

# UNICUT 520

## FULLY HYDRAULIC PRECISION FLOOR SAW FOR PROFESSIONAL USE

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



UNICUT 520  
Picture incl. blade guard with vacuum shoe



[ 1 ] VACUUM-WET 500



[ 2 ] Blade guard incl. vacuum shoe



[ 3 ] Remote control



[ 4 ] Hydraulic steering wheel



[ 5 ] Collateral cutting unit



[ 6 ] Drill unit



[ 7 ] Tandem longitudinal cutting unit



[ 8 ] Grooving unit

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

<b>FLOOR SAWS</b>	<b>NR.</b>
UNICUT 520 without diamond blade, without blade guard	1028270
<b>SAW BLADE MOTORS</b>	<b>NR.</b>
variable displacement motor 160 cm <sup>3</sup> (600 -2900 1/min.)	1026133
<b>ACCESSORIES</b>	<b>NR.</b>
[ 1 ] UNICUT 520 - suction unit VACUUM-WET 500	818204
UNICUT 520 - blade guard 800 mm	818079
UNICUT 520 - blade guard 1000 mm	818080
UNICUT 520 - blade guard 1200 mm	818081
[ 2 ] UNICUT 520 - blade guard 500 mm incl. vacuum shoe	818153
[ 2 ] UNICUT 520 - blade guard 1000 mm incl. vacuum shoe	818083
[ 2 ] UNICUT 520 - blade guard 1200 mm incl. vacuum shoe	818072
[ 2 ] UNICUT 520 - blade guard 1500 mm incl. vacuum shoe	818162
[ 3 ] UNICUT 520 - remote control	1040910
UNICUT 520 - spot-light LED 12 V	1040256
UNICUT 520 - warning flasher	816002
[ 4 ] UNICUT 520 - hydraulic steering wheel	-
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	1034658
UNICUT 520 - seat modification kit for pushed cuts	1018150
UNICUT 520 - diesel particulate filter incl. mounting	1018455