 500 mm
arbor size	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 111
Natural stone	GSWD 10	→ page 111



MASONRY SAWS	NR.
ATS 400 incl. diamond blade Ø 350 mm for concrete, natural stone	810135
[1] ATS 450 incl. diamond blade Ø 450 mm for concrete, natural stone	1017006

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

DTS 402

SOLID MASONRY SAW

FOR UNIVERSAL CONSTRUCTION JOB SITE USE

- The water spraying system ensures optimum saw blade cooling and the immediate removal of the sawing debris with the lowest water consumption and also complies with the current safety standard
- Table saw with swivelling cutting head
- High-quality, low-maintenance construction
- Welded steel construction and plastic water basin with precise table support for accurate cuts
- The adjustable saw head also allows chop cuts
- Foldable legs for fast and compact transport
- Standard wheelset makes it easier to move on site and to load into a vehicle
- Roller table equipped with safety catch and locking mechanism
- Integrated water pump transport lock
- Removable splash guard
- Rear sloping and removable water pan
- Rubberised saw table for non-slip cuts
- Best transport option by using (back/front) handles
- Smooth cutting table with adjustable angle stop
- Hinged saw blade guard for easier exchange of saw blades
- ON / OFF switch with EMERGENCY STOP user-friendly in a protected position



Foldable legs



Wheelset included



Adjustable saw head

TECHNICAL DATA	DTS 402
cutting depth standard/max.	110 mm / 135 mm
cutting depth standard/max. 45°	80 mm / 105 mm
cutting length	800 mm
saw blade Ø standard/max.	350 mm / 400 mm
arbor size	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)	1200/750/1330 mm
weight	84 kg

DIAMOND TOOLS RECOMMENDATION

Concrete	TL Beton Laser	→ page 109
Natural stone	GSWL 21	→ page 111



MASONRY SAWS	NR.
DTS 402 without diamond blade	1059422
ACCESSORIES	NR.
DTS 402 - adapter cable 2m plug Schuko coupl. CEE 3-pin 16 A	822312
DTS 402 - adapter cable 2m plug CH Typ12 coupl. Schuko	822311
DTS 402 - adapter cable 2m plug CEE 3-pin 16 A coupl. Schuko	822310

DTS 600

SOLID MASONRY SAW

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	800 mm
saw blade Ø standard/max.	450 / 600 mm
arbor size	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

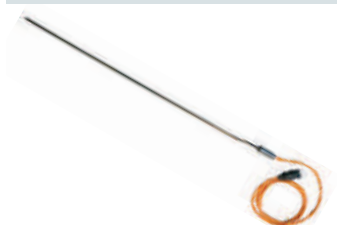
Concrete	TL Beton Laser → page 109
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DTS 700

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

- Low-maintenance construction suitable for the building site
- Excellent service and operational reliability
- Exact table layout for precision stone cutting
- 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 in freezing conditions)
- Water basin removable from the rear
- Saw head is easily positioned for safe transportation
- Easy handling 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

TECHNICAL DATA	DTS 700
cutting depth max.	270 mm
cutting length	520 mm
saw blade Ø max.	700 mm
arbor size	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 107
Sand-lime stone	KSWD 22	→ page 107
Concrete	PREMIUM SILVER	→ page 110



MASONRY SAWS	NR.
DTS 700 incl. diamond blade Ø 700 mm for poroton, sand-lime stone	1041421
ACCESSORIES	NR.
[1] DTS 700 - rod heater	780001
[2] DTS 700 - side stop with graduation	681141

DTS 1000

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

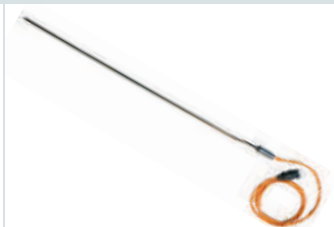
- Low-maintenance construction fit for the building site
- Excellent service and operational reliability
-
- Exact table layout for precision stone cutting
- Distortion-free three point stability
- Stable and resilient frame
- Galvanised sawing table with imprinted scale
- Table guidance profile and 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 in freezing conditions)
- Water basin removable from the rear
- Saw head is easily positioned for safe transportation
- Easy handling 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

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
arbor size	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 107
Sand-lime stone	KSWD 22	→ page 107
Concrete	PREMIUM SILVER	→ page 110



MASONRY SAWS	NR.
DTS 1000 H incl. diamond blade Ø 900 mm for poroton, sand-lime stone	1063308
[1] DTS 1000 V incl. diamond blade Ø 900 mm for poroton, sand-lime stone	1058599
ACCESSORIES	NR.
[2] DTS 1000 - rod heater	780001
[3] DTS 1000 - side stop with graduation	681141





+ CELLULAR CONCRETE BAND SAWS

LISSMAC band saws are designed especially for cutting 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 savings and highly precise cutting technology for the exact processing of porous concrete.

MBS

MBS 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
- Automatic saw band tensioner ensures optimum and constant tensioning for best 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 stop – 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 connection



Quick release



Automatic saw shut-off



Porous concrete



Porous brick



Perlite filled porous brick



Mineral rock wool filled porous brick

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) 12,5 A (230 V) 20 A (110V)	2,7 A (400 V) 12,5 A (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

MINIUM REQUIREMENT SUCTION UNIT

Air volume:	216 m³/h	Vacuum:	224 mbar
Automatic filter cleaning (depending on material and environmental conditions higher performance could be necessary)			

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

ACCESSORIES	NR.
[2] MBS - vacuum connection (without mounting)	1005621
[2] MBS - vacuum connection (incl. assembly)	1080815
MBS - adapter cable 2m plug Schuko coupl. CEE3-pin 16 A	822312
MBS - adapter cable 2m plug CH Typ12 coupl. Schuko	822311
MBS - adapter cable 2m plug CEE3-pin 16 A coupl. Schuko	822310

CARBIDE TIPPED SAW BELTS	NR.
MBS 502 - saw belt, length 3,520 x 27 mm, 3 teeth/inch	799501
MBS 502 - saw belt, length 3,520 x 27 mm, 2 teeth/inch	799556
MBS 510 - saw belt, length 3,750 x 27 mm, 3 teeth/inch	799598
MBS 510 - saw belt, length 3,750 x 27 mm, 2 teeth/inch	799798
MBS 650 / MBS-Jumbo - saw belt, length 4,020 x 27 mm, 3 teeth/inch	799505
MBS 650 / MBS-Jumbo - saw belt, length 4,020 x 27 mm, 2 teeth/inch	799575
MBS 602 Jumbo / MBS-702 Mammut - saw belt, length 4,180 mm x 27 mm, 3 teeth/inch	799522
MBS 602 Jumbo / MBS-702 Mammut - saw belt, length 4,180 mm x 27 mm, 2 teeth/inch	1015501
MBS 760 / MBS GF 756 / MBS-HF 755 - saw belt, length 4,566 mm x 27 mm, 3 teeth/inch	799554
MBS 760 / MBS GF 756 / MBS-HF 755 - saw belt, length 4,566 mm x 27 mm, 2 teeth/inch	1015502







+ CORE DRILLING MACHINES

The LISSMAC drills and drill stands are truly economical and flexible due to their modular design. A universal mounting plate makes the drills flexible in combination with the functional LISSMAC drilling stands. 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
- 3 speed gear box allows optimum speed selection
- Simple, controlled operation during hand-guided core drilling using universal 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

TECHNICAL DATA	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.
CDM 20 P wet/dry, incl. carry case	1004139
[1] CDM 20 S wet/dry, incl. carry case	1004304
CORE DRILL MOTORS 110 V	NR.
CDM 20 P wet/dry, incl. carry case	1004229
ACCESSORIES	NR.
[2] CDM 20 - antifriction washer (brass)	823520
[3] CDM 20 - centre spike 190 - 250mm	700353
[3] CDM 20 - centre spike 230 - 350 mm	700354
[3] CDM 20 - centre spike 360 - 480 mm	700355
CDM 20 - adapter cable 2m plug Schuko coupl. CEE 3-pin 16 A	822312
CDM 20 - adapter cable 2m plug CH Typ12 coupl. Schuko	822311
CDM 20 - adapter cable 2m plug CEE 3-pin 16 A coupl. Schuko	822310



DRILL-JET MOTORS

POWERFUL DIAMOND CORE DRILLING MACHINES FOR WET DRILLING

- User-friendly – 3 speed gear box allows optimum speed selection depending on 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.



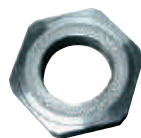
CDM 33 W

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

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.
CDM 33 W stationary with MULTI-TRONIC, wet, incl. anti-friction ring	700303
CORE DRILL MOTORS 110 V	NR.
CDM 33 W stationary with MULTI-TRONIC, wet, incl. antifriction ring	700309
CORE DRILL MOTORS 400 V	NR.
[1] CDM 63 W - with automatic phase changing switch for drilling stand, wet, incl. anti-friction ring	700315
ACCESSORIES	NR.
[2] CDM - antifriction ring	700400



DRILL-JET STANDS

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

- The UNIVERSAL-mounting plate makes it easy to mount any drill motor
- Ergonomic and effortless core drilling by hand crank which can be operated from either side
- The feed rate is precisely controllable with 1:1 direct ratio
- The precise and robust sliding guide or roller guide can be adjusted quickly and easily
- The drilling column can be swivelled back up to 45° for inclined drilling
- The handle and the transport rollers on the stand offer versatile handling and enable the drill stand to be transported easily
- Alignment of the core drilling stand by 5 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
- The drill stand supports give the drill stand very high stability

CDR 200

- Precise guidance via prismatic sliding block and the aluminium profile column

CDR 250

- Precise guidance via prism rollers and aluminium profile column
- The drill stand offers various mounting options thanks to its combined dowel/vacuum base

CDR 351

- Precise guidance via prism rollers and aluminium profile column
- A steel dowel base is used for set-up of the drill stand
- Standard scope of delivery including wheel set



CDR 200



CDR 250



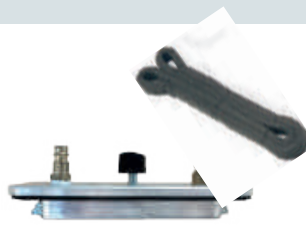
CDR 351



[1] Collar



[2] Quick-clamping spindle M12



[3] Valve plate and vacuum sealing ring



[4] Vacuum sealing ring



[5] Wheel set CDR 250



[6] UNIVERSAL spacer plate



[7] Vacuum pump



[8] Vacuum plate

TECHNICAL DATA	CDR 200	CDR 250	CDR 351
core bits Ø recommended	150 mm	200 mm	300 mm
core bits Ø max.	162 mm (200 mm)	250 mm	350 mm
lifting height	565 mm	605 mm	700 mm
motor mounting using	collar-Ø 60 mm (UNIVERSAL)	UNIVERSAL	UNIVERSAL
feed gears operation from either side	1:1	1:1	1:1
feed	hand crank	hand crank	hand crank
support	bearing guide	roller guide	roller guide
angle drilling	stepless 0 - 45°	stepless 0 - 45°	stepless 0 - 45°
fixing	dowel foot	combined dowel / vacuum foot	steel dowel foot
dimensions (L/W/H)	330/210/840 mm	430/230/955 mm	330/250/1070 mm
weight	9.5 kg	11.5 kg	19.3 kg

