



RELLOK RSF 330 AND RSF 420 FLOOR SAW

The RSF 330 and RSF 420 are medium-class joint cutters with hydraulic feed. The machines, conceived as “walk-behind” units, are currently available in two versions.

The standard version is suitable for separate cuts and deep cuts in cured concrete or asphalt. The cutting roller speed has been optimized for blade diameter from 700-1000mm. This allows cutting depths of up to 380mm.

The fresh concrete machine is designed for blades of 300-500mm diameter and comes standard with a slurry suction unit and increased shaft speed.



RSF330 Technical Data	
Max cutting depth	380 mm
Blade diameter	700 - 1,000 mm
Speed of cutting arbor	1,200 Rpm
Bore hole of blade	35 mm + 6-hole on 120 mm pitch circle
Rotation direction of blade	Same direction
Input side of blade	Standht or left
Max mounting width	20 Mm
Blade drive	V-belt
Cutting depth adjustment	Hydraulic by rocker arm
Output drive motor	33 Kw (2300 rpm)
Type drive motor	Deutz d 2011 l 03 i (diesel)
Emission class	Ec-nrmm, stage iia / epa tier 2
Traction drive	Hydraulic by two-stage spur gear transmission
Auxillary hydraulic	25 L/min - 180 bar
Water pump	Hydraulic driven impeller pump
Aquifer system	Nozzles on the blade guard
Wheelbase	760 mm
Dimensions (without blade guard)	1,550 / 1,060 / 1,200 mm
Weight	1080 Kg

RSF420 Technical Data	
Max cutting depth	380 mm
Blade diameter	700 - 1,000 mm
Speed of cutting arbor	1,200 Rpm
Bore hole of blade	35 Mm + 6-hole on 120 mm pitch circle
Rotation direction of blade	Same direction
Input side of blade	Standht or left
Max mounting width	20 Mm
Blade drive	V-belt
Cutting depth adjustment	Hydraulic by rocker arm
Output drive motor	44.9 Kw (2300 rpm)
Type drive motor	Deutz dbf 2001 3L Turbo (diesel)
Emission class	Ec-nrmm, stage iia / epa tier 3
Traction drive	Hydraulic by two-stage spur gear transmission
Auxillary hydraulic	25 L/min - 180 bar
Water pump	Hydraulic driven impeller pump
Aquifer system	Nozzles on the blade guard
Wheelbase	760 mm
Dimensions	1,550 / 1,060 / 1,200 mm
Weight	1020 Kg

RELLOK RSF 360

The RSF 360 are floor cutters in the middle performance segment. They are designed as a so-called “walk behind” machine, the operator goes behind the machine when cutting.

The extremely compact design, comfortable operation and good performance values make them universally applicable cutting tools that should not be missing in the machinery of professional service providers.

The floor saws are powered by Deutz diesel engines. The cutting shaft speed is designed for blade diameters from 500 to 1,200 mm.



RELLOK RSF 620 FLOOR SAW

Designed for maximum performance combined with maximum user comfort. All of the machine’s working functions (cutting shaft drive, blade excavation and lowering, drive system, steering system) are driven by an efficient hydraulic unit.

A standard feature is the powerful auxiliary hydraulic, for connecting additional equipment like a slurry suction device.

All control functions are electrical or mechanical. There is no need to use maintenance-intensive cables. There is easy access to all maintenance and service areas, through the side covers that can be removed without using tools. Also the coarse and fine filter cartridges of the dry air filter can be exchanged or cleaned without the need for tools.



RSF360 Technical Data	
Max cutting depth	490 mm
Max Blade diameter	1200 mm
Speed Control	3 Steps
Locating Hole Sheet	35mm
Shooting Page Sheet	Right/Left
Cutting Depth Adjustment	Hydraulic
Leaf Removal (Swivel Arm)	Max 640mm
Power drive motor	36 kW
Type drive motor	Deutz D 2011 L3i 3 cyli. (Diesel)
Emission Level	EC-NRMM Stage IIIA / EPA Tier 3
Traction drive	Stepless Feed
Contents Fuel Tank	30 L
Water pump	Electric/Hydraulic
Water Flow	about leaf protection
Wheelbase	550 mm
Dimensions	1,250/977/1,115mm
Weight	About 870 Kg

