



AB 220 V Extending Screed

The AB 220 Extending Screed in the V version is specially designed for use with the SUPER 700-3i. It comes with a basic width of 1.2m and extends hydraulically up to 2.2m.

The addition of bolt-on extensions increases the pave width of the AB 200 V to a maximum of 3.2m.

For pave widths smaller than the paver's basic width of 1.2m, a special system for pave width reduction has been developed allowing infinite variation in width between 1.2m and 0.5m.

The AB 220 V is equipped with eccentric vibrators in both the basic screed and the extending units. This provides for a perfect pavement surface and uniform compaction across the full pave width.

The screed for the SUPER 700-3i

AB 220 V

Pave widths

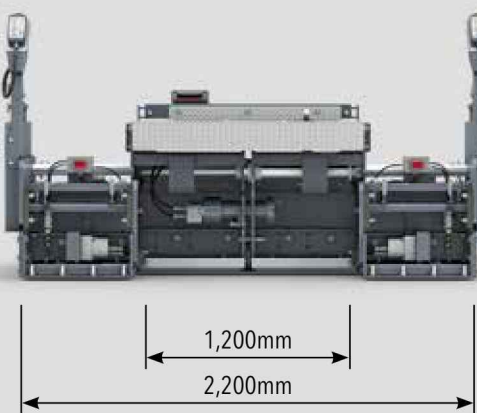
- » Infinitely variable range from 1.2m to 2.2m.
- » Maximum pave width through bolt-on extensions:
 - » 2.7m (2 x 25cm).
 - » 3.2m (2 x 50cm).
- » Minimum pave width of 0.5m with a system for pave width reduction.

Compacting system

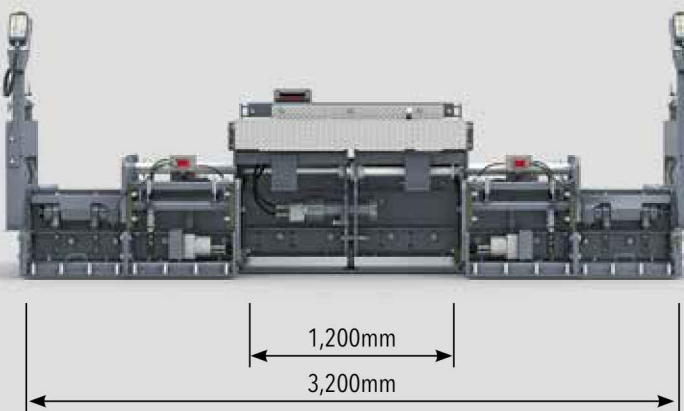
- » AB 220 V with vibrators



AB 220 V without bolt-on extensions



AB 220 V with 50cm bolt-on extensions



Reduction in width

» **Once mounted**, the system for pave width reduction allows infinite variation of the pave width from 1.2m to 0.5m. This is conveniently handled from the paver operator's stand without a need for conversion.

» **Thanks to the system for pave width reduction** offered by VÖGELE, the backfilling of trenches or paving in an asymmetrical width along kerbstones or walls is an easy game, even when using joint tape.



With the system for pave width reduction fitted, the screed floats on the mix just as it does when paving in a non-reduced width. This allows the layer thickness to be adjusted via the screed tow point rams or even to be controlled with Niveltronic Basic.