CORE DRILL STAND	NR.
CDR 200 with universal motor plate + with clamping collar Ø 60 mm quick-clamping system	1076294
CDR 250 with universal motor plate	1076295
CDR 351 with universal motor plate + wheel set	1076296

ACCESSORIES	NR.
[1] CDR 200 / 250 / 351 - collar Ø 60 mm	1076297
[2] quick-clamping spindle M12	700323
CDR 200 / 250 quick-clamping motor plate	1076305
CDR 351 quick-clamping motor plate	1076306
[3] CDR 250 - vacuum-set - vacuum cover and vacuum sealing ring (foam rubber)	1076300
[4] CDR 250 - vacuum sealing ring (foam rubber)	1076302
[5] CDR 250 - wheel set	1076303
[6] UNIVERSAL spacer plate 30 mm	700327
[6] UNIVERSAL spacer plate 60 mm	700328
[6] UNIVERSAL spacer plate 90 mm	700329
[7] Vacuum pump incl. 2 m hose and pneumatic quick coupling	1076304
[8] Vacuum plate	700360
Vacuum plate - vacuum sealing ring (foam rubber)	1076301



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
- Ergonomic and effortless core drilling thanks to a hand crank cross which can be operated from either side
- The feed rate is precisely controllable with 1:1 direct ratio or an additional 1:3 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 up to 45°
- The sturdy 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] Spacer plates in 2 different lengths



[7] Vacuum pump



[8] Vacuum plate

TECHNICAL DATA	CDR 251	CDR 501
core bits Ø recommended	200 mm	400 mm
core bits Ø max.	250 mm	500 mm
lifting height	550 mm	650 mm
motor mounting using	UNIVERSAL	UNIVERSAL
feed gears operation from either side	1:1 and 1:3	1:1 and 1:3
feed	hand crank	hand crank
support	roller guide	roller guide
angle drilling	90°- 45°	90°- 45°
fixing	Stainless steel dowel foot	Stainless steel dowel foot
dimensions (L/W/H)	300/190/880 mm	430/235/1065 mm
weight	11.8 kg	17.0 kg

CORE DRILL STAND	NR.
CDR 251 with UNIVERSAL quick-clamping system	1028801
[1] CDR 501 with UNIVERSAL quick-clamping system	1029053
ACCESSORIES	
CDR 251-501 feed gear for core drilling stands CDR 251/501 - 1:1 and 1:3 / operated from either side	1028802
[2] CDR 251-501 clamping collar holder	1029074
[3] CDR 251-501 UNIVERSAL quick-clamping motor plate	1029075
[4] CDR 501 wheel set	1029076
[5] CDR - anchoring dowels Ø 16mm / M12 (50 pcs.)	700401
[6] UNIVERSAL spacer plate 75 mm	1076307
[6] UNIVERSAL spacer plate 135 mm	1076308
[7] vacuum pump incl. 2 m hose and pneumatic quick coupling	1076304
[8] vacuum plate	700360
Vacuum plate - vacuum sealing ring (foam rubber)	1076301



DRILL-JET CHANNEL CORE DRILLING SYSTEM

FUNCTIONAL, ROBUST AND COMPACT CHANNEL CORE DRILLING SYSTEM

CORE DRILLING MACHINE - CDM 23 WP

- User friendly – 3 speed gear box allows optimal rotational speed depending on the 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 speed gear box)

CHANNEL CORE DRILLING STAND - CDR 350

- Easy 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 feed rate is precisely controlled by a 1:1 direct ratio as well as a trapezoid spindle
- Precise guidance 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 wrench
- Drilling stand support bracket can be mounted on right or left side, to accommodate the space requirements of any construction site
- 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

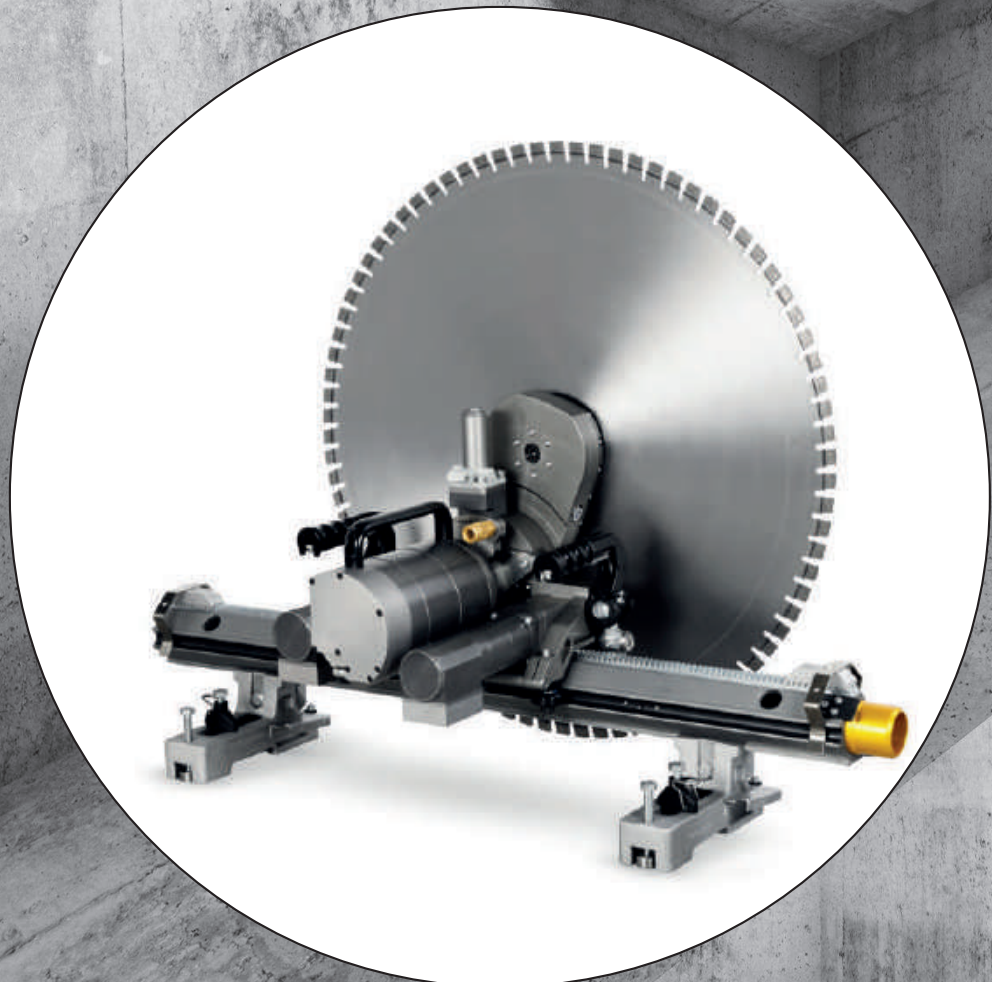
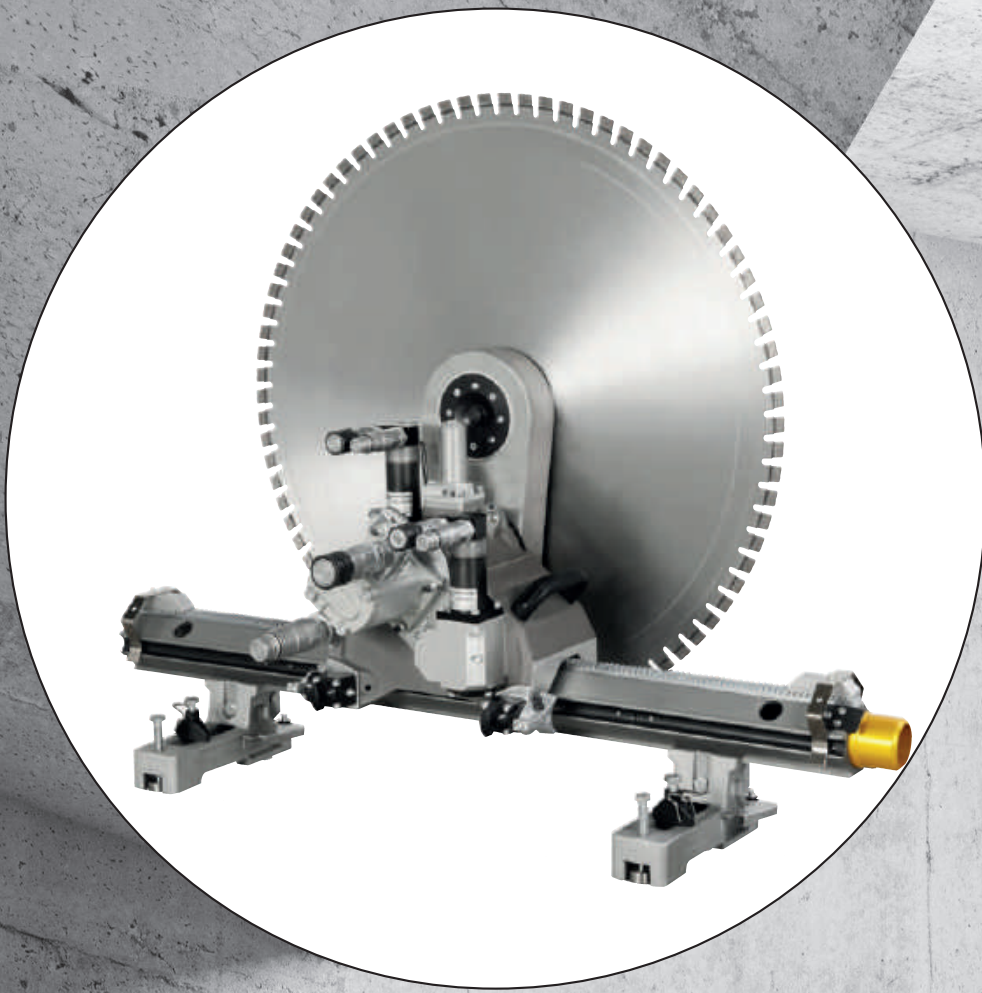
TECHNICAL DATA	CDM 23 WP	CDR 350
rated power	2.7 hp / 2000 W	-
output power	2.4 hp / 1750 W	-
speed without load	370 / 720 / 1090 ¹ /min.	-
speed fully load	220 / 420 / 650 ¹ /min.	-
core drill Ø stationary	350 / 160 / 100 mm	-
cooling	air-cooled	-
core bit connection	1 ¼" UNC	-
drill motor holder	universal-mounting 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 12	→ page 121
Adapter		→ page 124

