

Technical information

# SUPER 1880 Li



## Tracked paver SUPER 1880 Li

Universal Class

### TECHNICAL HIGHLIGHTS

- > Maximum pave width 10 m
- > Maximum laydown rate 1,000 t/h
- > Transport width 3 m
- > Engine output: 162 kW at 2,000 rpm

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

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

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



TECHNICAL DATA	SUPER 1880 Li
<b>Power unit</b>	
<b>Engine</b>	
> Version	liquid-cooled 6-cylinder diesel engine
> Manufacturer	Dongfeng-Cummins
> Type	B6.7 CS4 220C
<b>Output</b>	
> Nominal	162 kW at 2,000 rpm
<b>Emissions information</b>	
> Exhaust emissions standards	NR4
<b>Fuel tank</b>	350 litres
<b>Undercarriage</b>	
<b>Crawler tracks</b>	
> Version	provided with rubber pads
> Ground contact	3,060 x 300 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>	508 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

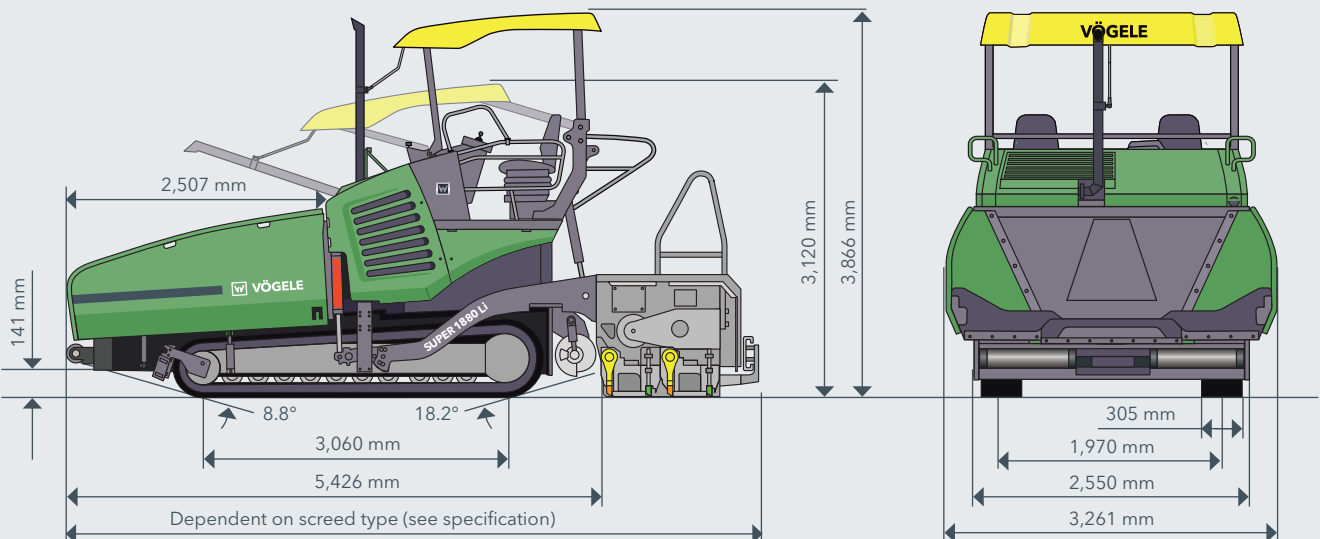
<b>Augers</b>			
> Version	2, with exchangeable auger blades, auger rotation reversible		
> Diameter	420 mm		
> Drive	separate hydraulic drive provided for each auger		
> Speed	up to 95 rpm, infinitely variable (manual or automatic)		
> Height	infinitely variable by 15 cm, hydraulic		
<b>Lubrication</b>	centralized lubrication system with electrically driven grease pump for conveyor and auger bearings		
<b>Screed options</b>	<b>AB 570</b>	<b>AB 600</b>	<b>SB 300 HD</b>
<b>Basic width</b>	3 m to 5.7 m	3 m to 6 m	3 m
<b>Maximum width</b>	8.7 m	10 m	9.5 m
<b>Compacting systems</b>	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 570/AB 600 TV	6.71 m
> SB 300 HDT	6.77 m
<b>Weights</b>	
> Version	tractor unit and screed
> AB 570 TV	pave widths up to 5.7 m: 20,210 kg / pave widths up to 8.7 m: 25,370 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 Li

- > Tracked Universal Class paver with a large range of applications and pave widths up to 10 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 Li 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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