

Technical information

SUPER 1403



Wheeled paver SUPER 1403

Universal Class

TECHNICAL HIGHLIGHTS

- > Maximum pave width 6 m
- > Maximum laydown rate 600 tonnes/h
- > Transport width 2.55 m
- > Engine output: 101 kW at 2,000 rpm

SUPER 1403 - bringing quality onto the road

The new SUPER 1403 has a modern John Deere engine. The machine raises the bar for road pavers, featuring a chassis and material handling systems that boast the same high robustness as the innovative high-tech components.

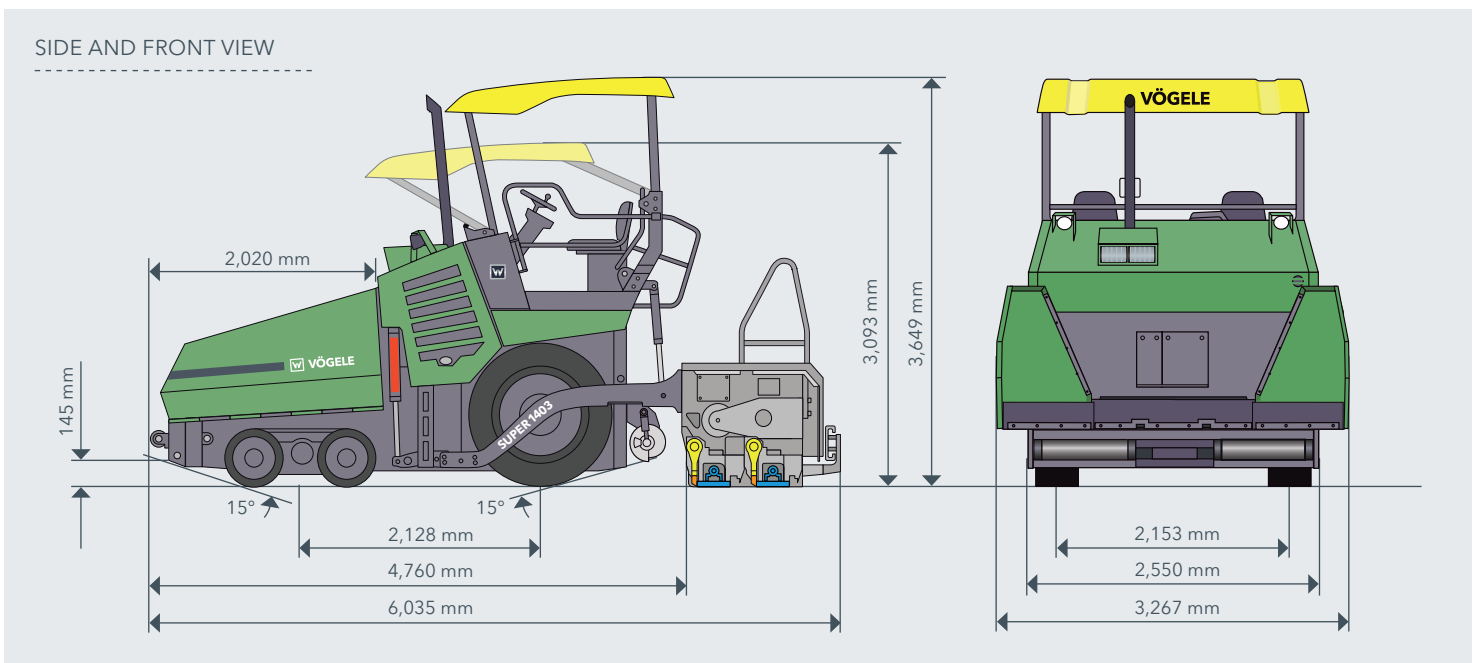
A key advantage of the SUPER 1403 is its wheeled undercarriage with separate hydraulic drives installed in the rear wheels and in one set of its front wheels (6x4). The front wheels are mounted on bogies ensuring continuous ground contact.



TECHNICAL DATA	SUPER 1403
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	
Front wheels	
> Version	4, mounted on bogies
> Tyre equipment	elastic solid rubber tyres
> Tyre size	22/12 - 16 inches
Rear wheels	2, pneumatic tyres
> Tyre size	14.00 R 25
Drive	separate hydraulic drive provided for each wheel
> Standard	2 rear wheels and 2 front wheels (6x4)
Speeds	
> Paving	up to 18 m/min., infinitely variable
> Transport	up to 12 km/h, infinitely variable
Outside turning circle	min. 3.5 m (with Pivot Steer)
Material hopper	
Hopper capacity	13 t
Width	3,267 mm
Feed height	560 mm
Push-rollers	
> Standard	oscillating
Position	can be adjusted lengthwise 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 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: 15,250 kg / for pave width up to 6 m: 16,100 kg

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



THE HIGHLIGHTS OF THE SUPER 1403

- > Universal Class paver with a wide range of applications and pave widths up to 6 m
- > Powerful and reliable thanks to the 101 kW modern John Deere engine
- > Maximum power transmission thanks to separate, hydraulic drives provided for the rear wheels and for one set of front wheels
- > Traction Assist provided for the SUPER 1403, helps achieve perfect traction on any base
- > Easy operation with the innovative and easy-to-grasp ErgoBasic operating concept
- > New and easy-to-use Niveltronic Basic System for Automated Grade and Slope Control
- > Easy service concept, perfectly geared to the requirements of the workshop and service staff
- > 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"/>
> Limiting plates for auger tunnel, hinged, 2 pieces	<input type="checkbox"/>
> 2 rear wheels and 2 front wheels powered (6x4)	<input type="checkbox"/>
> Pivot Steer	<input checked="" 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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