CHANNEL CORE DRILLING SYSTEM	NR.
CDM 23 WP channel core drill machine	823012
CDR 350 channel drill stand incl. tension belt and spikes (2 pcs.)	1031429
ACCESSORIES	NR.
[1] CDR 350 - stand-on plate incl. wheel set and handle	1041406
[2] CDR 350 - digger shovel frame	1037296
CDR 350 - frame extension	1081691
[3] CDR 350 - water pressure tank 10 litre incl. 2m plastic hose, gardena water fitting and pressure gauge	700351







+ 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. Door openings, windows 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 masonry
- Wide accessory range

Guide rails

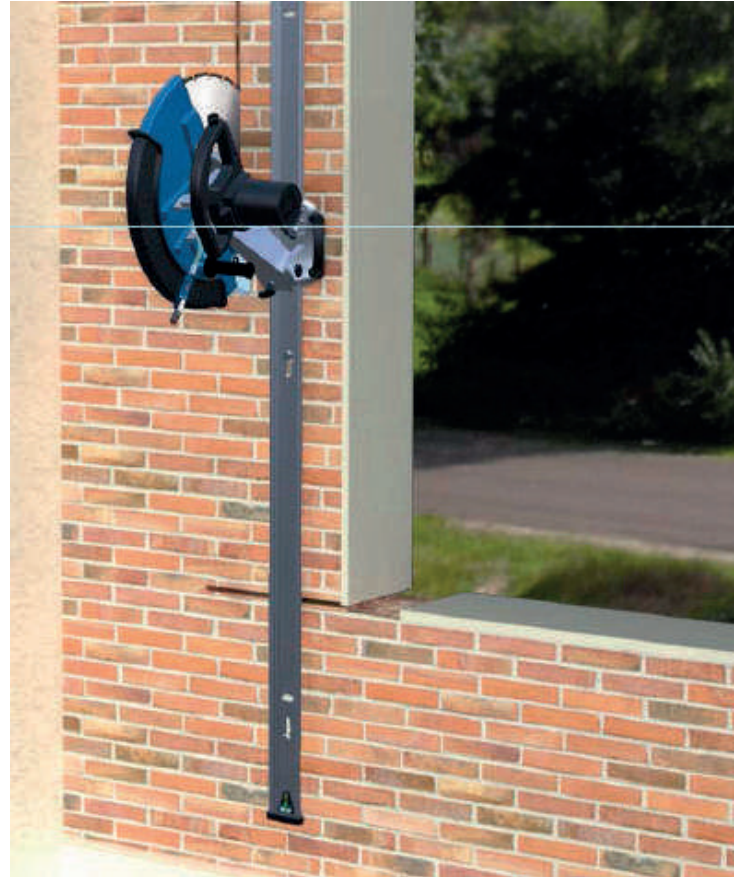
- Extremely lightweight aluminium guide rail
- Direct wall mounting with the help of two plugs M12
- Robust design allows for opposite cuts
- Carriage is fixed on the rail system
- Integrated water level assures exact mounting
- Slotted mounting ring assures rapid and exact adjustment

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.	110 mm / 165 mm / 210 mm
saw blade Ø max.	350 mm / 450 mm / 540 mm
arbor size	30 mm
output power max.	2.2 kW, 230 V
saw blade speed	2700 1/min.
weight saw head	14.6 kg
weight guide rail 1.3 m	6.6 kg
weight guide rail 2.3 m	9.9 kg

DIAMOND TOOLS RECOMMENDATION

Concrete	WSPX 100	→ page 122
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WALL SAW SYSTEM LWSE 540	NR.
LWSE 540 saw unit incl.	1043656
- 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.
LWSE 540 - guide rail 1,300 mm + carriage with spacer plates 2 x T=2 mm / T=3 mm / T=5 mm	1043657
LWSE 540 - guide rail 2,300 mm + carriage with spacer plates 2 x T=2 mm / T=3 mm / T=5 mm	1043658
[1] LWSE 540 - set of aluminium rail couplers	1043659
LWSE 540 - transport box for saw unit	1043660
[2] LWSE 540 - transport box for guide rails 1,300 mm	1043661
[2] LWSE 540 - transport box for guide rails 2,300 mm	1043662
[3] LWSE 540 - flush guard cut kit (flush guard Ø 540 mm + 3 pcs flush blade flange)	1043663



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 extremely compact motor delivers an unmatched cutting performance within the 16A range
- Optimized 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 gear box
- Optimised remote control for greater mobility and creased 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	650 mm	800 mm
arbor size	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.
LWSE 800 wall saw incl. feed motors	1042127
LWSE 800 - track cpl. 700mm	1042111
LWSE 800 - track cpl. 1100mm	1042110
LWSE 800 - track cpl. 2200mm	1042113
[1] LWSE 800 - rotary rail support (recommended: 3 pieces)	1042108
LWSE 800 - track stop (recommended: 2 pieces)	1042109
LWSE 800 - blade guard All-In-One 750 mm	1042107
LWSE 800 - transport trolley	1042112

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

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



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



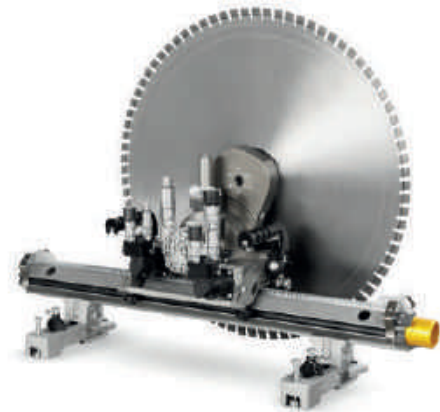
LWSH 1201

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



Drive

TECHNICAL DATA	LWSH 1201	LWSH 1600
cutting depth max.	510 mm	700 mm
saw blade Ø max.	1200 mm	1600 mm
free detachable up to	900 mm	825 mm
arbor size	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.
LWSH 1201 wall saw	1042092
LWSH 1201 - motor complete B/S 22 ccm / FD	1042061
[1] LWSH 1201 - blade guard 1000 mm 3 parts All-In-One	1042095
LWSH 1201 - VAS G Track / 1100 mm / alu	1042090
LWSH 1201 - VAS G Track / 2200 mm / alu	1042088
[2] LWSH 1201 - V-Track feet alu, flat (recommended: 3 pieces)	1042045
LWSH 1201 - Pressure relief valve FD	1042074

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

ACCESSORIES	NR.
LWSH 1201 - 1 piece bronze guide complete	1042048
LWSH 1201 - flush cutting flange	1042056
LWSH 1201 - tooth belt	1042046
[1] LWSH 1201 / 1600 - Blade guard 800 mm 3 parts All-In-One	1042094
[1] LWSH 1201 / 1600 - Blade guard 1000 mm 3 parts All-In-One	1042095
[1] LWSH 1201 / 1600 - Blade guard 1200 mm 3 parts All-In-One	1042096
LWSH 1600 - blade flange ST complete	1042086
LWSH 1600 - blade guard 1600 mm 2 parts	1042081
LWSH 1600 - blade guard holder 2 parts for bolt	1042071

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



DRIVES LHD

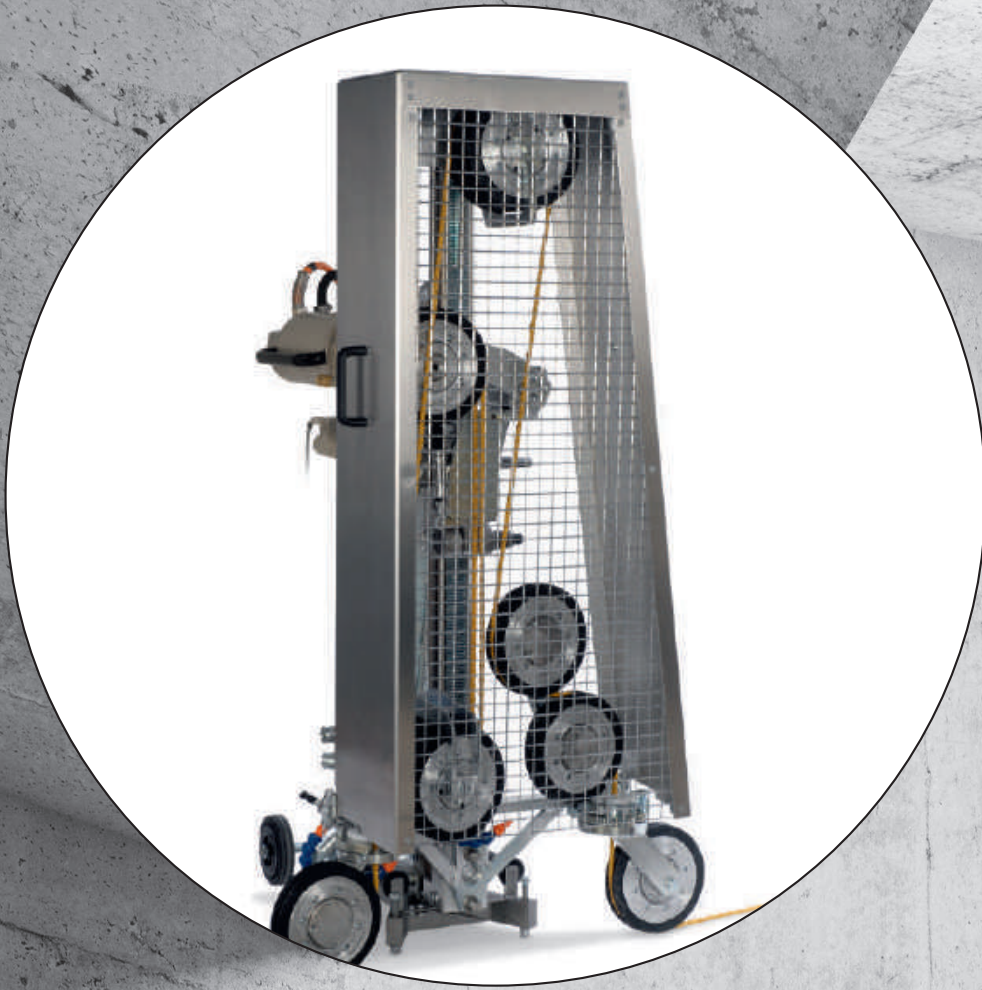
- The 2-stage control ensures optimum cutting speeds for all applications
- A simple and uncomplicated drive with product features reduced to the essentials
- Ergonomically arranged control panel
- Safe due to high quality electronic components
- Manometer display for main and feed cycle



