

Technical information

SUPER 1380i



Tracked paver SUPER 1380i

Compact Class

TECHNICAL HIGHLIGHTS

- > Maximum pave width 5 m
- > Maximum laydown rate 350 tonnes/h
- > Transport width 1.85 m
- > Engine output: 81 kW at 2,000 rpm

SUPER 1380i - Compact dimensions, easy handling

Compact dimensions, easy handling and excellent value for money - that's what the new VÖGELE SUPER 1380i tracked paver has to offer. A member of the Classic Line, it features a range of functions which is focussed on the essentials required by paving teams for successful operations.

The SUPER 1380i can be combined with the AB 340 Extending Screed with tamper (T version), vibrators (V version) or with tamper and vibrators (TV version).

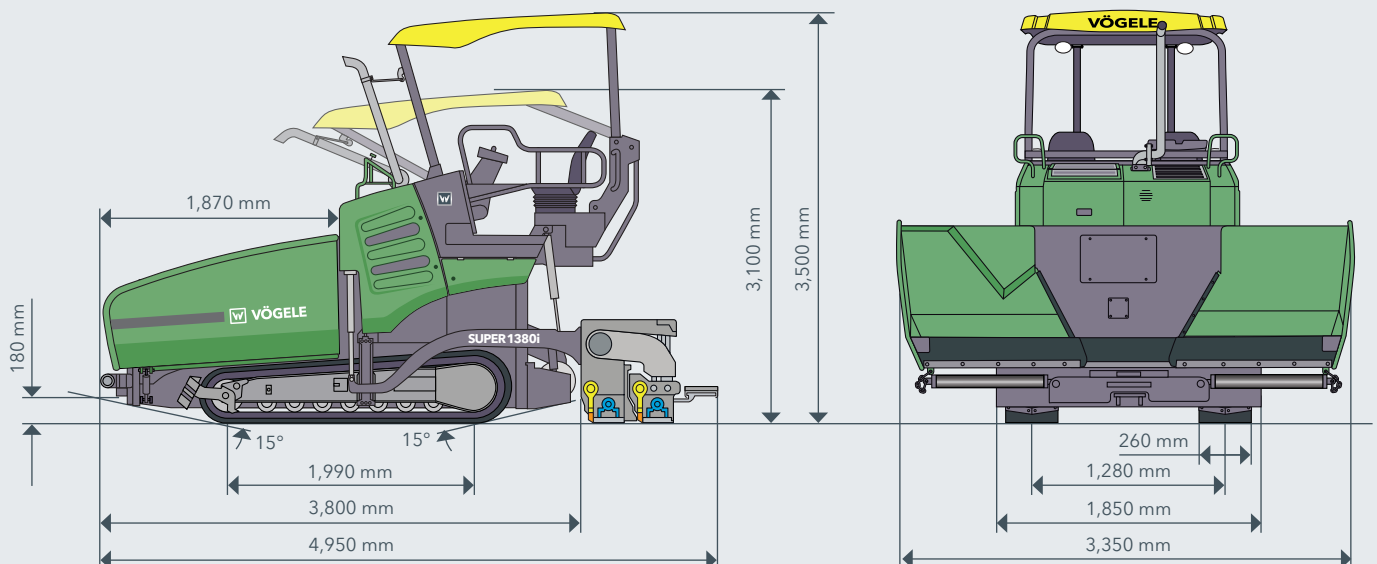


TECHNICAL DATA	SUPER 1380i
Power unit	
Engine	
> Version	liquid-cooled 4-cylinder diesel engine
> Manufacturer	Dongfeng Cummins
> Type	B3.9CS4-110C
Output	
> Nominal	81 kW at 2,000 rpm
> ECO mode	81 kW at 1,700 rpm
Emissions information	
> Exhaust emissions standards	NR4
> Exhaust gas after-treatment	DOC, DPF
> Guaranteed sound power level	$L_{WA} = 105 \text{ dB(A)}$ (2000/14/EG, EN ISO 3744; EN 500-6)
> Sound pressure level at the operator's stations	$L_{PA} \leq 80 \text{ dB(A)}$ (EN ISO 11201; EN 500-6)
Fuel tank	110 litres
Undercarriage	
Crawler tracks	
> Version	with rubber pads
> Ground contact	1,990 x 260 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 30 m/min., infinitely variable
> Transport	up to 4.5 km/h, infinitely variable
Material hopper	
Hopper capacity	10 t
Width	3,350 mm
Feed height	580 mm (bottom of receiving hopper)
Push-rollers	
> Standard	oscillating
Position	can be displaced forwards by 80 mm
Conveyors and augers	
Conveyors	
> Version	2, with replaceable feeder bars, direction of conveyor temporarily reversible
> Drive	separate hydraulic drive provided for each conveyor
> Speed	up to 29,3 m/min., infinitely variable (manual or automatic)

Conveyors and augers	
Augers	
> Version	2, with replaceable auger blades, auger rotation reversible
> Diameter	300 mm
> Drive	separate hydraulic drive provided for each auger
> Speed	up to 85 rpm, infinitely variable (manual or automatic)
Auger height	
> Standard	infinitely variable by 13 cm, mechanical
> Option	infinitely variable by 13 cm, hydraulic
Lubrication	auger bearing via grease nipple
Screed	AB 340
Basic width	1.8 to 3.4 m
Maximum width	5 m
Min. pave width with system for pave width reduction	0.75 m
Reduction in width	by cut-off shoes 2 x 52.5 cm
Compacting systems	T, V, TV
Layer thickness	up to 25 cm
Screed heating	
> Version	electric by heating rods
> Power supply	three-phase AC generator
Dimensions (transport) and weights	
Length	
> Version	paver with screed
> AB 340	4.95 m
Weights	
> Version	paver with screed
> AB 340 TV	for pave width up to 3.4 m: 10,800 kg / for pave width up to 5 m: 11,400 kg

Key: DOC = Diesel Oxidation Catalyst, DPF = Diesel Particulate Filter, AB = extending screed, T = with tamper, V = with vibrators, TV = with tamper and vibrators

SIDE AND FRONT VIEW



SUPER 1380i HIGHLIGHTS

- > Compact Class paver with a wide range of applications and pave widths up to 5 m
- > Simple operation with the innovative and easy-to-grasp ErgoBasic operating concept
- > Powerful diesel engine of the latest generation with 81 kW at 2,000 rpm
- > Crawler tracks with maximum traction and traction drives in controlled loops
- > Can be combined with the AB 340 Extending Screed in the T, V and TV versions

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"/>
> Operator's seat, luxury, 2 pieces	<input checked="" type="checkbox"/>
> Swivel-out seat for a perfect view of all the relevant points of the paver	<input type="checkbox"/>
> Paver operator's ErgoBasic console and ErgoBasic remote control units for the screed	<input checked="" type="checkbox"/>
> 4 working lights, LED	<input checked="" type="checkbox"/>
> Rearview mirror, 2 pieces	<input type="checkbox"/>
> All-round beacon	<input checked="" type="checkbox"/>
> Auger height adjustment, hydraulic	<input checked="" type="checkbox"/>
> Sensor for auger control, sonic, 2 pieces	<input checked="" type="checkbox"/>
> Working lights for auger tunnel, 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"/>
> Screed Assist	<input type="checkbox"/>
> Cleaning agent tank with spray bottle	<input type="checkbox"/>

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

Standard Equipment Options

JOSEPH VÖGELE AG

Joseph-Vögele-Str. 1
67075 Ludwigshafen
Germany

T: +49 621 8105-0
F: +49 621 8105-461
M: marketing@voegele.info

www.voegele.info