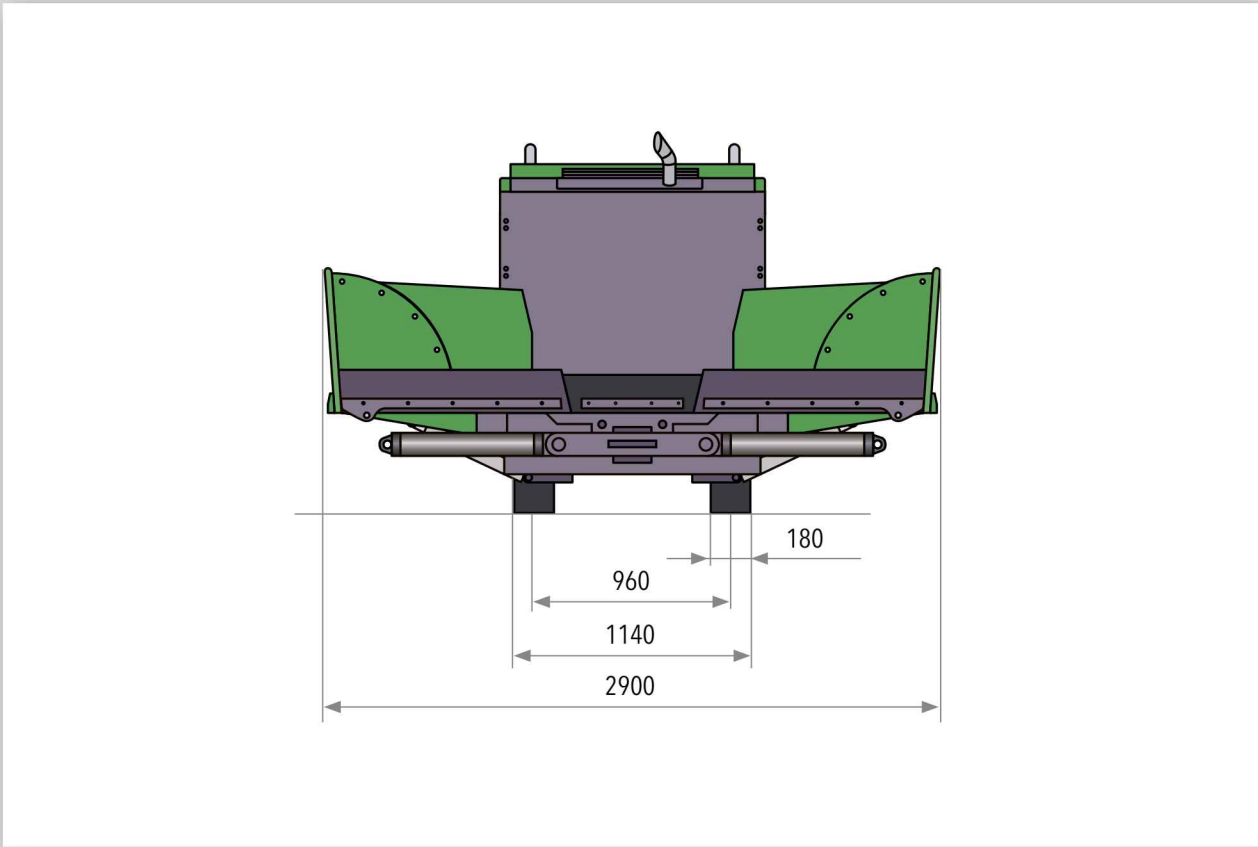
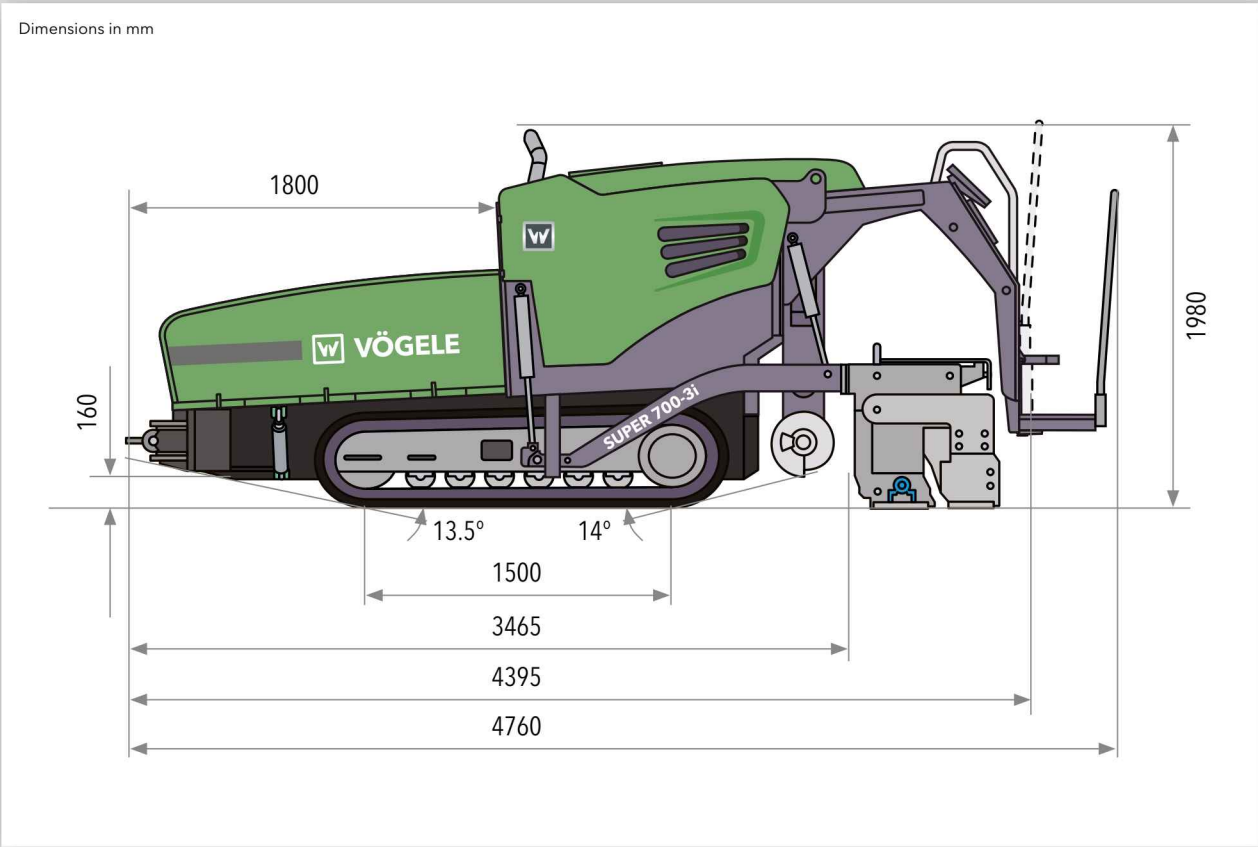
The floating screed not only provides for precise paving results, but also achieves excellent pre-compaction.