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

DRIVES	NR.
LHD 25 Drive unit / 380-420V / 50Hz	1043651
LWSH / LWCH 100 / LWCE 200 - Hose package 5 pieces 8 m FD	1042063
LWSE / LWSH - Hose package 2 pieces 8 m FF (feed and drive unit)	1042058
ACCESSORIES	NR.
On/Off valve for wire sawing	1042084







+ WIRE SAWS

The LISSMAC wire saw system is the custom solution for forever changing requirements. Both electric wire saws and hydraulic wire 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 nearly unlimited. Cutting of reinforced concrete, brickwork and diverse building materials. For controlled removal, as well as demolition works, renovations and maintenance works. 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.
LWCH 100 - drill rig CDR-2	1042050
LWCH 100 - wire saw kit excl. CDR-2	1042069
LWCH 100 - motor complete S/S 8+19ccm/FD	1042065
LWCH 100 - hydraulic feed kit	1042080
LWCH 100 - protection cover	1042079
LWCH 100 - trolley chassis	1042049

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

DRIVE	NR.
Hose package 5 pieces 8 m FD	1042063
On/Off valve for wire sawing	1042084

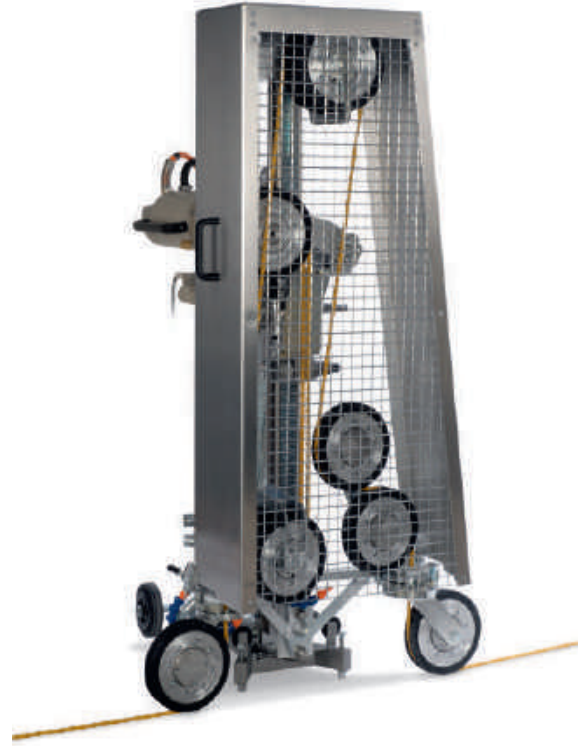


LWCE 200

- The wire saw with the extra large wire storage and long stroke for maximum utilisation and application for a maximum structure circumference of 11 m
- Finely adjustable feed rate 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
- 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.
LWCE 200 - drill rig CDR 500	1042097
LWCE 200 - wire saw kit incl. feed motor	1042106
LWCE 200 - electric main drive motor 400V/50Hz	1042102
[1] LWCE 200 - electric control unit 400/50 Hz incl. remote control	1042105
LWCE 200 - protection hood	1042099
LWCE 200 - trolley chassis	1042072
LWCE 200 - water lance 2.5 m	1042068

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







WSP 425 Ø 700

Prof-Diamant-Transachete für Beton
Professional diamond blade for concrete



LISSMAC
CONSTRUCTION TECHNOLOGY

BSP 201 Ø 700

Prof-Diamant-Transachete für Beton
Professional diamond blade for concrete



LISSMAC
CONSTRUCTION TECHNOLOGY

ASP 601 Ø 800

Prof-Diamant-Transachete für Asphalt
Professional diamond blade for asphalt



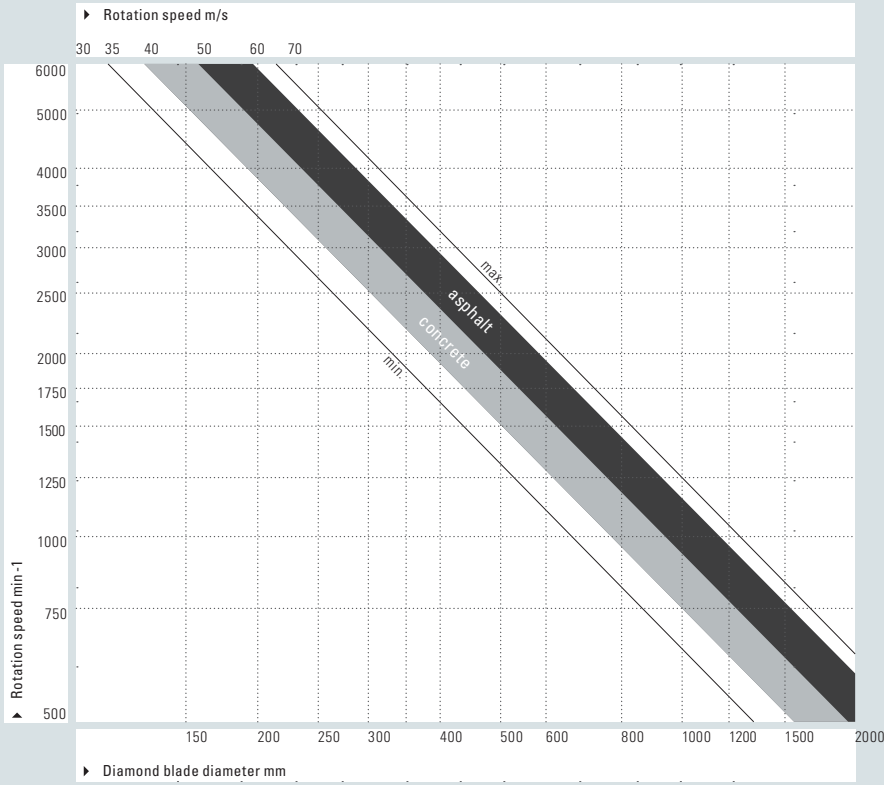
LISSMAC
CONSTRUCTION TECHNOLOGY

+ DIAMOND TOOLS

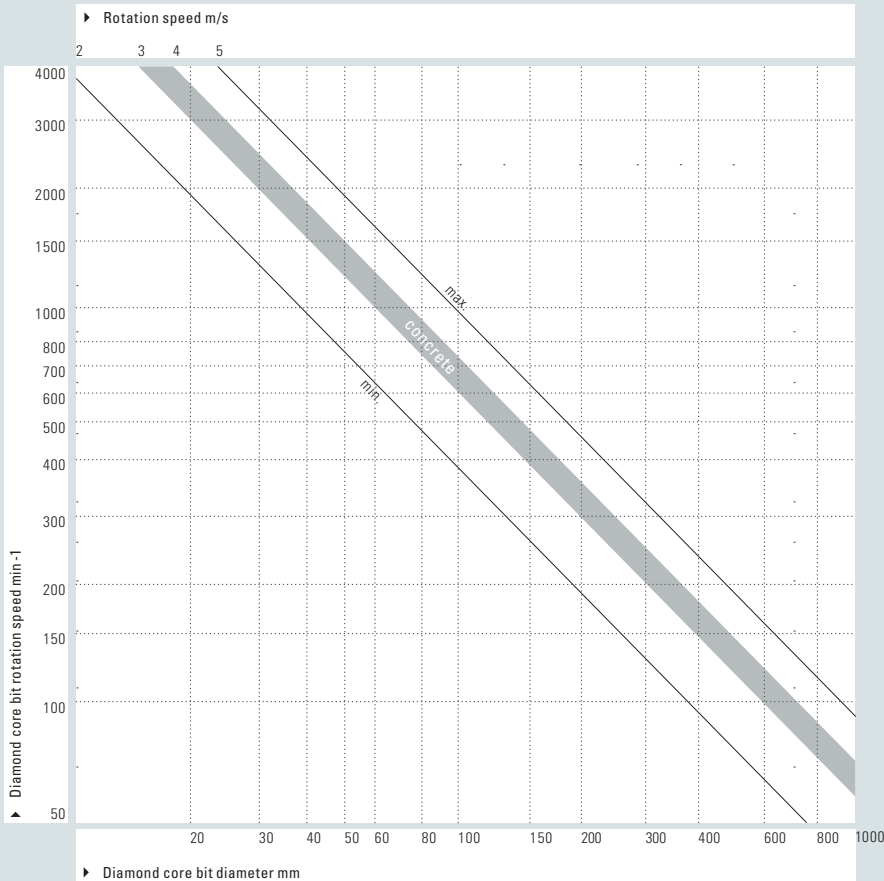
As a manufacturer of saw plants, floor saws and drilling machines as well as diamond tools we know what is important for good diamond tools. The best machine is just as good as its tool and the best tool is just as good as the machine where it is used. Only combining the two factors will guarantee high 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

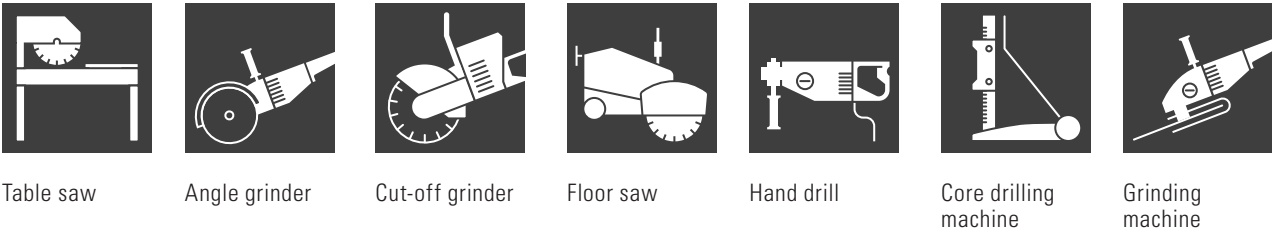
STEP 1 Which material do you want to work with?

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.

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

In our example, the ASW 11 is ideally suited.

