

PAVEMENT GROOVER & GRINDER

Grinding

Surface grinding serves to produce a well-defined roughness to guarantee optimum road grip for vehicles. Another application of the process is acoustic grinding. This involves selecting a cutting shaft which will yield a corrugation pattern to help reduce road noise.

Grooving

The cutting of corrugated profiles for the purpose of draining water away from road surfaces is called grooving. This process is not exclusive to road traffic surfaces, but is also used on aviation traffic surfaces. In addition to improving water drainage, it increases the surface area of the road and thereby allows it to dry faster.

Bump Cutting

Plane surface grinding is also referred to as bump cutting. This smooths out any unevenness that may occur during the manufacturing process or as a result of surface wear. By reducing the grinding shaft amplitude, the process can also be applied to smooth out small height differences (edges) between surfaces.

TECHNICAL DATA	
Grinding width	1270 mm (optional 1400 mm)
Saw blade Ø	485 / 350 mm incl. modification kit
Saw blade speed min. / max.	1315 / 1900 U/min.
Cutting disc seat	Ø 20,32cm with parallel keys
Grinding shaft drive	mechanical gearshift with hydraulic friction clutch
Drive type	hydraulic - via 2 pairs of gears
Feed rate	max. 72m/min (idle)
Diesel fuel	940 l
Hydraulic oil	264 l
DEF	27 l
Length / Width / Height	9,2 / 2,4 / 2,9 m
Weight	21 t / max. capacity: 23 t
Engine type	Diesel
Rating	575 PS / 2100 1/min
Emission standard	Stage 5
Drive pump	Hydraulic
Drive turbine	Hydraulic
Slurry pump	Peristaltic pump with hydraulic drive
Slurry intake	Suction box above the cutting shaft
Seating position	On the side of the machine
Driving functions	Joystick

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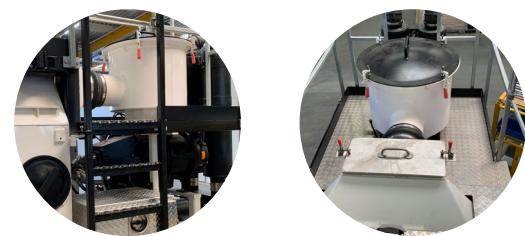


PAVEMENT GROOVER & GRINDER

IDEAL FOR THE SURFACE TREATMENT OF ROADS AND AIRPORT RUNWAYS

CE CERTIFIED

- Safe ascent due to slip-proof access ladder
- Wide and non-slip catwalk on the machine



- High railing ensures a high level of safety



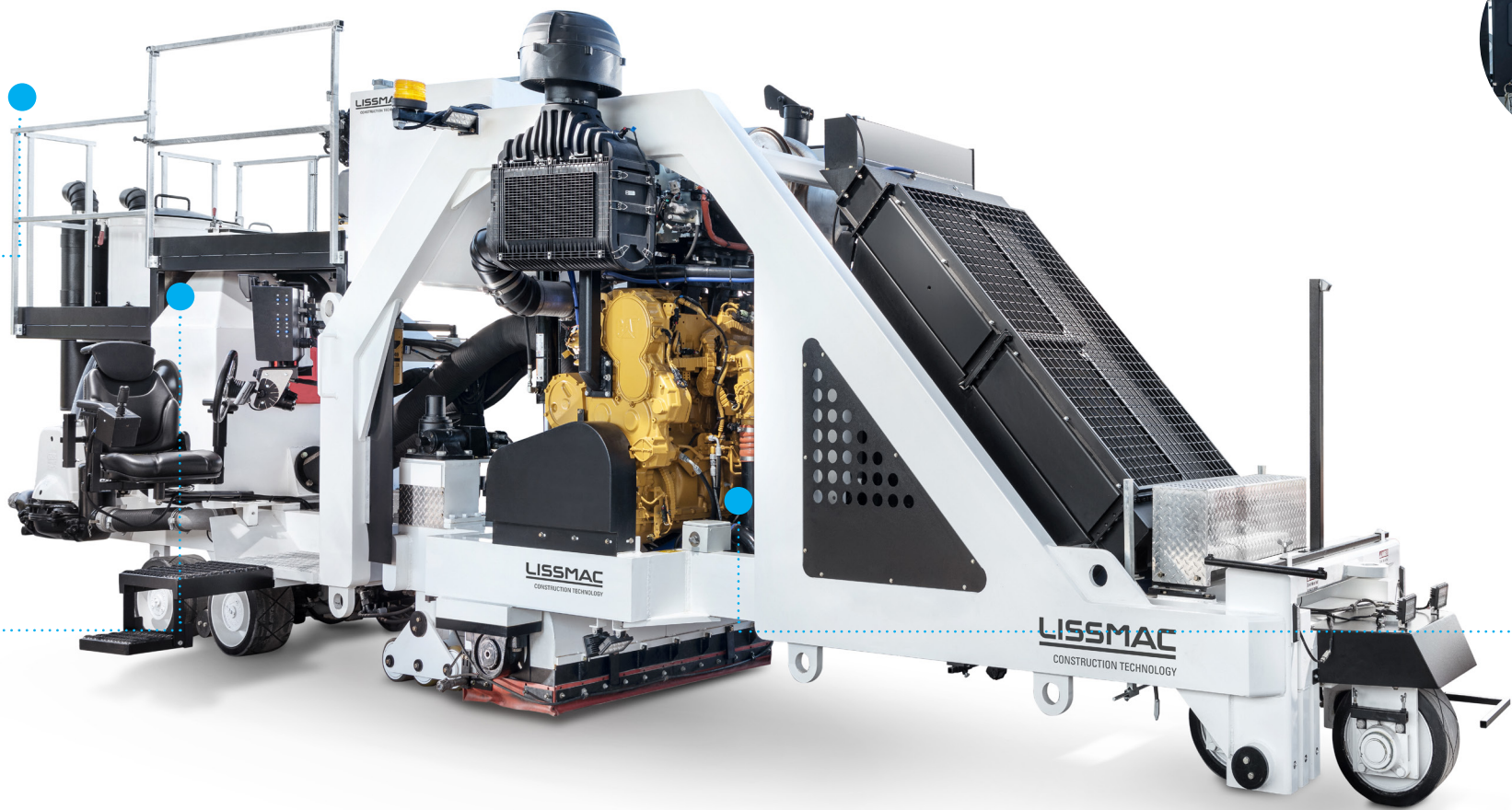
- Comfort seat with integrated safety switch and connected acoustic warning system



- Excellent all-round view thanks to 4x camera system (Bird-View) including large colour display



- Available in two grinding width (1270mm / 1400 mm)



Optional:



[1] Temperature monitoring of the grinding shaft

[2] Weather protection for control panel

[3] Camera system for dipstick, consisting of camera and colour display

- Designed for continuous grinding projects or bump grinding
- Can be operated manually or with computer controlled cruise control system that automatically adjusts forward speed to cutting conditions
- Equipped with odometer that measures total footage (meters) ground and has a resettable daily production odometer and feet(meters) per minute indicator
- On board slurry vacuum and discharge system
- Hydraulically controlled depth control wheels
- Depth control wheels are side to side adjustable for accurate cut matching