

Technical information

SUPER 3000-3i



Tracked paver SUPER 3000-3i

Highway Class

TECHNICAL HIGHLIGHTS

- > Maximum pave width 18 m
- > Maximum laydown rate 1,800 t/h
- > Transport width 3 m
- > Engine output: 356 kW at 1,800 rpm

SUPER 3000-3i – the flexibility world champion from VÖGELE

The largest paver in VÖGELE’s range is a real powerhouse and a flexible all-rounder, to boot: boasting a pave width of up to 18 m, it is ideal for large-scale projects such as motorways and runways, but is equally at home constructing thick anti-freeze layers and crushed-stone bases. The screed concept of the SUPER 3000-3i is likewise geared to maximum flexibility, enabling the machines to tackle a broad range of different applications efficiently and productively.



TECHNICAL DATA	SUPER 3000-3i
Power unit	
Engine	
> Version	liquid-cooled 6-cylinder diesel engine
> Manufacturer	Cummins
> Type	X12-C475
Output	
> Nominal	356 kW at 1,800 U/min
> ECO mode	348 kW at 1,600 U/min
Emissions information	
> Exhaust emissions standards	NR4
> Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	605 litres
Undercarriage	
Crawler tracks	
> Version	with rubber pads
> Ground contact	3,658 x 400 mm
> Track tension adjuster	elastomer tensioner
> 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
> Travel	up to 4 km/h, infinitely variable
Material hopper	
Hopper capacity	18.5 t
Width	3,850 mm
Feed height	560 mm (center of material hopper)
Push-rollers	
> Standard	oscillating
Position	can be displaced forwards by 80 mm or 160 mm
> Option	sprung (PaveDock)

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 50 m/min., infinitely variable (manual or automatic)

Augers

> Version	2, with replaceable auger blades and reversible direction of rotation
> Diameter	340/420/480 mm (varies according to pave width)
> Drive	separate hydraulic drive provided for each auger
> Speed	up to 120 rpm, infinitely variable (manual or automatic)
> Height	infinitely variable hydraulically up to 27.5 cm

Lubrication centralized lubrication system with electrically driven grease pump

Screed options	AB 600	SB 300	SB 300 HD	SB 350
Basic width	3 m to 6 m	3 m	3 m	3.5 m
Maximum width	9.5 m (TV/TP1)	16 m (TV)	12 m (TV)	18 m (TV)
Compacting systems	TV, TP1, TP2, TP2 Plus	TV, TP1, TP2	TV	TV, TP1, TP2
Layer thickness	up to 50 cm			
Screed heating				
> Version	electric by heating rods*			
> Power supply	three-phase AC generator			

Dimensions (transport) and weights

Length

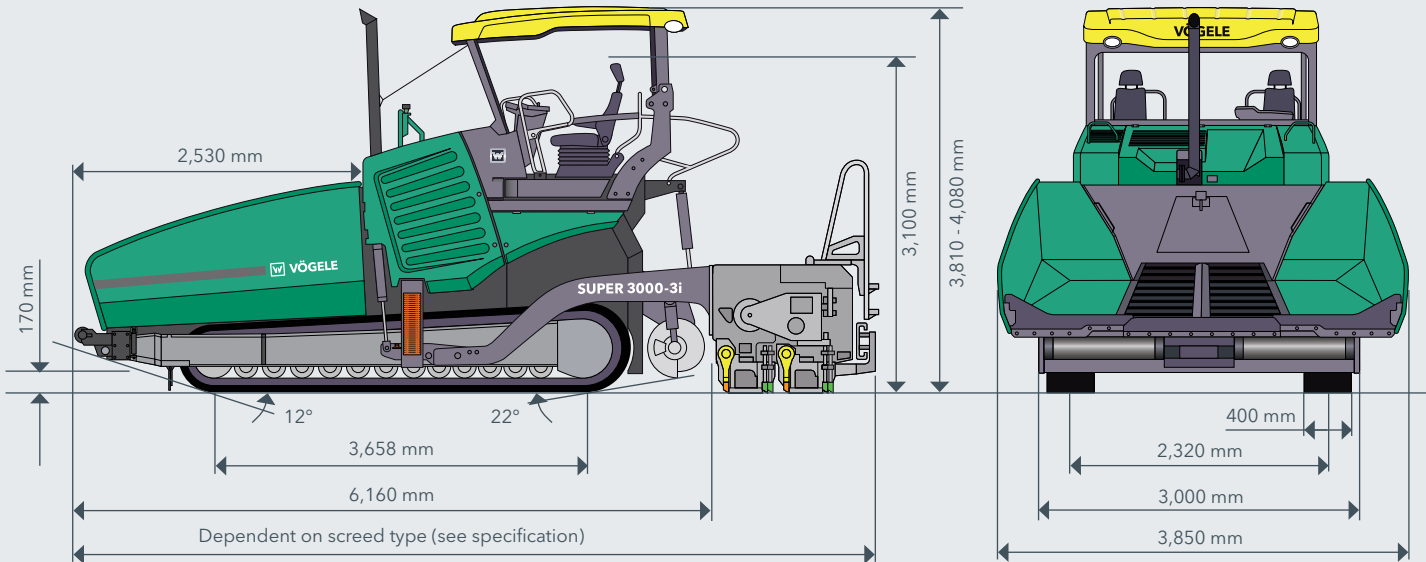
> Version	tractor unit and screed
> AB 600	TV: 7.44 m / TP1, TP2: 7.7 m
> SB 300/350	TV/TP1/TP2: 7.48 m
> SB 300 HD	TV: 7.48 m