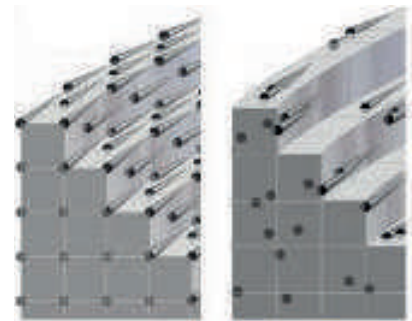
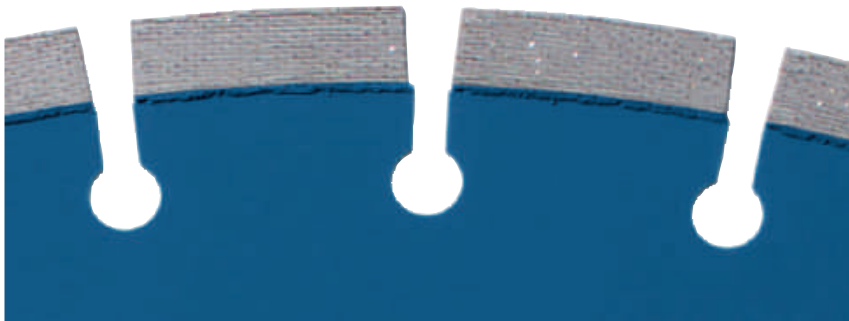
LISSMAC QUALITY TOOLS FOR PROFESSIONAL USE

- 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 solded 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	+++		++		88
ASP 601		•			25 - 70 kW	+++		++		88
ASP 701		•			30 - 60 kW	+++		++		89
ASP 703		•			40 - 80 kW	+++		++		89
ASP 801		•			> 80 kW	+++		++	+	90
ASTP 703		•			30 - 60 kW	+++		++		91
ASTP 801		•			30 - 80 kW	+++		++		91
BSP 101 E		•			7,5 - 15 kW		+++			92
BSP 102 E		•			7,5 - 22 kW		+++			92
BSP 201		•			10 - 15 kW		+++			93
BSP 301		•			15 - 25 kW		+++			93
BSP 401		•			20 - 60 kW		+++			94
BSP 501		•			40 - 70 kW		+++			94
BSP 601		•			60 - 80 kW		+++			95
BSP 602		•			25 - 60 kW		+++			95
BSP 701		•			> 80 kW		+++			96
BSP 702		•			> 80 kW		+++			96
FBSP 201		•			> 10 kW	++		++	+++	97
FBSP 301		•			> 10 kW	++		++	+++	97
FBSP 401		•			> 15 kW	++		++	+++	98
WSPX 100	•	•			5,5 - 12 kW		+++			98
WSP 3 E	•				< 25 kW		+++			99
WSP 501	•				< 15 kW		+++			99
WSP 601	•				10 - 22 kW		+++			100
WSP 701	•				> 20 kW		+++			100
BDSP				•			+++			101
Accessories				•			+++			101
BKP 301 Roof			•		< 5 kW		+++			102
BKP 401 Roof			•		< 5 kW		+++			103

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

DETENSO Silent core

SILENT Sandwich core

 Wet cutting

 Dry cutting

ASPHALT

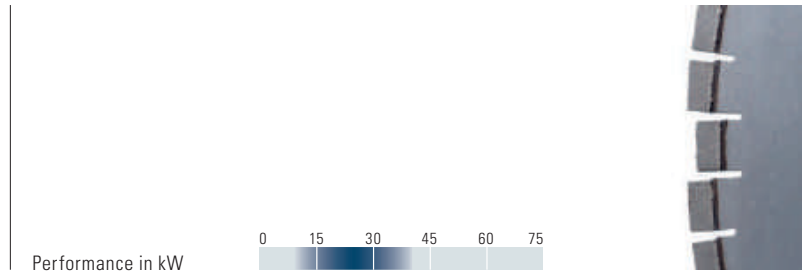
LASER-WELDED DIAMOND BLADES FOR ASPHALT

- 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

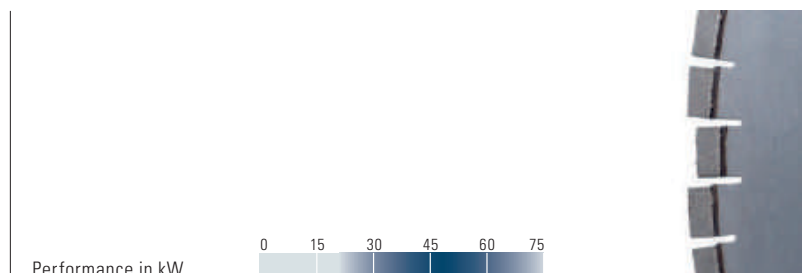


Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	24 x 3,2 x 12	38	35 - 25,4 mm	794845
400	24 x 3,2 x 12	42	35 - 25,4 mm	794846
450	24 x 3,8 x 12	48	35 - 25,4 mm	794847
500	24 x 3,8 x 12	54	35 - 25,4 mm	794848
600	24 x 4,8 x 12	66	35 - 25,4 mm	794850
700	24 x 4,8 x 12	76	35 - 25,4 mm	794852
800	24 x 4,8 x 12	88	35 - 25,4 mm	794853
1000	24 x 4,8 x 12	92	35 - 25,4 mm	794854
1200	24 x 4,8 x 12	106	35 - 25,4 mm	794855



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

ASP 601



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	24 x 3,2 x 10	38	35 - 25,4 mm	794856
400	24 x 3,2 x 10	42	35 - 25,4 mm	794857
450	24 x 3,8 x 12	48	35 - 25,4 mm	794858
500	24 x 3,8 x 12	54	35 - 25,4 mm	794859
600	24 x 4,8 x 12	66	35 - 25,4 mm	794861
700	24 x 4,8 x 12	76	35 - 25,4 mm	794863
800	24 x 4,8 x 12	88	35 - 25,4 mm	794864
1000	24 x 4,8 x 12	92	35 - 25,4 mm	794865
1200	24 x 4,8 x 12	106	35 - 25,4 mm	794866



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.
450	40 x 4,6 x 12	32	35 - 25,4 mm	794832
500	40 x 4,6 x 12	36	35 - 25,4 mm	794905
600	40 x 4,6 x 12	42	35 - 25,4 mm	794906
600	40 x 5,0 x 12	42	35 - 25,4 mm	1081103
700	40 x 4,6 x 12	46	35 - 25,4 mm	794908
800	40 x 4,6 x 12	52	35 - 25,4 mm	794909
1000	40 x 4,6 x 12	68	35 - 25,4 mm	794910
1200	40 x 4,6 x 12	78	35 - 25,4 mm	794911



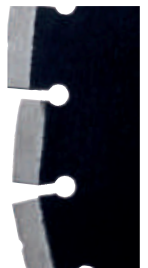
Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm

Further segment widths on demand

ASP 703



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
450	40 x 4,5 x 12	32	35 - 25,4 mm	1012042
500	40 x 4,5 x 12	36	35 - 25,4 mm	1081120
600	40 x 4,6 x 12	42	35 - 25,4 mm	1015148
700	40 x 4,5 x 12	46	35 - 25,4 mm	1015151
800	40 x 4,5 x 12	52	35 - 25,4 mm	1015152
1000	40 x 4,5 x 12	68	35 - 25,4 mm	1015153
1200	40 x 4,5 x 12	78	35 - 25,4 mm	1015154



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

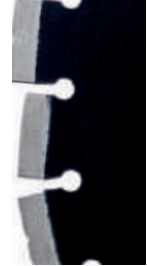
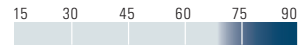
APPLICATION PARAMETERS:

- 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.
450	40 x 4,5 x 12	32	35 - 25,4 mm	794913
500	40 x 4,5 x 12	36	35 - 25,4 mm	794915
600	40 x 4,5 x 12	42	35 - 25,4 mm	794917
700	40 x 4,5 x 12	46	35 - 25,4 mm	794919
800	40 x 4,5 x 12	52	35 - 25,4 mm	794920
1000	40 x 4,5 x 12	68	35 - 25,4 mm	794921
1200	40 x 4,5 x 12	78	35 - 25,4 mm	794922



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

Further segment widths on demand

ASPHALT

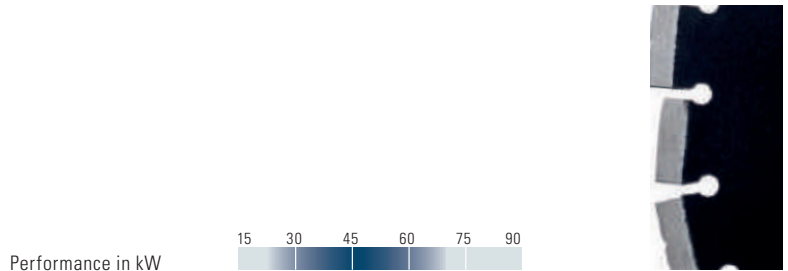
LASER-WELDED DIAMOND BLADES FOR DRY CUTTING IN ASPHALT

- 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



Recommended for COMPACTCUT 900 PT

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 4,5 x 12	24	25,4 mm	1063310

Auxiliary holes + divided circle: 1 NL 12 mm TK 57,4 mm + 6 NL 8 mm TK 92 mm countersunk (for counter rotation, right side)

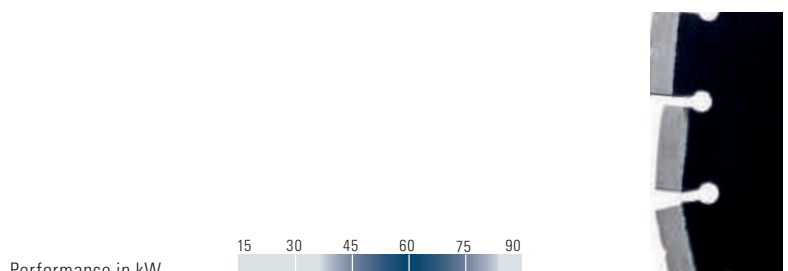
Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 4,5 x 12	24	35 - 25,4 mm	1016334

Auxiliary holes + divided circle: 1 NL 12 mm TK 57,4 mm + 6 NL 13 mm TK 120 mm

Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 4,5 x 12	24	35 - 25,4 mm	1031784

Auxiliary holes + divided circle: 1 NL 12 mm TK 57,4 mm + 6 NL 8 mm TK 92 mm countersunk (for counter rotation, right side)

ASTP 801



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 4,5 x 12	24	35 - 25,4 mm	1000690
400	40 x 4,5 x 12	28	35 - 25,4 mm	1000692
450	40 x 4,5 x 12	32	35 - 25,4 mm	1000660

Auxiliary holes + divided circle: 6 NL x 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

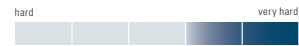
BSP 101 E



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
500	20 x 4,0 x 14	48	25,4 mm	1018239
500	20 x 4,5 x 14	48	25,4 mm	1018241
600	20 x 4,0 x 14	52	25,4 mm	1018242
600	20 x 4,5 x 14	52	25,4 mm	1018244
700	20 x 4,0 x 14	61	25,4 mm	1018245
700	20 x 4,5 x 14	61	25,4 mm	1018247
800	20 x 4,5 x 14	70	25,4 mm	1018248
1000	20 x 4,5 x 14	87	25,4 mm	1018249
1200	20 x 4,5 x 14	104	25,4 mm	1018250