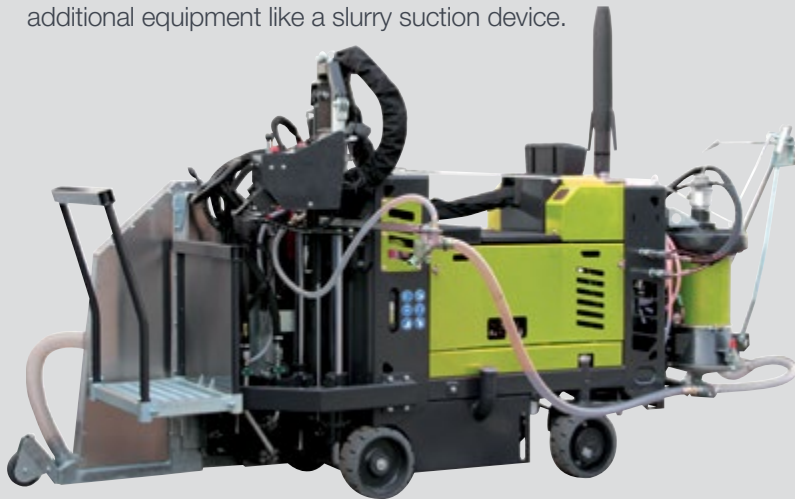
Technical Data	
Max cutting depth	480 Mm
Blade diameter	350 - 1.200 Mm
Speed of cutting arbor	930 - 2500 Rpm continuous
Bore hole of blade	35mm+6-hole on 120 mm pitch circle
Input side of blade	Standht or left
Rotation direction of blade	Same/counter direction switchable
Max mounting width	20 mm
Blade motor	Hydraulic cylinder 107cm³
Cutting depth adjustment	Central hydraulic cylinder
Type drive motor	Perkins 1104d-44t (turbo diesel)
Contents fuel tank	85 L
Uninterruptible work time	5 H (full load)
Emission class	Ec-nrmm, stage iia / epa tier 3
Traction drive continuous	Hydraulic whell hub motors
Auxiliary hydraulic	35 L/min - 180 bar
Water pump	Hydraulic driven impeller pump
Aquifer system	Cutting roller -> blade flanges
Turn radius	6,300 mm
Wheel base	730 mm
Dimensions	2,250/1,070/2,100mm
Weight	1,600 Kg

RELLOK RSF 750 FLOOR SAW

The fully-hydraulic floor saws are designed for maximum performance combined with maximum user comfort. All of the machine's working functions (cutting shaft drive, blade excavation and lowering, drive system, steering system) are driven by an efficient hydraulic unit.

The drive motors are mounted on an extremely torsion resistant U-frame, and are mounted in rubber to reduce unhealthy vibration. An intelligent protection function switches off the engine in case of malfunction, protecting the unit from possible damages.

A standard feature is the powerful auxiliary hydraulic, for connecting additional equipment like a slurry suction device.



Technical Data	
Max cutting depth	625 mm
Blade diameter	350 - 1.500 mm
Speed of cutting arbor	700 - 2500 Rpm continuous
Bore hole of blade	35 Mm+ 6-hole on 120 mm pitch circle
Input side of blade	Standht or left
Rotation direction of blade	Same / counter direction switchable
Max mounting width	20 Mm
Blade motor	Hydraulic cylinder 160 cm³
Cutting depth adjustment	Central hydraulic cylinder
Type drive motor	Perkins 1104d-44t (turbo diesel)
Contents fuel tank	85 L
Uninterpretable work time	5 H (full load)
Emission class	EC-NRMM, stage IIIA / EPA TIER 3
Traction drive continuous	Hydraulic wheel hub motors
Auxiliary hydraulic	37.9 L/min - 180 bar
Water pump	Hydraulic driven impeller pump
Aquifer system	Cutting roller -> blade flanges
Turn radius	6,300 mm
Wheel base	730 mm
Dimensions	2,250 / 1,070 / 2,100 mm
Weight	1,800 Kg

