






A WIRTGEN GROUP COMPANY

**VÖGELE**



	MINI 500	MINI 500e	MINI 502	MINI 502e
TRACKED PAVER				
WHEELED PAVER				
Drive				
> Output				
> Battery power				
Range of pave widths				
Screed				
> Basic width				
Compaction				

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**VÖGELE**



MINI 500 | MINI 502 | MINI 500e | MINI 502e

THE NEW VÖGELE MINI PAVERS



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MINI 500 | MINI 500e | MINI 502 | MINI 502e

THE NEW VÖGELE MINI PAVERS



IT COULDN'T BE SMALLER!
COMPLETE EVEN THE SMALLEST JOB TO THE HIGHEST STANDARD.
THE **EPower** MACHINES DO THIS WITH
LOW NOISE AND ZERO OPERATING EMISSIONS.



SMALL DIMENSIONS – VERSATILE APPLICATION

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 zero operating emissions.



VÖGELE SUSTAINABILITY describes innovative technologies and solutions which are consistent with the sustainability objectives of the WIRTGEN GROUP.



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 4f.

02 Battery-electric drive E-Power

- > Zero operating emissions, low-noise asphalt paving.
- > Lithium-ion battery with an output of 15 kWh or 21.5 kWh enables paving operation for up to two working days.
- > 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 machine is equipped with two rear drive wheels, whilst the two front wheels for steering are mounted on floating bearings.
- > The wheeled undercarriage performs particularly well when paving tight bends.

MATERIAL MANAGEMENT

05 Transfer of material

- > Large material hopper with wide, funnel-shaped opening is convenient for either a wheeled loader or a digger to feed with material.
- > Two separate motor-driven control augers spread the material across the whole screed width based on sensor input.

06 Material transport

- > 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

07 Operating system

- > Just one operator is able to monitor both paver and screed, as well as control paving.
- > 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.

TRANSPORT

08 Low weight

- > Its low weight and compact transport dimensions make it easy and economical to transport.

PAVING

09 Replaces manual labour

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

10 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.