Auxiliary holes + divided circle:

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

All segments also available in 5.0 mm

BSP 102 E



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
500	40 x 3,6 x 12	33	25,4 mm	1081106
600	40 x 4,0 x 12	42	25,4 mm	1081107
700	40 x 3,8 x 12	46	25,4 mm	1081108
800	40 x 3,8 x 12	52	25,4 mm	1081109



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

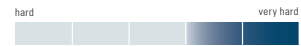
BSP 201



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
400	20 x 4,0 x 14	42	25,4 mm	794867
450	20 x 4,0 x 14	48	25,4 mm	794868
500	20 x 4,5 x 14	54	25,4 mm	794871
600	20 x 4,5 x 14	66	25,4 mm	794873
650	20 x 4,5 x 14	70	25,4 mm	794959
700	20 x 4,5 x 14	76	25,4 mm	794875
800	20 x 4,5 x 14	88	25,4 mm	794876
1000	20 x 4,5 x 14	92	25,4 mm	794877
1200	20 x 4,5 x 14	118	25,4 mm	794878



Auxiliary holes + divided circle:

6 NL x M6, versenkt, TK 92 mm + 6 x M8, versenkt, TK 125 mm
All segments also available in 5.0 mm

BSP 301



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
400	24 x 4,0 x 12	42	35 - 25,4 mm	794879
450	24 x 5,0 x 12	48	35 - 25,4 mm	794881
500	24 x 5,0 x 12	54	35 - 25,4 mm	794883
600	24 x 4,5 x 12	66	35 - 25,4 mm	1081117
650	24 x 4,5 x 12	70	35 - 25,4 mm	1081118
700	24 x 4,5 x 12	76	35 - 25,4 mm	794887
800	24 x 4,5 x 12	88	35 - 25,4 mm	794888
1000	24 x 5,0 x 12	102	35 - 25,4 mm	794889
1200	24 x 5,0 x 12	118	35 - 25,4 mm	794890



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

All segments also available in 5.0 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

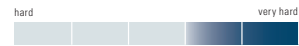
BSP 401



Performance in kW



Material hardness



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

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

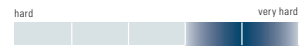
BSP 501



Performance in kW



Material hardness



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

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.
500	40 x 3,6 x 12	36	35 - 25,4 mm	794945
600	40 x 4,5 x 12	42	35 - 25,4 mm	794946
600	40 x 4,8 x 12	42	35 - 25,4 mm	794947
700	40 x 4,5 x 12	46	35 - 25,4 mm	794948
800	40 x 4,5 x 12	52	35 - 25,4 mm	794949
900	40 x 4,5 x 12	60	35 - 25,4 mm	794950
1000	40 x 4,5 x 12	68	35 - 25,4 mm	794951
1500	40 x 4,5 x 12	92	35 - 25,4 mm	1031389



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.
500	24 x 4,0 x 12	54	35 - 25,4 mm	1018252
500	24 x 4,5 x 12	54	35 - 25,4 mm	1018253
600	24 x 4,0 x 12	66	35 - 25,4 mm	1018254
600	24 x 4,5 x 12	66	35 - 25,4 mm	1018255
700	24 x 4,0 x 12	76	35 - 25,4 mm	1018258
700	24 x 4,5 x 12	76	35 - 25,4 mm	1018259
800	24 x 4,5 x 12	88	35 - 25,4 mm	1018260
1000	24 x 4,5 x 12	102	35 - 25,4 mm	1018261
1200	24 x 4,5 x 12	118	35 - 25,4 mm	1018262



Auxiliary holes + divided circle: 6 NL x Ø 14 mm, TK 120 mm
All segments also available in 5.0 mm

CONCRETE

LASER-WELDED DIAMOND BLADES FOR CONCRETE

· long segments for smooth cutting, longer life time

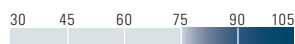
APPLICATION PARAMETERS:

- 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.
600	40 x 4,4 x 12	42	35 - 25,4 mm	794952
600	40 x 4,8 x 12	42	35 - 25,4 mm	1027463
700	40 x 4,8 x 12	46	35 - 25,4 mm	794953
800	40 x 4,8 x 12	52	35 - 25,4 mm	794954
1000	40 x 4,8 x 12	68	35 - 25,4 mm	794955
1200	40 x 4,8 x 12	78	35 - 25,4 mm	794956
1500	40 x 4,8 x 12	92	35 - 25,4 mm	1031387

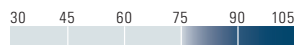


Auxiliary holes + divided circle: 6 NL x Ø 13 mm, TK 120 mm
Further segment widths on demand

BSP 702



Performance in kW



Material hardness



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
500	24 x 4,0 x 12	54	35 - 25,4 mm	1018263
500	24 x 4,5 x 12	54	35 - 25,4 mm	1018264
600	24 x 4,0 x 12	66	35 - 25,4 mm	1018265
600	24 x 4,5 x 12	66	35 - 25,4 mm	1018266
700	24 x 4,0 x 12	76	35 - 25,4 mm	1018269
700	24 x 4,5 x 12	76	35 - 25,4 mm	1018271
800	24 x 4,5 x 12	88	35 - 25,4 mm	1018272
1000	24 x 4,5 x 12	102	35 - 25,4 mm	1018273
1200	24 x 4,5 x 12	118	35 - 25,4 mm	1018274



Auxiliary holes + divided circle: 6 NL x Ø 14 mm, TK 120 mm
All segments also available in 5.0 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

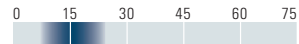
FBSP 201



UNIVERSAL FRESH CONCRETE



Performance in kW



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

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.
300	24 x 2,8 x 10	32	35 - 25,4 mm	794897
350	24 x 3,2 x 10	38	35 - 25,4 mm	794898
350	24 x 3,6 x 10	38	35 - 25,4 mm	794899
400	24 x 3,2 x 10	42	35 - 25,4 mm	794900
400	24 x 3,6 x 10	42	35 - 25,4 mm	794901
450	24 x 3,6 x 10	48	35 - 25,4 mm	794902
500	24 x 3,6 x 10	54	35 - 25,4 mm	794903

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



Performance in kW



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

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

WSPX 100



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	20,0 x 3,6 x 14	30	30,0 mm	1046856
400	20,0 x 3,6 x 14	36	30,0 mm	1046859
450	20,0 x 3,6 x 14	42	30,0 mm	1046860
530	20,0 x 3,6 x 14	50	30,0 mm	1046862

Auxiliary holes + divided circle: according to customer requirements

CONCRETE

LASER-WELDED DIAMOND BLADES FOR ELECTRICAL WALL SAWS

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

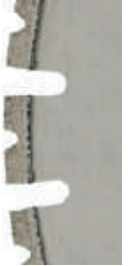
APPLICATION PARAMETERS:

- 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.
600	40 x 4,5 x 10	36	
600	40 x 5,0 x 10	36	
650	40 x 4,5 x 10	38	
700	40 x 4,5 x 10	40	
800	40 x 4,0 x 10	45	
800	40 x 4,7 x 10	45	
1000	40 x 4,5 x 10	56	
1000	40 x 5,0 x 10	56	

Auxiliary holes + divided circle: according to customer requirements

WSP 501



Performance in kW



Ø in mm	Segments (LxWxH)	No.	Article No.
500	24 x 4,0 x 12	54	
500	24 x 4,5 x 12	54	
600	24 x 4,0 x 12	66	
600	24 x 4,5 x 12	66	
650	24 x 4,0 x 12	70	
650	24 x 4,5 x 12	70	
700	24 x 4,0 x 12	76	
700	24 x 4,5 x 12	76	
800	24 x 4,5 x 12	88	
1000	24 x 4,5 x 12	102	
1200	24 x 4,5 x 12	118	

Auxiliary holes + divided circle: according to customer requirements
All segments also available in 5.0 mm

CONCRETE

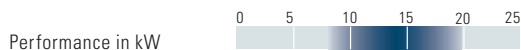
LASER-WELDED DIAMOND BLADES FOR ELECTRICAL WALL SAWS

- 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 601



Ø in mm	Segments (LxWxH)	No.
500	24 x 4,5 x 12	54
600	24 x 4,5 x 12	66
650	24 x 4,0 x 12	70
650	24 x 4,5 x 12	70
700	24 x 4,0 x 12	76
700	24 x 4,5 x 12	76
800	24 x 4,5 x 12	88
1000	24 x 4,5 x 12	102
1200	24 x 4,5 x 12	118



Auxiliary holes + divided circle: according to customer requirements
All segments also available in 5.0 mm

WSP 701



Ø in mm	Segments (LxWxH)	No.
500	24 x 4,5 x 12	54
600	24 x 4,5 x 12	66
650	24 x 4,0 x 12	70
650	24 x 4,5 x 12	70
700	24 x 4,0 x 12	76
700	24 x 4,5 x 12	76
800	24 x 4,5 x 12	88
1000	24 x 4,5 x 12	102
1200	24 x 4,5 x 12	118



Auxiliary holes + divided circle: according to customer requirements
All segments also available in 5.0 mm

CONCRETE



DIAMOND WIRE FOR THE PROFESSIONAL USE IN CONCRETE AND REINFORCED CONCRETE



BDSP 3

Material hardness



Description	beads / m	Article No.
BDSP 3	40	794199

BDSP 4

Material hardness



Description	beads / m	Article No.
BDSP 4	40	794200

ACCESSORIES

Accessory for diamond core bits

Description	Working length Ø in mm		Article No.
Ferrules	20 mm	10	791325
Ferrules	25 mm	8	791326
Kardan connector		10	791327