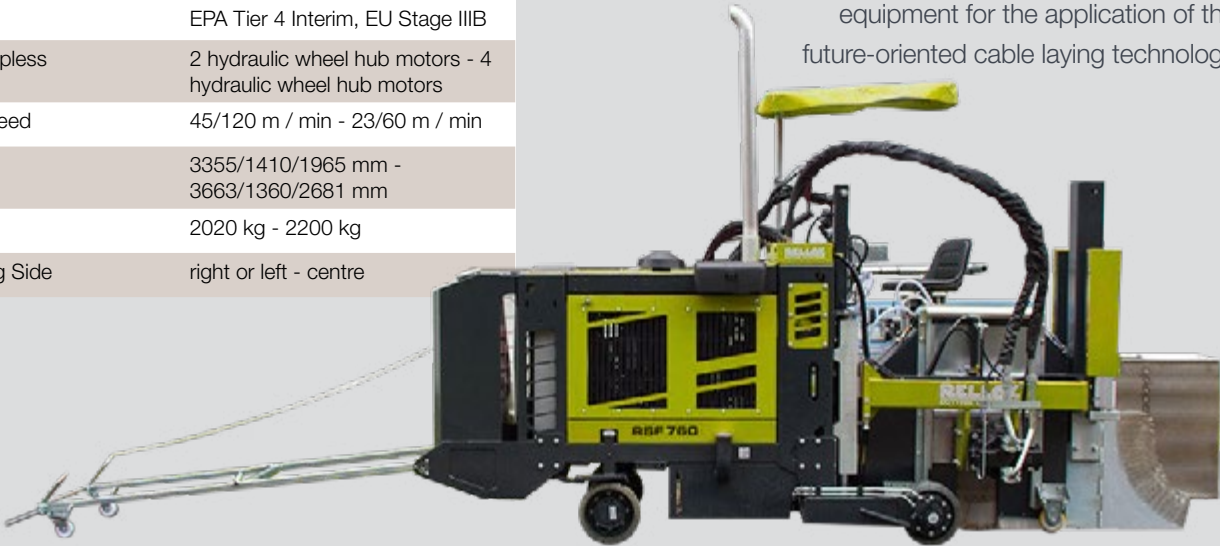
RELLOK RSF 760 FLOOR SAW

The RSF 760 is a system that can be equipped with various mounting kits for joint cutting, depending on the application requirement. The mobile and steerable basic machine supplies the attachments with hydraulic power and at the same time serves to control and monitor the entire system. An efficient auxiliary hydraulic system allows the connection of further hydraulically driven machines.



RSF360 Technical Data	
Power drive motor	74.5 kW
Type drive motor	Perkins 4-Cylinder TD 845E
Emission Level	EPA Tier 4 Interim, EU Stage IIIB
Main Hydraulic Flow Rate/ Pressure	123 l / min / 380 bar
Traction drive	Hydraulic/Stepless
Driving Speed (work/empty)	0-12 m / min / 0-60 m / min
Turning Cycle	6.3 m
Water pump	Impeller/Hydraulic
Contents Fuel Tank	80 L
Weight	1482 Kg

Technical Data RSF 760 MTS - RSF 760 MTM 4x4	
Max cutting depth	380 mm
Blade diameter	1000 mm
Locating Hole Sheet	35 mm + 6 holes on TK 120 mm
Max Cutting Width	40mm
Blade Drive	Huydraulic
Speed Cutting Shaft	700 - 2500 rpm stepless
Direction of Rotating Sheet	DC / reverse switchable
Raise/Lower Blade/Blade Guard	electrohydraulically
Drive Motor Type	Perkins Turbodiesel 854E-E34TA
Power Drive Motor	74.5 kW
Emission Level	EPA Tier 4 Interim, EU Stage IIIB
Travel Drive Stepless	2 hydraulic wheel hub motors - 4 hydraulic wheel hub motors
Max Driving Speed	45/120 m / min - 23/60 m / min
Dimensions	3355/1410/1965 mm - 3663/1360/2681 mm
Weight	2020 kg - 2200 kg
Sheet Receiving Side	right or left - centre



RELLOK RSF 1750 FLOOR SAW



RELLOK MICROTRENCHINE TECHNOLOGY

Microtrenching is a non-destructive and very fast method of laying communication cables in existing traffic areas.

Diamond-cutting discs cut wide joints into the surfaces. Directly after the cut, cables are inserted and then the joint is potted. Time and cost-intensive earthworks at the edge of the traffic areas are thus avoided or minimized.

