



## **TECHNICAL HIGHLIGHTS**

- > Pave widths 0.5-3.5 m
- > Maximum laydown rate 300 t/h
- > Clearance width 1.4 m
- > Engine output: 55.4/54 kW at 2,000 rpm

## **SUPER 800(i) - the Mini Class paver with the maximum range of applications**

In combination with Extending Screeds AB 200 TV and AB 220 TV, the SUPER 800(i) achieves extraordinarily high precompaction values for this class of paver.

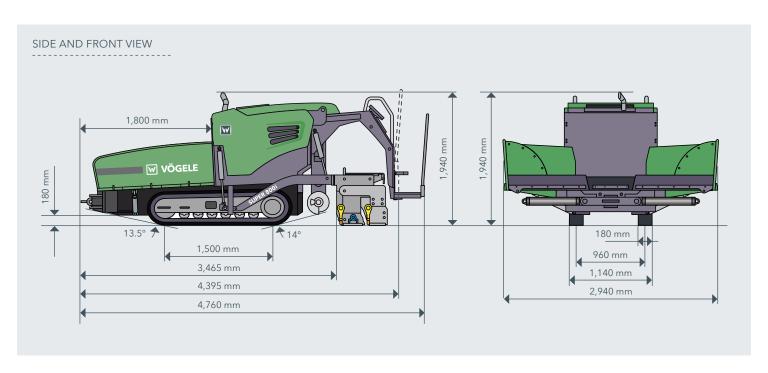
It is the ideal mini paver for a wide range of applications such as the construction and repair of farm tracks, minor roads, footpaths and cycle paths. The excellent price/performance ratio of the SUPER 800(i) also makes it the ideal choice for many local authority contractors.



TECHNICAL DATA	SUPER 800i	SUPER 800	
Power unit			
	for EU/EFTA countries/USA/Canada	for all other countries	
Engine			
> Version	liquid-cooled 4-cylinder diesel engine		
> Manufacturer	Deutz		
> Type	TCD 2.9 L4	TD 2.9 L4	
Output			
> Nominal	55.4 kW at 2,200 rpm	54 kW at 2,200 rpm	
> ECO mode	54.7 kW at 1,800 rpm	49 kW at 1,800 rpm	
Emissions information			
> Exhaust emissions standards	EU Stage V, US EPA Tier 4f	EU Stage 3a, US EPA Tier 3	
> Exhaust gas after-treatment	DOC, DPF		
> Guaranteed sound power level	L <sub>WA</sub> = 104 dB(A) (2000/14/EG, EN ISO 3744; EN 500-6)		
> Sound pressure level at the operator's stations	L <sub>PA</sub> ≤ 85 dB(A) (EN ISO 11201; EN 500-6)		
Fuel tank	80 litres		
Undercarriage			
Crawler tracks			
> Version	with rubber pads		
> Ground contact	1,500 x 180 mm		
> Track tension adjuster	spring assembly		
> Lubrication of track rollers	lifetime		
Traction drive	separate hydraulic drive and electronic control provided for each crawler track		
Speeds			
> Paving	up to 30 m/min., infinitely variable		
> Travel	up to 3.6 km/h, infinitely variable		
Material hopper			
Hopper capacity	5.8 t		
Width	2,900 mm		
Feed height	590 mm (bottom of material hopper)		
Push-rollers			
> Standard	oscillating, fold up with the sides of the material hopper		
Position	adjustable by 100 mm to th	he front, 50 cm to the left	