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



BKP 301 ROOF



LASER-WELDED DIAMOND DRILL BITS FOR CONCRETE



Material hardness



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
42	24 x 3,5 x 12	5	1 1/4"	450 mm	1029213
52	24 x 3,5 x 12	5	1 1/4"	450 mm	1026916
56	24 x 3,5 x 12	5	1 1/4"	450 mm	1031850
62	24 x 3,5 x 12	5	1 1/4"	450 mm	1026917
72	24 x 3,5 x 12	6	1 1/4"	450 mm	1026918
82	24 x 3,5 x 12	7	1 1/4"	450 mm	1026919
92	24 x 3,5 x 12	8	1 1/4"	450 mm	1026920
102	24 x 3,5 x 12	9	1 1/4"	450 mm	1026921
112	24 x 3,5 x 12	10	1 1/4"	450 mm	1026922
122	24 x 3,5 x 12	10	1 1/4"	450 mm	1026923
126	24 x 3,5 x 12	10	1 1/4"	450 mm	1053529
132	24 x 3,5 x 12	10	1 1/4"	450 mm	1026924
142	24 x 3,5 x 12	11	1 1/4"	450 mm	1026926
152	24 x 4,0 x 12	12	1 1/4"	450 mm	1026927
162	24 x 4,0 x 12	12	1 1/4"	450 mm	1026928
172	24 x 4,0 x 12	12	1 1/4"	450 mm	1026929
182	24 x 4,0 x 12	13	1 1/4"	450 mm	1026930
192	24 x 4,0 x 12	13	1 1/4"	450 mm	1026931
202	24 x 4,5 x 12	13	1 1/4"	450 mm	1026932
225	24 x 4,5 x 12	15	1 1/4"	450 mm	1026933
250	24 x 4,5 x 12	16	1 1/4"	450 mm	1026934
300	24 x 5,0 x 12	23	1 1/4"	450 mm	1026935



SEGMENTS BKP 301 ROOF



Ø in mm	Segments (LxWxH)	Article No.
37-47	20 x 3,0 x 12	1056525
48-67	24 x 3,5 x 12	1056526
68-99	24 x 3,5 x 12	1056545
100-139	24 x 3,5 x 12	1049515
140-182	24 x 4,0 x 12	1048865
182-272	24 x 4,5 x 12	1040295
> 250	20 x 5,0 x 12	1040297



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.
42	24 x 3,5 x 12	5	1 1/4"	450 mm	1029786
52	24 x 3,5 x 12	5	1 1/4"	450 mm	1018275
62	24 x 3,5 x 12	5	1 1/4"	450 mm	1018276
72	24 x 3,5 x 12	6	1 1/4"	450 mm	1018277
82	24 x 3,5 x 12	7	1 1/4"	450 mm	1018278
92	24 x 3,5 x 12	8	1 1/4"	450 mm	1018279
102	24 x 3,5 x 12	9	1 1/4"	450 mm	1018280
112	24 x 3,5 x 12	10	1 1/4"	450 mm	1018284
122	24 x 3,5 x 12	10	1 1/4"	450 mm	1018285
132	24 x 3,5 x 12	11	1 1/4"	450 mm	1018286
142	24 x 4,0 x 12	12	1 1/4"	450 mm	1018294
152	24 x 4,0 x 12	12	1 1/4"	450 mm	1018295
162	24 x 4,0 x 12	12	1 1/4"	450 mm	1018296
172	24 x 4,0 x 12	13	1 1/4"	450 mm	1018297
182	24 x 4,0 x 12	13	1 1/4"	450 mm	1018298
202	24 x 4,5 x 12	13	1 1/4"	450 mm	1018300
225	24 x 4,5 x 12	15	1 1/4"	450 mm	1018301
250	24 x 4,5 x 12	16	1 1/4"	450 mm	1018302
300	24 x 5,0 x 12	23	1 1/4"	450 mm	1018303



SEGMENTS BKP 401 ROOF



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





+ DIAMOND TOOLS - PREMIUM RANGE

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.

APPLICATION TABLE

PREMIUM

Tool type								Asphalt	Concrete	Natural stone	Ceramics	Sand-lime stone	Hard stone	Abrasive	Fresh concrete	Iron	Page
TL Abrasiv		•												+++			106
TL Poroton	•											+		+++			106
PSW 22	•											+		+++			107
PSWD 22	•											+		+++			107
KSWD 22	•											+++		+			107
KSP 201																	107
TL Asphalt			•	•				+++						+			108
TL Beton	•	•	•						+++					+			109
TL Beton Laser	•	•	•	•					+++								109
PR. TURBO	•								+++								110
PR. SILVER	•								+++								110
GSWD 10	•		•						++	++							111
GSWL 21	•								++	++							111
GSW 23	•	•	•						++	+++			+				111
TL Granit	•	•	•						++	+++							112
TL Turbo Univ.	•	•	•						++	++	++						112
KLSW 10		•	•						++	+++			++				113
GALA SPEZ.	•								++	+++							113
CHAMPION	•	•	•						++	++							113
FSW 20	•	•									++						114
TL Fliese	•	•									+++						115
ABSW 10	•	•	•									+		+++			116
FRSW 10																	116
- ASPHALT				•				+++									116
- BETON				•					+++								116
RSW 10																	117
- ASPHALT		•						+++						++			117
- BETON		•							+++					+			117
TL Asphalt				•				+++									117
TL Asphalt				•					+++								117
BSDW 10S									+++			+		+			118
BSDW 10									+++					+			118
PKDW 10														+++			119
TL Grinding discs																	119
- Abrasive		•						+						+++			119
- Concrete		•							+++					+			120
BSTW 40		•							+++	+				+			120
BKNW 12					•	•			+++								121
TL Core bits					•	•			++					+			122
TL Core edge sinkers					•				++					++			122
Accessories						•											123

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



Wet cutting



Dry cutting

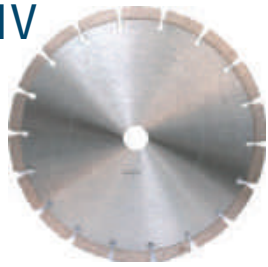
DETENSO

Silent core

SILENT

Sandwich core

TL ABRASIV



ABRASIVE

Diamond blades for abrasive materials



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



TL POROTON



POROTON

Diamond blades for Poroton and abrasive materials



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



PSW 22



ABRASIVE

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



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

PSWD 22



ABRASIVE

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



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

KSWD 22



SAND-LIME STONE

Sandwich-diamond blades for sand-lime stone



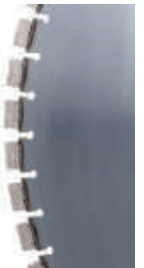
Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
700	40 x 4,6 x 10	50	60 - 55,0 mm	791343
900	40 x 4,8 x 10	64	60 - 55,0 mm	791344
1000	40 x 5,0 x 10	70	60 - 55,0 mm	791345

KSP 201



AUTOCLAVED AERATED CONCRETE BLOCKS

For AAC blocks stationary saws



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
600	24 x 7,0 x 10+2	60	60 - 55,0 mm	791343
800	24 x 7,0 x 10+2	80	60 - 55,0 mm	791344
900	24 x 7,0 x 10+2	102	60 - 55,0 mm	791345

TL ASPHALT



ASPHALT

Diamond blades for asphalt, with inclined protection segments



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



TL BETON



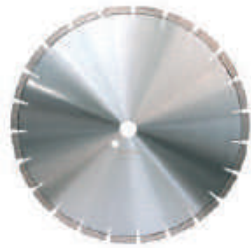
CONCRETE

Diamond blades for concrete and construction materials



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

TL BETON LASER



CONCRETE

Diamond blades for concrete, reinforced concrete and construction materials



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

PREMIUM TURBO



CONCRETE

Diamond blades for concrete



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
600	40 x 4,2 x 10	40	60,0 mm	1070174
650	40 x 4,4 x 10	43	60,0 mm	1070175
700	40 x 4,8 x 10	46	60,0 mm	1070177
800	40 x 4,8 x 10	52	60,0 mm	1070178
900	40 x 5,0 x 10	60	60,0 mm	1070179
1000	40 x 5,0 x 10	70	60,0 mm	1070180



PREMIUM SILVER



SILENT

CONCRETE

Sandwich-diamond blades
for concrete



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



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.
230	38 x 2,6 x 12	15	22,2 mm	1041898
350	40 x 3,2 x 12	23	25,4 mm	1041899
400	40 x 3,4 x 12	28	25,4 mm	1041900
450	40 x 3,6 x 12	32	25,4 mm	1041903

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.
230	20 x 2,6 x 12	26	22,2 mm	1070173
300	20 x 3,0 x 12	36	20,0 mm	790683
300	20 x 3,0 x 12	36	30 - 25,4 mm	790684
350	20 x 3,2 x 12	40	20,0 mm	790685
350	20 x 3,2 x 12	40	30 - 25,4 mm	790686
400	20 x 3,5 x 12	48	20,0 mm	790688
400	20 x 3,5 x 12	48	30 - 25,4 mm	790689
450	20 x 3,5 x 12	54	30 - 25,4 mm	790690

GSW 23



NATURAL STONE

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



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
230	40 x 2,8 x 12	16	22,2 mm	1070182
300	37 x 3,3 x 12	22	20,0 mm	1070183
300	37 x 3,3 x 12	22	25,4 mm	1070184
300	37 x 3,3 x 12	22	30 - 25,4 mm	1070185
350	40 x 3,2 x 12	24	20,0 mm	1070186
350	40 x 3,2 x 12	24	25,4 mm	1070187
350	40 x 3,2 x 12	24	30 - 25,4 mm	1070188
400	40 x 3,2 x 12	28	20,0 mm	1070189
400	40 x 3,2 x 12	28	25,4 mm	1070190

TL GRANIT



GRANITE

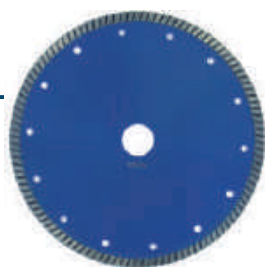
Diamond blades for granite,
natural and artificial stones



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



TL TURBO UNIVERSAL



GRANITE, CERAMICS

Diamond blades for granite, bricks,
ceramics, hard stoneware, fired tiles



Ø in mm	Segments (WxH)	Bore hole	Article No.
115	1,2 x 7,0	22,2 mm	791152
125	1,2 x 7,0	22,2 mm	791153
150	1,5 x 7,0	22,2 mm	791340
180	1,7 x 7,0	22,2 mm	791341
200	1,9 x 7,0	25,4 mm	791339
230	1,9 x 7,0	22,2 mm	791154
250	2,2 x 7,0	22,2 mm	791342
300	2,2 x 7,0	30-25,4 mm	791155
350	2,2 x 7,0	25,4 mm	791156



KLSW 10



CLINKER

Diamond blades for clinker and hard stone



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
300	40 x 2,5 x 10	21	20,0 mm	1015116
350	40 x 2,5 x 10	24	20,0 mm	1015117
400	40 x 3,0 x 10	28	25,4 mm	1070145

GALA SPEZIAL



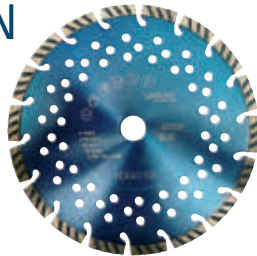
NATURAL STONE

Diamond blades for concrete, granite and natural stones



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
350	40 x 3,2 x 17	21	25,4 mm	1052627
400	40 x 3,6 x 17	24	25,4 mm	1052628

