

A WIRTGEN GROUP COMPANY



MINI 500 | MINI 502 | MINI 500_e | MINI 502_e

THE NEW VÖGELE MINI PAVERS

MINI 500 | MINI 500^e | MINI 502 | MINI 502^e
THE NEW VÖGELE MINI PAVERS



SMALL, COMPACT AND MANŒUVRABLE.
COMPLETE EVEN THE SMALLEST JOB TO THE HIGHEST STANDARD.
THE **E**Power MACHINES DO THIS WITH LOW NOISE AND NO EMISSIONS.

SMALL DIMENSIONS - VERSATILE APPLICATIONS

Compact dimensions and variable pave width make the new small MINI 500 and MINI 500e tracked pavers and the MINI 502 and MINI 502e wheeled pavers ideal for small-scale construction projects. These include, among other things, creating cycle paths and footpaths, paving between railway tracks and repair work in historic town centres.

The new MINI pavers enable contractors to complete even the smallest construction projects, such as backfilling narrow trenches, to a high standard quickly and efficiently. The MINI 500e and MINI 502e E-Power machine even do this with low noise and no emissions.



DRIVE

01 Conventional diesel drive

- > Water-cooled 2-cylinder diesel engine with an output of 10.2 kW ensures sufficient drive power.
- > Powerful hydrostatic drives efficiently apply the output of the diesel engine.
- > Meets current EU Stage V exhaust emissions standards as well as EPA Tier 4.

02 Battery-electric drive E-Power

- > Emission-free, low-noise asphalt paving.
- > Lithium-ion battery with an output of 22.8 kWh delivers up to 16 hours' paving.
- > The battery can be fully recharged in 8 hours using a domestic 230 V power socket.
- > Electric drives require only minimal maintenance.

UNDERCARRIAGE

03 MINI 500(e) Tracked Paver

- > The rubber tracks ensure optimum traction on loose soil.
- > Their extraordinary manoeuvrability enables the tracked pavers to operate in an incredibly small space.

04 MINI 502(e) Wheeled Paver

- > The four wheels, two drive wheels at the rear and two steering wheels mounted on bogies at the front, give the paver a high degree of stability when paving and repositioning.
- > The wheeled undercarriage is particularly good for paving tight bends.

MATERIAL MANAGEMENT

05 Receipt and handling of material

- > Its material hopper with a capacity of 1.5 tonnes and the hopper sides enable the machine to be supplied simply and conveniently by wheeled loaders or excavators.
- > A conveyor made of wear-resistant steel conveys the material to the sensor-controlled augers which ensure a consistent head of mix ahead of the screed.
- > The quantity of material can also be controlled using the flow gates at the discharge point.

OPERATING SYSTEM

06 Operating system

- > From his standing position, the operator has a perfect overview and can conveniently operate the paver alone.
- > The self-explanatory symbols and clear arrangement of the controls make Mini pavers very easy to operate.

PAVING

07 Compact dimensions

- > Their compact dimensions make MINI pavers ideal for tiny construction projects for which a mechanical paving process would once have been inconceivable.

08 Screed

- > The AB 135 covers a broad range of applications. Minimum pave width with cut-off shoes is 25 cm, maximum width with bolt-on extensions is 1.8 m.
- > The pavement is compacted by a hydraulically-controlled eccentric vibrator.
- > The screed is heated by liquid gas with electronic ignition for maximum safety.



VÖGELE SUSTAINABILITY is our name for innovative technologies and solutions which contribute to the sustainability objectives of the WIRTGEN GROUP.

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TRACKED PAVER	MINI 500	MINI 500e
WHEELED PAVER	MINI 502	MINI 502e
Drive	Kubota diesel engine	Battery-electric
> Output	10.2 kW/3,200 rpm	
> Battery power		22.8 kWh (48 V)
Range of pave widths	0.25 - 1.8 m	
Screed	AB 135	
> Basic width	0.8 - 1.35 m	
Compaction	Vibrators	

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