Conveyor         Nersion         1, with replaceable feeder bars, conveyor movement is reversible           > Drive         hydraulic           > Speed         up to 20 m/min., infinitely variable (manual or automatic)           Augers         Version         2, mounted overhung, auger rotation is reversible           > Diameter         300 mm         Polytice           > Drive         separate hydraulic drive provided for each auger           Height         Height         Polytic mechanical           > Divion         infinitely variable by 10 cm, mechanical         Polytical           > Option         AB 200         AB 220           Basic width         1.1 m to 2 m         1.2 m to 2.2 m           Maximum width         3.2 m         3.5 m           Minimum pave width         0.5 m         Compacting system         TV           Layer thickness         up to 20 cm         Screed heating         Power supply           > Version         electric by heating rods         Power supply         Power supply         Three-phase AC generator           Dimensions (transport) and weights         Clearance width         Power supply         Three-phase AC generator           Dimensions (transport) and weights         Three-phase AC generator         Three-phase AC generator           Length </th <th></th> <th></th> <th></th>				
> Version 1, with replaceable feeder bars, conveyor movement is reversible hydraulic > Drive hydraulic > Speed up to 20 m/min., infinitely variable (manual or automatic)  Augers > Version 2, mounted overhung, auger rotation is reversible > Diameter 300 mm  > Diameter 300 mm  > Drive separate hydraulic drive provided for each auger  Height > Standard infinitely variable by 10 cm, mechanical > Option infinitely variable by 10 cm, hydraulic  Screed options AB 200 AB 220  Basic width 1.1 m to 2 m 1.2 m to 2.2 m  Maximum width 3.2 m 3.5 m  Minimum pave width 0.5 m  Compacting system TV  Layer thickness up to 20 cm  Screed heating > Version electric by heating rods > Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width > Version 1.4 m  Length > Version 4.4 m  Weights > Version tractor unit and screed > AB 200 TV 6,500 kg	Conveyors and augers			
> Drive hydraulic > Speed up to 20 m/min., infinitely variable (manual or automatic)  Augers > Version 2, mounted overhung, auger rotation is reversible > Diameter 300 mm > Drive separate hydraulic drive provided for each auger  Height > Standard infinitely variable by 10 cm, mechanical > Option AB 200 Basic width 1.1 m to 2 m 1.2 m to 2.2 m  Maximum width 3.2 m 3.5 m  Minimum pave width 0.5 m  Compacting system TV  Layer thickness up to 20 cm  Screed heating > Version electric by heating rods > Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width > Version 1.4 m  Length > Version 1.4 m  Length  Version tractor unit and screed > AB 200 TV  Weights  Version tractor unit and screed > AB 200 TV  Lession tractor unit and screed > AB 200 TV  Lession tractor unit and screed > AB 200 TV  6,500 kg	•			
Speed up to 20 m/min., infinitely variable (manual or automatic)  Augers  Version 2, mounted overhung, auger rotation is reversible  300 mm  5 Drive separate hydraulic drive provided for each auger  Height  Standard infinitely variable by 10 cm, mechanical infinitely variable by 10 cm, hydraulic  Screed option AB 200  Basic width 1.1 m to 2 m 1.2 m to 2.2 m  Maximum width 3.2 m 3.5 m  Minimum pave width 0.5 m  Compacting system TV  Layer thickness up to 20 cm  Screed heating  Version electric by heating rods  Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width  Version 1.4 m  Length  Version tractor unit and screed  AB 200 TV  Weights  Version tractor unit and screed  AB 200 TV  6,500 kg		·		
Augers  > Version  2, mounted overhung, auger rotation is reversible  > Diameter  300 mm  > Drive  separate hydraulic drive provided for each auger  Height  > Standard  Standard  Option  AB 200  Basic width  1.1 m to 2 m  1.2 m to 2.2 m  Maximum width  Minimum pave width  Compacting system  Layer thickness  Screed heating  > Version  Prower supply  Dimensions (transport) and weights  Clearance width  > Version  Langth  > Version  AB 200  AB 2		·		
> Version 2, mounted overhung, auger rotation is reversible > Diameter 300 mm > Drive separate hydraulic drive provided for each auger  Height > Standard infinitely variable by 10 cm, mechanical > Option infinitely variable by 10 cm, hydraulic  Screed options AB 200 AB 200  Basic width 1.1 m to 2 m 1.2 m to 2.2 m  Maximum width 3.2 m 3.5 m  Minimum pave width 0.5 m  Compacting system TV  Layer thickness up to 20 cm  Screed heating > Version electric by heating rods > Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width > Version 1.4 m  Length > Version 4.4 m  Weights > Version tractor unit and screed > AB 200 TV 6,500 kg	> Speed	up to 20 m/min., infinitely variable (manual or automatic)		
> Diameter 300 mm  > Drive separate hydraulic drive provided for each auger  Height  > Standard infinitely variable by 10 cm, mechanical  > Option infinitely variable by 10 cm, hydraulic  Screed options  Basic width 1.1 m to 2 m 1.2 m to 2.2 m  Maximum width 3.2 m 3.5 m  Minimum pave width 0.5 m  Compacting system  Layer thickness up to 20 cm  Screed heating  > Version electric by heating rods  > Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width  > Version 1.4 m  Length  > Version 4.4 m  Weights  > Version 5.500 kg	Augers			