CHAMPION



CONCRETE

Diamond blades for concrete and natural stones



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
230	39 x 2,6 x 10	16	22,2 mm	790875
350	40 x 3,2 x 10	24	25,4 mm	790876

FSW 20



CERAMICS

Diamond blades for tiles and ceramics



Ø in mm	Segments (WxH)	Bore hole	Article No.
115	1,6 x 7,5	22,2 mm	790412
125	1,6 x 7,5	22,2 mm	790413
150	1,6 x 7,5	22,2 mm	790414
180	1,6 x 7,5	22,2 mm	790415
200	1,6 x 7,5	20,0 mm	790416
200	1,6 x 7,5	22,2 mm	790417
230	1,6 x 7,5	22,2 mm	790418
250	1,6 x 7,5	30,0 mm	790419
300	2,0 x 7,5	25,4 mm	790421
300	2,0 x 7,5	30,0 mm	790422
350	30 x 2,0 x 7,5	20,0 mm	790423
350	30 x 2,0 x 7,5	25,4 mm	790424
350	30 x 2,0 x 7,5	30,0 mm	790425



TL FLIESE



TILES

Diamond blades for tiles,
dutch tiles, ceramics



Ø in mm	Segments (WxH)	Bore hole	Article No.
115	1,8 x 7	22,2 mm	791124
125	1,9 x 7	22,2 mm	791125
150	2,0 x 7	22,2 mm	791126
180	2,0 x 7	22,2 mm	791127
200	2,0 x 7	22,2 mm	791128
230	2,2 x 7	22,2 mm	791129
250	2,2 x 10	25,4 mm	791130
300	2,2 x 10	25,4 mm	791131
350	2,4 x 10	25,4 mm	791132



FLIESEN-BOHRER



TILES

Hollow drills for tiles, stoneware,
natural stones

Ø in mm	Connection	Length	Article No.
20	M 14	64/45 mm	1070376
25	M 14	64/45 mm	1070377
35	M 14	64/45 mm	1070378
40	M 14	64/45 mm	1070379
45	M 14	64/45 mm	1070380
60	M 14	64/45 mm	1070381
68	M 14	64/45 mm	1070382



Diamond hollow drills case kit

1070383

ABSW 10



ABRASIVE

Diamond blades for abrasive materials, sand-lime stone



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



FRSW 10



ASPHALT

Diamond milling cutter for asphalt
10 mm wide



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



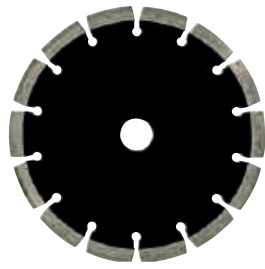
CONCRETE

Diamond milling cutter for concrete
10 mm wide

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



RSW 10



ASPHALT

Diamond crack milling cutter for asphalt



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

CONCRETE

Diamond crack milling cutter for concrete



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

TL ASPHALT



ASPHALT

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



Ø in mm	No.	Bore hole	Article No.
280	26	25,4 mm	1056502

TL ASPHALT

CONCRETE

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



Ø in mm	No.	Bore hole	Article No.
280	26	25,4 mm	1056504

BSDW 10S



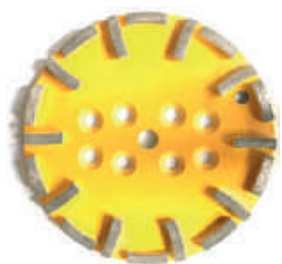
CONCRETE

Diamond grinding discs for
concrete and floor pavement



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
250	40 x 10 x 10	16	19 mm	1041842

BSDW 10



CONCRETE

Diamond grinding discs for
concrete and floor pavement



Ø in mm	Segments (LxWxH)	No.	Bore hole	Article No.
250	40 x 10 x 10	20	20 mm	1041843

PKDW 10



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



Ø in mm	Bore hole	Article No.
125	22,2 mm	1019117
180	22,2 mm	1041841

TL GRINDING DISCS



ABRASIVE

Diamond grinding discs for abrasive materials



Ø in mm	Type	Bore hole	Article No.
100	double row	22,2 mm	791187
125	double row	22,2 mm	791188
180	double row	22,2 mm	791189

TL GRINDING DISCS



CONCRETE

Diamond grinding discs for concrete



Ø in mm	Type	Bore hole	Article No.
100	single row	22,2 mm	791224
125	single row	22,2 mm	791225
180	single row	22,2 mm	791226

TL GRINDING DISCS



CONCRETE

Diamond grinding discs for concrete



Ø in mm	Type	Bore hole	Article No.
100	double row	22,2 mm	791133
125	double row	22,2 mm	791134
150	double row	22,2 mm	791199
180	double row	22,2 mm	791135

BSTW 40



CONCRETE

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



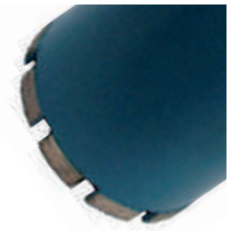
Ø in mm	Type	Bore hole	Article No.
125	block segments	22,2 mm	1049514
150	block segments	22,2 mm	1049515
180	block segments	22,2 mm	1049516

BKNW 12



CONCRETE

Diamond core bits
for concrete



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
52	24 x 3,5 x 8	5	1 1/4"	400 mm	1070210
62	24 x 3,5 x 8	6	1 1/4"	400 mm	1070211
72	24 x 3,5 x 8	7	1 1/4"	400 mm	1070212
82	24 x 3,5 x 8	8	1 1/4"	400 mm	1070213
92	24 x 3,5 x 8	9	1 1/4"	400 mm	1070214
102	24 x 3,5 x 8	10	1 1/4"	400 mm	1070215
112	24 x 3,5 x 8	10	1 1/4"	400 mm	1070216
122	24 x 3,5 x 8	11	1 1/4"	400 mm	1070217
132	24 x 3,5 x 8	11	1 1/4"	400 mm	1070218
142	24 x 3,5 x 8	12	1 1/4"	400 mm	1070219
152	24 x 4 x 8	13	1 1/4"	400 mm	1070220
162	24 x 4 x 8	13	1 1/4"	400 mm	1070221
172	24 x 4 x 8	13	1 1/4"	400 mm	1070222
182	24 x 4 x 8	14	1 1/4"	400 mm	1070223
202	24 x 4,5 x 8	15	1 1/4"	400 mm	1070225
225	24 x 4,5 x 8	16	1 1/4"	400 mm	1070226
250	24 x 4,5 x 8	17	1 1/4"	400 mm	1070227
300	24 x 4,5 x 8	17	1 1/4"	400 mm	1070228
350	24 x 4,5 x 8	17	1 1/4"	400 mm	3080012



Further diameters on demand

Inner Dia for laboratory application

Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
50	24 x 3,5 x 8	5	1 1/4"	400 mm	3080022
100	24 x 3,5 x 8	10	1 1/4"	400 mm	3080044
150	24 x 3,5 x 8	13	1 1/4"	400 mm	3080055



TL CORE BITS



Diamond core bits



Ø in mm	Segments (LxWxH)	No.	Connection	Working length	Article No.
40	24 x 3,5 x 9	4	1 1/4"	400 mm	791228
45	24 x 3,5 x 9	5	1 1/4"	400 mm	791229
52	24 x 3,5 x 9	5	1 1/4"	400 mm	791166
62	24 x 3,5 x 9	6	1 1/4"	400 mm	791168
72	24 x 3,5 x 9	7	1 1/4"	400 mm	791169
82	24 x 3,5 x 9	7	1 1/4"	400 mm	791170
92	24 x 3,5 x 9	8	1 1/4"	400 mm	791171
102	24 x 3,5 x 9	9	1 1/4"	400 mm	791172
112	24 x 4,0 x 9	10	1 1/4"	400 mm	791173
122	24 x 4,0 x 9	10	1 1/4"	400 mm	791174
127	24 x 4,0 x 9	10	1 1/4"	400 mm	791175
132	24 x 4,0 x 9	11	1 1/4"	400 mm	791176
142	24 x 4,0 x 9	11	1 1/4"	400 mm	791197
152	24 x 4,0 x 9	12	1 1/4"	400 mm	791177
162	24 x 4,0 x 9	12	1 1/4"	400 mm	791178
182	24 x 4,5 x 9	14	1 1/4"	400 mm	791180
200	24 x 4,5 x 9	15	1 1/4"	400 mm	791181
225	24 x 4,5 x 9	16	1 1/4"	400 mm	791184
232	24 x 4,5 x 9	16	1 1/4"	400 mm	791233
250	24 x 5,0 x 9	17	1 1/4"	400 mm	791185
270	25 x 5,0 x 9	19	1 1/4"	400 mm	791235
300	27 x 5,0 x 9	21	1 1/4"	400 mm	791236
350	28 x 5,0 x 9	23	1 1/4"	400 mm	791237



Further diameters on demand

TL CORE EDGE SINKERS



BRICKWORK

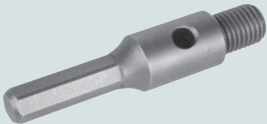


Diamond core edge sinker set -
incl. HEX connection, taper bit
and pilot drill bit

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



ACCESSORIES

Accessories for diamond core edge sinkers

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

ACCESSORIES

Accessory for diamond core bits



Description	Working length	Connection core bit	Article No.
Extension	100 mm	R 1/2"	794502
Extension	200 mm	R 1/2"	794503
Extension	300 mm	R 1/2"	794504
Extension	400 mm	R 1/2"	794505



Description	Working length	Connection core bit	Article No.
Extension	100 mm	1 1/4"	794310
Extension	200 mm	1 1/4"	794311
Extension	300 mm	1 1/4"	794506
Extension	400 mm	1 1/4"	794507
Extension	500 mm	1 1/4"	794508



Description	Connection machine	Connection core bit	Article No.
Adapter	M 16 Male	R 1/2" Female	-



Description	Connection machine	Connection core bit	Article No.
Adapter	1 1/4" Male	R 1/2" Male	790573



Description	Connection machine	Connection core bit	Article No.
Adapter	1 1/4" Female	R 1/2" Female	794552



Description	Connection machine	Connection core bit	Article No.
Adapter	W Female	1 1/4" Male	-



Description	Connection machine	Connection core bit	Article No.
Adapter	W Male	1 1/4" Female	-



Description	Connection machine	Connection core bit	Article No.
Adapter	R 1/2" Male	M18 Female	-



Description	Connection machine	Connection core bit	Article No.
Adapter	1 1/4" Muffe	3-holes	791306

LISSMAC CONSTRUCTION TECHNOLOGY



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.

Status 01/2002

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MORE INFORMATION



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