

Technical information

# SUPER 1400



## Tracked paver SUPER 1400

Universal Class

### TECHNICAL HIGHLIGHTS

- > Maximum pave width 6.3 m
- > Maximum laydown rate 600 tonnes/h
- > Transport width 2.55 m
- > Engine output: 101 kW at 2,000 rpm

### SUPER 1400 - ready for tomorrow's infrastructure

The new SUPER 1400 has a modern John Deere engine. The machine's chassis and material handling systems are unrivalled in terms of robustness, as are the innovative high-tech components inside the paver.

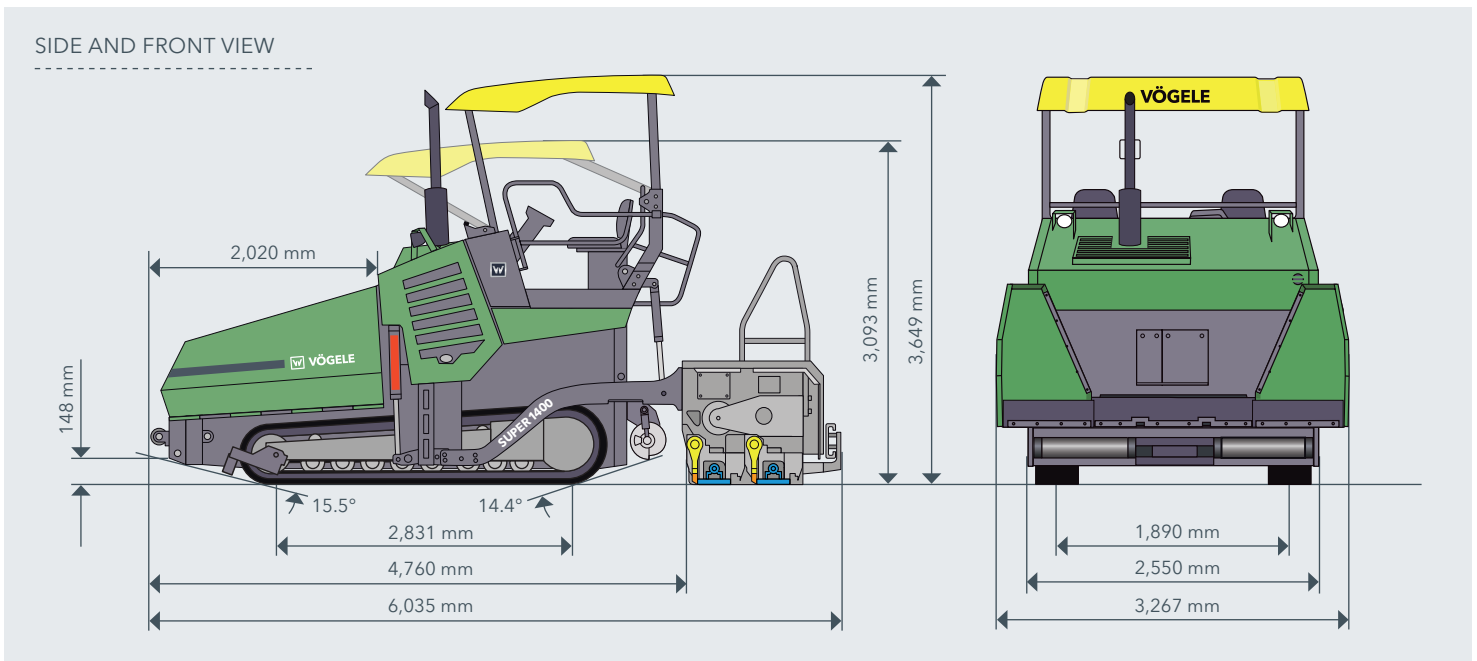
Combined with the cutting-edge AB 480 Extending Screed, the SUPER 1400 is capable of building high-quality pavements in varying widths between 2.55 and 4.8 m, and even achieves a maximum pave width of 6.3 m through the addition of bolt-on extensions.



TECHNICAL DATA	SUPER 1400
<b>Power unit</b>	
<b>Engine</b>	
> Version	liquid-cooled 4-cylinder diesel engine
> Manufacturer	John Deere
> Type	4045 PTE
<b>Output</b>	
> Nominal	101 kW at 2,000 rpm
> ECO mode	94 kW at 1,800 rpm
<b>Emissions information</b>	
> Exhaust emissions standards	R96, EU Stage 3a, US EPA Tier 3
<b>Fuel tank</b>	220 litres
<b>Undercarriage</b>	
<b>Crawler tracks</b>	
> Version	provided with rubber pads
> Ground contact	2,831 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>	13 t
<b>Width</b>	3,267 mm
<b>Feed height</b>	560 mm
<b>Push-rollers</b>	
> Standard	oscillating
Position	can be displaced forwards by 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	25 m/min.

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 65 rpm, infinitely variable (manual or automatic)
<b>Auger height</b>	
> Version	infinitely variable by 15 cm, mechanical
<b>Lubrication</b>	centralized lubrication points
<b>Screed</b>	
	<b>AB 480</b>
<b>Basic width</b>	2.55 m to 4.8 m
<b>Maximum width</b>	6.3 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 TV	6.04 m
<b>Weights</b>	
> Version	paver with screed
> AB 480 TV	for pave width up to 4.8 m: 16,900 kg / for pave width up to 7.3 m: 18,400 kg

Key: AB = Extending Screed, TV = with tamper and vibrators



### THE HIGHLIGHTS OF THE SUPER 1400

- > Universal Class paver with a wide range of applications and pave widths up to 6.3 m
- > Powerful and reliable thanks to the 101 kW modern John Deere engine
- > Perfect paving quality due to perfect material management
- > Easy service concept, perfectly geared to the requirements of the workshop and service staff
- > Easy operation with the user-friendly and easy-to-grasp ErgoBasic operating concept
- > Easy-to-use Niveltronic Basic System for Automated Grade and Slope Control
- > Can be combined with the AB 480 Extending Screed in the TV version

### EQUIPMENT

> Electronic engine management with ECO mode and variable-speed fan drive	<input checked="" type="checkbox"/>
> Modern hardtop, made of a glass fibre-reinforced polymer material	<input type="checkbox"/>
> Paver operator's ErgoBasic console and ErgoBasic remote control units for the screed	<input checked="" type="checkbox"/>
> 2 working lights, halogen	<input checked="" type="checkbox"/>
> Deflector plate in front of crawler track	<input type="checkbox"/>
> Auger height adjustment, manual	<input checked="" type="checkbox"/>
> Sensor for auger control, sonic, 2 pieces	<input type="checkbox"/>
> Grade And Slope Control Niveltronic Basic	<input type="checkbox"/>
> Handset for Niveltronic Basic, 2 pieces	<input type="checkbox"/>
> Various sensor types for Niveltronic Basic	<input type="checkbox"/>

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

Standard Equipment     Options

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