

Technical information

# SUPER 1880 L



## Tracked paver SUPER 1880 L

Universal Class

### TECHNICAL HIGHLIGHTS

- > Maximum pave width 9.5 m
- > Maximum laydown rate 1,000 t/h
- > Transport width 2.55 m
- > Engine output: 158 kW at 2,000 rpm

### SUPER 1880 L - robust, powerful and easy to operate

The SUPER 1880 L takes and gives a lot. Cement-treated base (CTB) has become the established standard for road construction projects. Paving base courses up to 50 cm thick requires extremely powerful and durable pavers.

VÖGELE's SUPER 1880 L is a cost-efficient, heavy-duty tracked paver designed for paving both water-bound materials and asphalt mixes.



TECHNICAL DATA	SUPER 1880 L
<b>Power unit</b>	
<b>Engine</b>	
> Version	liquid-cooled 6-cylinder diesel engine
> Manufacturer	Cummins
> Type	QSB6.7-C215
<b>Output</b>	
> Nominal	158 kW at 2,000 rpm
<b>Emissions information</b>	
> Exhaust emissions standards	MEP Stage III, EU Stage 3a, US EPA Tier 3
<b>Fuel tank</b>	350 litres
<b>Undercarriage</b>	
<b>Crawler tracks</b>	
> Version	provided with rubber pads
> Ground contact	3,060 x 305 mm
> Track tension adjuster	spring assembly
> Lubrication of track rollers	lifetime
<b>Traction drive</b>	separate hydraulic drive and electronic control provided for each crawler track
<b>Speeds</b>	
> Paving	up to 24 m/min., infinitely variable
> Transport	up to 4.5 km/h, infinitely variable
<b>Material hopper</b>	
<b>Hopper capacity</b>	15 t
<b>Width</b>	3,261 mm
<b>Feed height</b>	550 mm (bottom of material hopper)
<b>Push-rollers</b>	
> Standard	oscillating
Position	oscillating, can be displaced forwards by 75 mm or 150 mm
<b>Conveyors and augers</b>	
<b>Conveyors</b>	
> Version	2, with replaceable feeder bars, conveyor movement reversible for a short time
> Drive	separate hydraulic drive provided for each conveyor
> Speed	up to 31 m/min., infinitely variable (manual or automatic)

**Conveyors and augers**

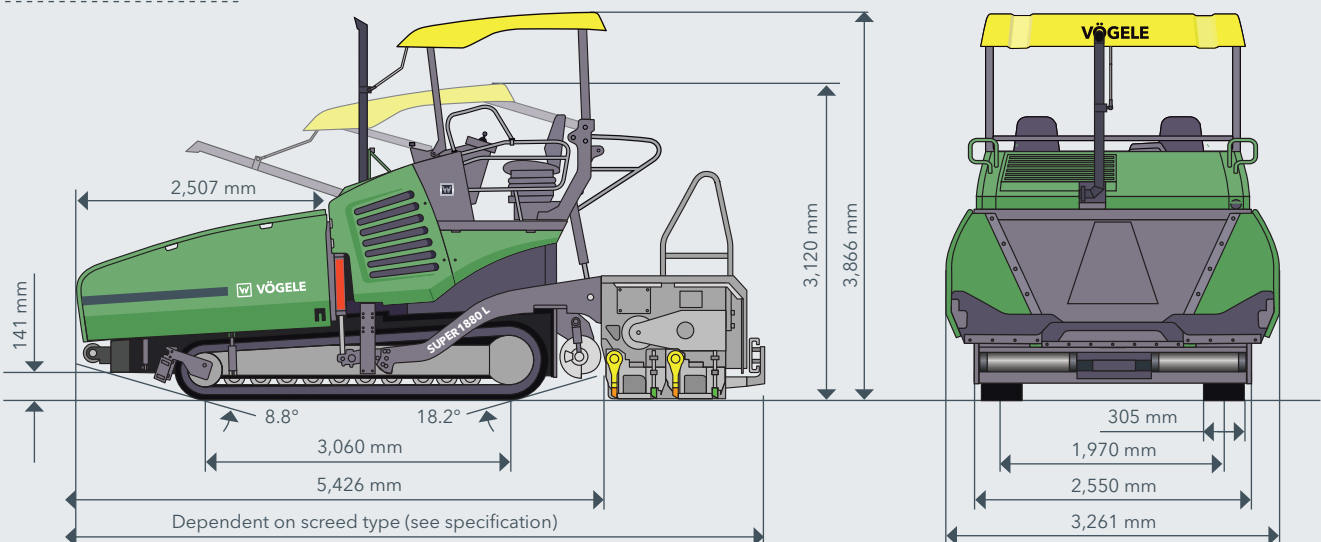
<b>Augers</b>					
> Version	2, with exchangeable auger blades, auger rotation reversible				
> Diameter	420 mm				
> Drive	separate hydraulic drive provided for each auger				
> Speed	up to 79 rpm, infinitely variable (manual or automatic)				
> Height	infinitely variable by 15 cm, hydraulic				
<b>Lubrication</b>	centralized lubrication system with electrically driven grease pump for conveyor and auger bearings				
<b>Screed options</b>	<b>AB 480</b>	<b>AB 500</b>	<b>AB 570</b>	<b>AB 600</b>	<b>SB 300 HD</b>
<b>Basic width</b>	2.55 m to 4.8 m	2.55 m to 5 m	3 m to 5.7 m	3 m to 6 m	3 m
<b>Maximum width</b>	7.8 m	8.5 m	8.7 m	9.5 m	9.5 m
<b>Compacting systems</b>	TV	TV	TV	TV	T
<b>Layer thickness</b>	up to 50 cm (SB 300)				
<b>Screed heating</b>					
> Version	electric by heating rods*				
> Power supply	three-phase AC generator				

**Dimensions (transport) and weights**

<b>Length</b>	
> Version	tractor unit and screed
> AB 480/500/570/600 TV	6.71 m
> SB 300 HD	6.77 m
<b>Weights</b>	
> Version	tractor unit and screed in basic width
> AB 480 TV	18,525 kg
> AB 500 TV	20,210 kg
> AB 570 TV	18,925 kg
> AB 600 TV	20,995 kg
> SB 300 HD	19,475 kg

Key: AB = Extending Screed, SB = Fixed-Width Screed, HD = heavy-duty, T = with tamper, TV = with tamper and vibrators, \* = not for SB 300 HD

SIDE AND FRONT VIEW



### THE HIGHLIGHTS OF THE SUPER 1880 L

- > Tracked Universal Class paver with a large range of applications and pave widths up to 9.5 m
- > Powerful and economic drive concept with a modern diesel engine
- > Simple operation with the innovative and easy-to-grasp ErgoBasic operating system
- > Even difficult terrain is no problem for the SUPER 1880 L thanks to its powerful crawler tracks and accurate steering
- > Especially large oscillating push-rollers ensure convenient and shock-free docking of feed vehicles even on bends
- > Extra long material hopper and chassis

### EQUIPMENT

> Electronic engine management with ECO mode	■
> ErgoBasic operating concept	■
> Modern hardtop, made of a glass fibre-reinforced polymer material	■
> Operator's seat, 2 pieces	■
> 4 working lights, LED	■
> Limiting plates for auger tunnel, hinged	□
> Automated Grade and Slope Control Niveltronic Basic	□
> Various sensor types are available for the Niveltronic Basic	□

This list is just an extract of the scope of supply.

■ Standard feature    □ Option

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