

Technical information

# SUPER 1680 Li



## Tracked paver SUPER 1680 Li

Universal Class

### TECHNICAL HIGHLIGHTS

- > Maximum pave width 7.8 m
- > Maximum laydown rate 800 tonnes/h
- > Transport width 2.55 m
- > Engine output: 123 kW at 2,000 rpm

SUPER 1680 Li - Robust, powerful and easy to operate

The VÖGELE SUPER 1680 Li focuses on the key functions and can hence offer outstanding value for money. This machine is the ideal candidate when classic paving tasks need to be delivered in top quality using tried-and-tested technology.

The paver is thus also driven by a powerful diesel engine and can reliably tackle all medium to larger paving jobs, delivering top VÖGELE quality across the board.



TECHNICAL DATA	SUPER 1680 Li
Power unit	
Engine	
> Version	liquid-cooled 4-cylinder diesel engine
> Manufacturer	Foton Cummins
> Type	F4.5
Output	
> Nominal	123 kW at 2,000 rpm (according to DIN)
> ECO mode	119 kW at 1,700 rpm
Emissions information	
> Exhaust emissions standards	NR4
Fuel tank	220 litres
Undercarriage	
Crawler tracks	
> Version	with rubber pads
> Ground contact	2,410 x 305 mm
> Track tension adjuster	spring assembly
> Lubrication of track rollers	lifetime
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
> Paving	up to 24 m/min., infinitely variable
> Transport	up to 4.5 km/h, infinitely variable
Material hopper	
Hopper capacity	15 t
Width	3,265 mm
Feed height	615 mm (bottom of receiving hopper)
Push-rollers	
> Standard	oscillating
Position	can be displaced forwards by 75 mm or 150 mm
Conveyors and augers	
Conveyors	
> Version	2, with replaceable feeder bars, conveyor movement reversible for a short time
> Drive	separate hydraulic drive provided for each conveyor
> Speed	up to 33 m/min., infinitely variable (manual or automatic)

## Conveyors and augers

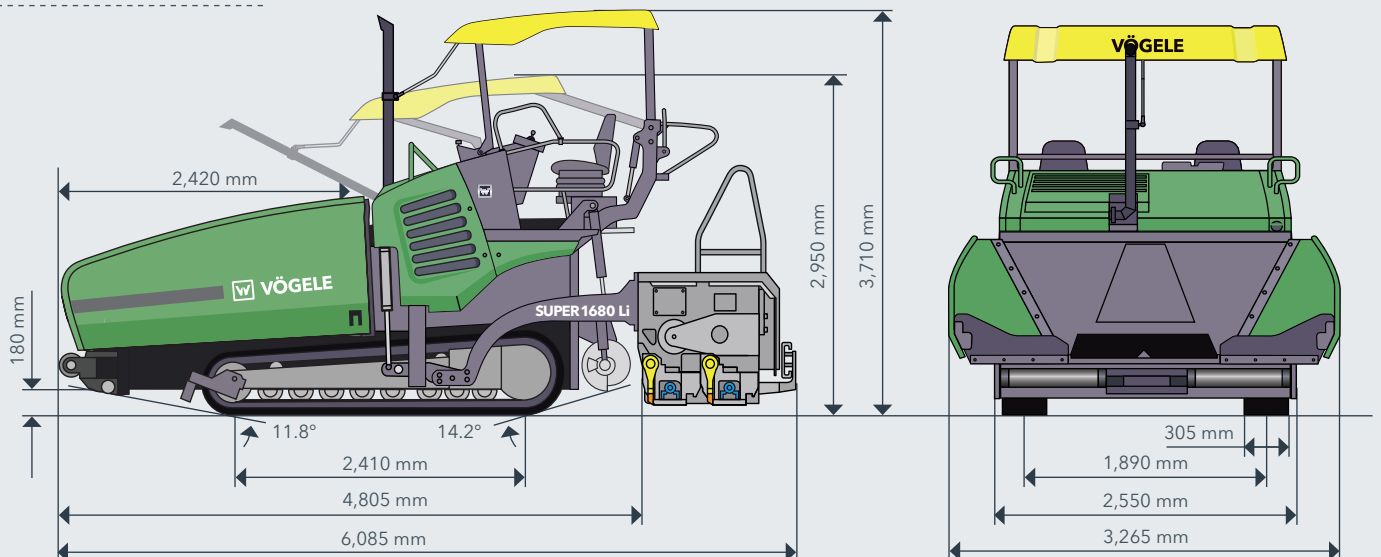
<b>Augers</b>	
> Version	2, with replaceable auger blades, auger rotation reversible
> Diameter	400 mm
> Drive	separate hydraulic drive provided for each auger
> Speed	up to 84 rpm, infinitely variable (manual or automatic)
<b>Auger height</b>	
> Version	infinitely variable by 15 cm, mechanical, lowest position 10 cm above the ground
<b>Lubrication</b>	automatic centralized lubrication system with electrically driven grease pump
<b>Screed</b>	<b>AB 480</b>
<b>Basic width</b>	2.55 to 4.8 m
<b>Maximum width</b>	7.8 m
<b>Compacting system</b>	TV
<b>Layer thickness</b>	up to 30 cm
<b>Screed heating</b>	
> Version	electric by heating rods
> Power supply	three-phase AC generator

## Dimensions (transport) and weights

<b>Length</b>	
> Version	paver with screed
> AB 480	6.08 m
<b>Weights</b>	
> Version	paver with screed
> AB 480 TV	for pave width up to 4.8 m: 18,300 kg / for pave width up to 7.8 m: 21,810 kg

Key: AB = extending screed, TV = with tamper and vibrators

## SIDE AND FRONT VIEW



SUPER 1680 Li HIGHLIGHTS

- > Universal Class paver with a wide range of applications and pave widths up to 7.8 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 1680 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
- > Can be combined with the AB 480 Extending Screed in the TV version

EQUIPMENT

> Electronic engine management with ECO mode	■
> ErgoBasic operating concept	■
> Modern hardtop, made of a glass fibre-reinforced polymer material	■
> Operator's seat, classic, 2 pieces	■
> 4 working lights, LED	■
> GPS system	■
> Sensor for auger control, sonic	■
> Auger extensions, 2 x 1 m	□
> Limiting plates for auger tunnel, hinged	□
> Automated Grade and Slope Control Niveltronic Basic	□
> Various sensor types are available for the Niveltronic Basic	□
> Hand press for lubrication	□
> Washdown system with hose reel	■

The list contains only an excerpt from the scope of delivery.

■ Standard equipment    □ Options

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