With the fully hydraulic micro-screening machines RSF 760 MTS and RSF 760 MTM 4x4, RELLOK provides the special equipment for the application of this future-oriented cable laying technology.

Technical Data	
Grinding Width	1000mm
Max Grinding Depth	20-30mm (350mm Blade)
Max Speed	2620 min-1
Cutting Discs Recording	Ø 203 mm with 2 keyways
Grinding Shaft Drive	Mechanically, switchable via friction clutch
Engine Type	Deutz TCD 6.1 L06 6 cylinders, turbo diesel
Engine Power	180 kW
Emission Level	US EPA Tier 4 final
Power Unit	hydraulically via 2 wheel gearboxes
Feed Rate	Max. 60 m / min (empty travel) max. 5 m / min (working trip)
Diesal Fuel	470 l
Hydraulic Oil Min/Max	60/70 l
Drive Pump/Delivery	hydraulic /5 m³ / h at 3 bar
Required water - grinding	approx. 35 l / min
Sludge Drive Turbine	Hydraulic
Delivery Capacity Turbine	2000 m³ / h
Slurry Pump	hydraulically driven hose pump
Max Suction Power	6 m³ / h
Sludge Intake	2 suction boxes front & behind grinding shaft
Dimensions	5800 x 2900 x 2200mm
Weight	about 7200Kg

RELLOK RSF 90 FLOOR SAW

The RSF 90 is a compact floor saw for light cuts and repair jobs in asphalt or concrete surfaces. In designing the machine we paid special attention to stability and durability. This makes the RSF 90 suitable as small equipment for the fleet of professional cutting services or tool rentals.



Technical Data	
Max. Cutting depth	200 mm
Blade/bevel disk	350 - 500 mm
Cutting shaft	2660 rpm
Receiving bore	254 mm
Intake side blade	standht or left
Direction of blade rotation	ganging
Max. clamping width	10 mm
Cutting shaft drive	V-belt 3x XPZ 875 direct
Cut/-lowering	Manually via linkage
Drive engine	8.7 kW at (3,600 rpm)
Drive engine	Honda GX-390
Engine start	Recoil start
Petrol tank	6.1L
Feed rate	Manual
Water tank	20L
Dimensions*	1,200 / 610 / 1,070
Weight	120 kg

RELLOK RSP90 BEVELING MACHINE

Before the sealing can be poured into the joint, the edges of the joint have to be chamfered. This prevents the joint edges from breaking off under the load of traffic. For this job we offer the RSP90 beveling machine to professional contractors. This machine uses two diamond beveling blades to bevel joints up to 30 mm wide.



Technical Data	
Max. cut/bevel depth	40mm
Blade diam.	200-300mm
Cutting shaft speed	3800rpm
Receiving bore blade disc	25.4mm
Intake side blade disc	standht
Direction of blade rotation	ganging
Max. mounting width	30mm
Cutting shaft drive	V-belt 3x XPZ 875 direct
Cut/lowering	manually by hand crank
Engine output	8.7kW (3600rpm)
Engine type	Honda GX-390
Engine start	Recoil start
Tank capacity	20 litre
Dimensions w/out blade guard	1250/610/1070mm
Weight	120kg

RSB120 JOINT BRUSHING MACHINE

The rotating brush (rotates in reverse direction), raises loose material from inside of the joint, such as slurry or small stones, to the front. The result is a largely dust-free joint, which forms the basis for the durability of the sealing compound to be poured into the joint in the next step.

Lateral steering movements are realized by a 360 degree swivel roll that is centrally located in front of the machine. This enables the machine to easily set up on the joint and to also be move inside the joint. Center of rotation is the rear axle.

For moving the RSB120 between two cuts, it can be tilted back onto another steering roller, which is attached to the frame. By doing this, the adjusted brushing depth can be maintained.

FEATURES

- High-performance, low-vibration 2-cylinder drive motor
- Depth adjustment by means of a rocker system
- Large sized hand crank for depth adjustment, 8-fold adjustable
- Extra wide push handle with emergency stop, mounted in rubber bearings
- Low noise, sound power level is only 102 dB
- Slurry box for collection of all removed materials.

