

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.

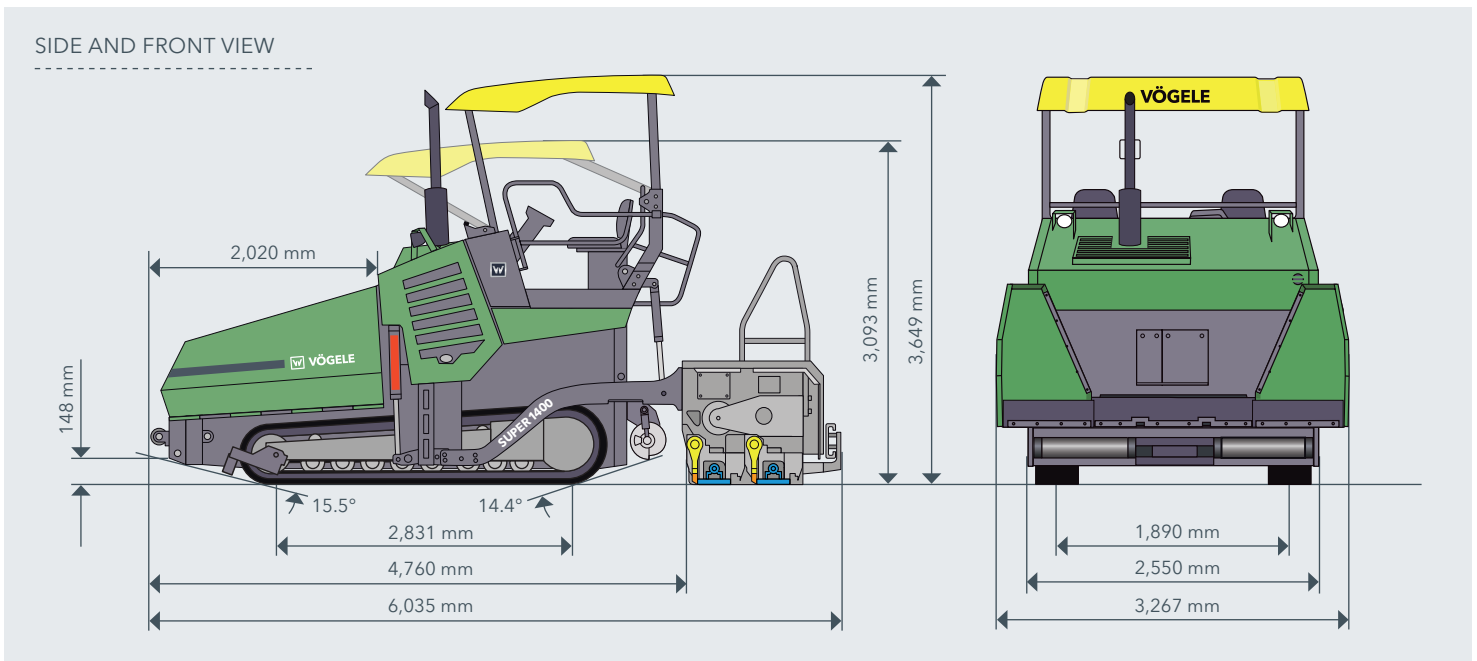
Combined with the cutting-edge AB 480 Extending Screed, the SUPER 1400 is capable of building high-quality pavements in varying widths between 2.55 and 4.8 m, and even achieves a maximum pave width of 6.3 m through the addition of bolt-on extensions.



TECHNICAL DATA	SUPER 1400
Power unit	
Engine	
> Version	liquid-cooled 4-cylinder diesel engine
> Manufacturer	John Deere
> Type	4045 PTE
Output	
> Nominal	101 kW at 2,000 rpm
> ECO mode	94 kW at 1,800 rpm
Emissions information	
> Exhaust emissions standards	R96, EU Stage 3a, US EPA Tier 3
Fuel tank	220 litres
Undercarriage	
Crawler tracks	
> Version	provided with rubber pads
> Ground contact	2,831 x 305 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 24 m/min., infinitely variable
> Transport	up to 4.5 km/h, infinitely variable
Material hopper	
Hopper capacity	13 t
Width	3,267 mm
Feed height	560 mm
Push-rollers	
> Standard	oscillating
Position	can be displaced forwards by 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	25 m/min.

Conveyors and augers	
Augers	
> 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)
Auger height	
> Version	infinitely variable by 15 cm, mechanical
Lubrication	centralized lubrication points
Screed	
AB 480	
Basic width	2.55 m to 4.8 m
Maximum width	6.3 m
Compacting system	TV
Layer thickness	up to 30 cm
Screed heating	
> Version	electric by heating rods
> Power supply	three-phase AC generator
Dimensions (transport) and weights	
Length	
> Version	paver with screed
> AB 480 TV	6.04 m
Weights	
> Version	paver with screed
> AB 480 TV	for pave width up to 4.8 m: 16,500 kg / for pave width up to 6.3 m: 18,260 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 | ■ |
| > Modern hardtop, made of a glass fibre-reinforced polymer material | □ |
| > Paver operator's ErgoBasic console and ErgoBasic remote control units for the screed | ■ |
| > 2 working lights, halogen | ■ |
| > Deflector plate in front of crawler track | □ |
| > Auger height adjustment, manual | ■ |
| > Sensor for auger control, sonic, 2 pieces | □ |
| > Grade And Slope Control Niveltronic Basic | □ |
| > Handset for Niveltronic Basic, 2 pieces | □ |
| > Various sensor types for Niveltronic Basic | □ |

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

■ Standard Equipment □ Options

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