All the facts at a glance



FACTS



| Power unit | |
|-----------------------------|--|
| Engine | 4-cylinder diesel engine, liquid-cooled |
| Manufacturer | Deutz |
| Type | TCD 2.9 L4 |
| Output | |
| Nominal | 55.4kW at 2,200rpm (according to DIN) |
| ECO mode | 54kW at 1,800rpm |
| Exhaust | |
| emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC |
| Emission data | |
| Sound power level | ≤104 dB(A) (2000/14/EC and DIN EN 500-6) |
| Daily noise exposure level | >80 dB(A) (DIN EN 500-6) |
| Fuel tank | 80 litres |

| Undercarriage | |
|--------------------------|--|
| Crawler tracks | provided with rubber pads |
| Ground contact | 1,500mm x 180mm |
| Suspension | rigid |
| Track tension adjuster | spring assembly |
| Track roller lubrication | lifetime |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 30m/min., infinitely variable |
| Travel | up to 3.6km/h, infinitely variable |
| Service brake | hydraulic |
| Parking brake | spring-loaded multiple-disc brake, maintenance-free |
| Material hopper | |
| Hopper capacity | 5.8t |
| Width | 2,900mm |
| Feed height | 500mm (bottom of material hopper) |
| Push-rollers | oscillating, fold up with the sides of the material hopper, adjustable by 100mm to the front, 50cm to the left |

| Conveyor and augers | |
|---------------------|--|
| Conveyor | 1, with replaceable feeder bars, conveyor movement is reversible |
| Drive | hydraulic |
| Speed | up to 20m/min., infinitely variable (manual or automatic) |
| Augers | 2, mounted overhung, auger rotation is reversible |
| Diameter | 300mm |
| Drive | separate hydraulic drive provided for each auger |
| Height | |
| Standard | infinitely variable by 10cm, mechanical |
| Option | infinitely variable by 10cm, hydraulic |

| Screed | |
|-----------------------------------|--|
| AB 220 | basic width 1.2m infinitely variable range 1.2m to 2.2m maximum width 3.2m minimum pave width with system for pave width reduction 0.5m |
| Screed version | V |
| Layer thickness | up to 15cm |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Clearance width | 1.4m |
| Length | tractor unit and screed |
| AB 220 V | 4.4m |
| Weight | tractor unit and screed |
| AB 220 V | 6.2t |

Key: DOC = Diesel Oxidation Catalyst AB = Extending Screed V = with vibrators

Subject to technical alterations.



Your VÖGELE QR Code
will take you directly
to the "SUPER 700-3i"
on our website.



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