> Drive separate hydraulic drive provided for each auger  Height > Standard infinitely variable by 10 cm, mechanical > Option infinitely variable by 10 cm, hydraulic  Screed options AB 200 AB 220  Basic width 1.1 m to 2 m 1.2 m to 2.2 m  Maximum width 3.2 m 3.5 m  Minimum pave width 0.5 m  Compacting system TV  Layer thickness up to 20 cm  Screed heating > Version electric by heating rods > Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width > Version 1.4 m  Length > Version tractor unit and screed > AB 200/220 4.4 m  Weights > Version tractor unit and screed > AB 200 TV 6,500 kg	> Version	2, mounted overhung, auger rotation is reversible		
Height  > Standard  Standa	> Diameter			
> Standard infinitely variable by 10 cm, mechanical infinitely variable by 10 cm, hydraulic  Screed options AB 200 AB 220  Basic width 1.1 m to 2 m 1.2 m to 2.2 m  Maximum width 3.2 m 3.5 m  Minimum pave width 0.5 m  Compacting system TV  Layer thickness up to 20 cm  Screed heating  > Version electric by heating rods > Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width  > Version 1.4 m  Length  > Version tractor unit and screed  > AB 200/220 4.4 m  Weights  > Version tractor unit and screed  > AB 200 TV 6,500 kg	> Drive	separate hydrau	lic drive provided for each auger	
Soption infinitely variable by 10 cm, hydraulic  Screed options  Basic width  1.1 m to 2 m  3.2 m  1.2 m to 2.2 m  Maximum width  3.2 m  TV  Layer thickness  Up to 20 cm  Screed heating  Version  Power supply  Intere-phase AC generator  Dimensions (transport) and weights  Clearance width  Version  Length  Version  1.4 m  Length  Version  AB 200  AB	Height			
Screed options         AB 200         AB 220           Basic width         1.1 m to 2 m         1.2 m to 2.2 m           Maximum width         3.2 m         3.5 m           Minimum pave width         0.5 m           Compacting system         TV           Layer thickness         up to 20 cm           Screed heating         Version           > Version         electric by heating rods           > Power supply         three-phase AC generator           Dimensions (transport) and weights           Clearance width           > Version         1.4 m           Length           > Version         4.4 m           Weights           > Version         tractor unit and screed           > AB 200 TV         6,500 kg	> Standard	infinitely variable by 10 cm, mechanical		
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Maximum width         3.2 m         3.5 m           Minimum pave width         0.5 m           Compacting system         TV           Layer thickness         up to 20 cm           Screed heating         Version           Version         electric by heating rods           Power supply         three-phase AC generator           Dimensions (transport) and weights         Clearance width           Version         1.4 m           Length         Version           AB 200/220         4.4 m           Weights         Version           Version         tractor unit and screed           AB 200 TV         6,500 kg	Screed options	AB 200	AB 220	
Minimum pave width  Compacting system  Layer thickness  up to 20 cm  Screed heating  > Version  Power supply  Dimensions (transport) and weights  Clearance width  > Version  Length  > Version  AB 200/220  AB 200 TV  Output  Dimensions (tractor unit and screed)  AB 200 TV  AB 200 TV  AB 200 TV  Output  Divides Tractor unit and screed  AB 200 TV	Basic width	1.1 m to 2 m	1.2 m to 2.2 m	
Compacting system Layer thickness up to 20 cm  Screed heating  > Version electric by heating rods  > Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width  > Version 1.4 m  Length  > Version tractor unit and screed  > AB 200/220 4.4 m  Weights  > Version tractor unit and screed  > AB 200 TV 6,500 kg	Maximum width	3.2 m	3.5 m	
Layer thickness up to 20 cm  Screed heating  > Version electric by heating rods  > Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width  > Version 1.4 m  Length  > Version tractor unit and screed  > AB 200/220 4.4 m  Weights  > Version tractor unit and screed  > AB 200 TV 6,500 kg	Minimum pave width	0.5 m		
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> Version electric by heating rods > Power supply three-phase AC generator  Dimensions (transport) and weights  Clearance width > Version 1.4 m  Length > Version tractor unit and screed > AB 200/220 4.4 m  Weights > Version tractor unit and screed > AB 200 TV 6,500 kg	Layer thickness	up to 20 cm		
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Dimensions (transport) and weights  Clearance width  > Version	> Version	electric by heating rods		
Clearance width         > Version       1.4 m         Length         > Version       tractor unit and screed         > AB 200/220       4.4 m         Weights         > Version       tractor unit and screed         > AB 200 TV       6,500 kg	> Power supply			
> Version       1.4 m         Length <ul> <li>Version</li> <li>AB 200/220             4.4 m         </li></ul> Weights <ul> <li>Version</li> <li>AB 200 TV</li> <li>6,500 kg</li> </ul>	Dimensions (transport) and weights			
Length       > Version     tractor unit and screed       > AB 200/220     4.4 m       Weights       > Version     tractor unit and screed       > AB 200 TV     6,500 kg	Clearance width			
> Version       tractor unit and screed         > AB 200/220       4.4 m         Weights         > Version       tractor unit and screed         > AB 200 TV       6,500 kg	> Version	1.4 m		
> AB 200/220	Length			
Weights > Version tractor unit and screed > AB 200 TV 6,500 kg	> Version	tractor unit and screed		
> Version tractor unit and screed > AB 200 TV 6,500 kg	> AB 200/220	4.4 m		
> AB 200 TV 6,500 kg	Weights			
, 3	> Version	tractor unit and screed		
> AB 220 TV 6,600 kg	> AB 200 TV	6,500 kg		
	> AB 220 TV	6,600 kg		