Technical Data	
Max. brushing depth	90mm
Diameter of brush	250-300mm
Speed of cutting roller	2890rpm
Bore hole of brush	20mm
Input side of brush	standht or left
Rotation direction of brush	counter direction
Max. mounting width	30mm
Drive of brush	V-belt 3x XPZ direct
Cutting depth adjustment	Manual by hand crank
Output drive motor	12kW (3600rpm)
Type of drive motor (petrol)	Bstandgs & Stratton Vanguard OHV 16HP
Motor start	Rope start
Feed	Manual
Dimensions* (l/w/h/)	1300 / 600 / 970mm
Weight	125kg



EE2 SEMI EARLY ENTRY SAW

The compact designed, lightweight, multipurpose saw allowing for control joints cutting in green concrete, decorative cutting and light slab demolition.

Model - EE2-R	
Engine Type	Petrol, Robin EX17
Power kw/hp	4.2 / 5.7
Cutting Depth mm / in	82.6 / 3.25
Blade size (in)	10"
Operation weight kg	47
Model - EE2-H	
Engine Type	Petrol, Honda GX200
Power kw/hp	4.8 / 6.5
Cutting Depth mm / in	82.6 / 3.25
Blade size (in)	10
Operation weight kg	50

FEATURES

- Prevent random cracking and premature joint failure
- Lightweight yet heavy-duty construction
- 10"blade capacity for a 3 "depth of cut
- VACUUM NOZZLE hook-up on blade guard
- Suitable for CONTROL JOINT CUTTING in green concrete and DECORATIVE CUTTING in cured concrete, LIGHT SLAB DEMOLITION in cured concrete and asphalt
- Saws stand to the edge of walls and columns
- Center blade mount design for straight line cutting
- REAR POINTER drops into cut to ensure straight cutting
- Adjustable handle height for operator comfort.
- Tough POLYURETHANE WHEELS assembled with sealed ball bearings for absorbing vibration and riding smoothly on all surfaces
- Standard " blade arbor
- EASY CRANK for raising/lowering cutting depth



SP1G SLAB SAVER

The SP1G is the ideal 'green concrete' control joint flat saw. It is a lightweight, very compact diamond saw specifically engineered to provide precision blade tracking, accurate raise/lower operations, positive sawing depth control and excellent dust evacuation. The 10" Concrete PUSH saw is powered by a Honda GX200 Gas Engine.

Technical Data	
Power Source	5.5HP Honda GX200 with Cyclone Air Filtration System
Blade Capacity	254 mm
Cutting Depth	83 mm
Dimensions (L x W x H)	864 x 1041 x 330 mm
Weight	47 kg

FEATURES

- Die-cast aluminum frame for strength and resistance to flexing to ensure support to true tracking and sawing performance.
- Adjustable telescopic handlebar assembly is designed with a unique anti-vibration system for operator comfort.
- Powerful HONDA GX200 gasoline engine with cyclone air filtration for trusted performance.
- Rigid pointer assembly to assist in accurate saw control and tracking.

Single-throw raise/lower assembly with integrated depth indicator and positive locking depth stop for accurate in-and-out of cut control



Unique blade guard design ensures safe blade coverage plus provides the dynamic directional point for cutting products so they can be controlled and removed.



Precision blade control is supported by a CNC machined, double sealed blade shaft bearing assembly made from 12L14 high tensile strength steel that is zinc plated.



FS-500 FLOOR SAW

FEATURES:

- Just 20" (500mm) maximum blade size allowing 210mm depth of cut.
- Bracket is included for lifting the water tank for easy transportation
- Blade coolant: Water supply connector and valve on blade guard
- Depth of cut indicator can be adjusted for different diameter blades
- Slip-on blade guard left or right side sawing
- Screw feed raise and lower
- Built in depth indicator
- Light weight easy for 2 people to lift and carry
- Poly V-belt for optimal transmission of power
- Heavy duty design makes this economical saw a favourite for small to medium size jobs

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Technical Data

Engine Type	Honda GX 390
Power	13 Hp
Arbor Size	25.4 mm
Depth of Cut	190 mm
Blade Speed	2800 RPM
Blade Capacity	500 mm
Water Tank	25 L
Weight	152 Kg
Dimensions	1320 x 630 x 1280 mm

