

UNICUT 520

LISSMAC
CONSTRUCTION TECHNOLOGY

FULLY HYDRAULIC PRECISION FLOOR SAW FOR PROFESSIONAL USE

- Multifunctional joystick for ease of operation
- Electro hydraulic steering system - optimal hydraulic cycle for improved saw blade power transmission
- Drive motor and saw blade speed are electro-hydraulically controlled for ideal saw blade cutting speed on various applications
- Optimal weight distribution due to low center of gravity
- Large fuel tank for reduced downtime
- Quick changeover from left to right-hand cutting - can be pivoted by 180°
- Large, non-marking drive wheels
- Stepless hydraulic height adjustment of the blade guard, independent of saw motor.
- Slanted cuts from inside to outside or vice versa, up to 15 degrees
- Motorhousing with saw blade mount can be moved sideways by 100 or 200 mm, as well as up and down by 150 mm.
- Compact and user friendly design, suitable for pushed as well as pulled cuts, adjustable seating position.
- All settings are controlled via the display on the centrally located operating panel, which also displays the engine parameters.
- Easy access for routine maintenance work (air filter, battery, oil and fuel filter).
- The UNICUT 520 complies with the current emission regulations EU Stage IIIB Flex



UNICUT 520
Picture incl. blade guard



[1] VACUUM-WET 500



[2] VACUUM-DRY 500



[3] Remote control



[4] Warning flasher



[5] Collateral cutting unit



[6] Drill unit



[7] Tandem longitudinal cutting unit



[8] Grooving unit

TECHNICAL DATA	UNICUT 520
cutting depth max.	630 mm
saw blade Ø max.	1500 mm
saw blade holder	35 mm (6 x M12 - TK120 mm)
traction drive forward	hydraulic stepless 0-25 m/min
traction drive reverse	hydraulic stepless 0-60 m/min
drive motor	DEUTZ turbo diesel 4-cylinder
output power max.	74.4 kW / 101 hp
emission level	EU Stufe IIIB Flex
saw blade speed	600-2900 1/min.
dimensions (L/W/H)	2400/1000/1650 mm
weight	1990 kg
steering	electro-hydraulic
left/right cut	yes

FLOOR SAWS	NR.
UNICUT 520 without diamond blade, without blade guard	1028270

SAW BLADE MOTORS	NR.
variable displacement motor 160 cm ³ (600 -2900 1/min.)	1026133
variable displacement motor 107 cm ³ (1200 -2900 1/min.)	1028268

ACCESSORIES	NR.
[1] UNICUT 520 - suction unit VACUUM-DRY 500	818204
[2] UNICUT 520 - suction unit VACUUM-DRY 500	818205
UNICUT 520 - blade guard 800 mm	818079
UNICUT 520 - blade guard 1000 mm	818080
UNICUT 520 - blade guard 1200 mm	818081
UNICUT 520 - blade guard 500 mm incl. vacuum shoe	818153
UNICUT 520 - blade guard 1000 mm incl. vacuum shoe	818083
UNICUT 520 - blade guard 1200 mm incl. vacuum shoe	818072
UNICUT 520 - blade guard 1500 mm incl. vacuum shoe	818162
UNICUT 520 - blade guard 400 mm incl. vacuum shoe for dry cutting	1038886
[3] UNICUT 520 - remote control	1040910
UNICUT 520 - spot-light LED 12 V	1040256
[4] UNICUT 520 - warning flasher	816002
UNICUT 520 - water pump set incl. water filter	813046
[5] UNICUT 520 - collateral cutting unit	1028267
[6] UNICUT 520 - drill unit	818208
[7] UNICUT 520 - tandem longitudinal cutting unit	818154
[8] UNICUT 520 - grooving unit and blade guard	-
UNICUT 520 - vacuum shoe for grooving unit	-
UNICUT 520 - seat modification kit for pushed cuts	1018150
UNICUT 520 - diesel particulate filter incl. mounting	1018455
UNICUT 520 - individual color	910050