Key: DOC = Diesel Oxidation Catalyst, DPF = Diesel Particulate Filter, AB = Extending Screed, TV = with tamper and vibrators



THE HIGHLIGHTS OF THE SUPER 800(i)
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- > Wide range of paving applications from 0.5-3.5 m for a large number of paving projects
- > The ideal option for highly confined job sites thanks to its compact dimensions
- > Several feed options with the asymmetrical material hopper
- > Simple operation with the innovative and easy-to-grasp ErgoBasic operating concept
- > Powerful and cost-efficient thanks to the 55.4 kW diesel engine and ECO mode
- > Positive tracking and precise steering delivered by traction drives in closed loops
- > AB 200 TV Extending Screed or AB 220 TV Extending Screed with tamper and vibrators

FEATURES	SUPER 800i	SUPER 800
> Powerful three-phase AC generator		
> Simple, ergonomic ErgoBasic operating concept		
> Weather shield for paver operator's platform		
> 4 working lights		
> Hazard warning light		
> Oscillating push-rollers		
> 5.8-tonne capacity material hopper		
> Asymmetrical material hopper		
> Manual auger height adjustment		
> Hydraulic auger height adjustment		
> Mechanical sensor to control augers		
> Sonic sensor to control augers		
> Screed Assist (hydraulic)		
> Niveltronic Basic		
> Variety of grade and slope control sensors		
> Cleaning system with tank and hose reel		

This list is just an extract of the scope of supply. Standard features and options may differ by sales region.

Standard feature

☐ Option

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