Weights

> Version	tractor unit and screed
> AB 600 TV	pave widths up to 6 m: 31,800 kg / pave widths up to 9.5 m: 37,450 kg

Key: DOC = Diesel Oxidation Catalyst, DPF = Diesel Particulate Filter, SCR = Selective Catalytic Reduction, AB = Extending Screed, SB = Fixed-Width Screed, HD = Heavy-Duty, TV = with tamper and vibrators, TP1 = with tamper and 1 pressure bar, TP2 = with tamper and 2 pressure bars, TP2 Plus = with special tamper, 2 pressure bars and additional weights, * not for SB 300 HD

SIDE AND FRONT VIEW



THE HIGHLIGHTS OF THE SUPER 3000-3i

- > Tracked Highway Class paver with a large range of applications and pave widths up to 18 m
- > Many “Dash 3” features such as ErgoPlus 3, VÖGELE EcoPlus and AutoSet Plus are included as standard
- > Innovative material handling system ensures optimum transfer of the mix, even at layer thicknesses of up to 50 cm
- > Heavy-duty kit effectively counteracts abrasive wear
- > Optimum feeding with mix thanks to the large material hopper, PaveDock sprung push-rollers and PaveDock Assistant communication system
- > Optimum mix transfer to the auger at all layer thicknesses thanks to height-adjustable chassis
- > ErgoPlus 3 operating system with numerous convenient and automatic functions
- > All screeds for asphalt paving can be combined with high compaction technology
- > Easy and convenient tamper stroke adjustment (4 or 8 mm) at the push of a button on the SB 300 and SB 350
- > Maximum flexibility thanks to bolt-on extensions which can be adjusted by 1.25 m on each side for the SB 300 and SB 350 Fixed-Width Screeds

FEATURES	SUPER 3000-3i
> Powerful oil-cooled generator	■
> VÖGELE EcoPlus low-emissions package	■
> Simple, ergonomic ErgoPlus 3 operating concept	■
> Windscreen with windscreen wipers	□
> Ergonomic heated driver's seats	□
> Ventilation system	□
> LED light balloon for use at night	□
> AutoSet Plus for simple repositioning and saving of paving programs	■
> Niveltronic Plus System for Automated Grade and Slope Control	□
> PaveDock sprung push-rollers	□
> PaveDock Assistant communication system	□
> Large receiving hopper holding 18.5 tonnes	■
> Heavy-duty kit	■
> Hydraulic hopper front	□
> Sonic sensor to control augers	□
> Various sensors for levelling	□
> VÖGELE RoadScan comprehensive asphalt temperature measuring system	□
> WITOS Paving Docu records paver and paving data	□
> WITOS Paving Plus process management solution	□
> WITOS FleetView telematics system	■

This list is just an extract of the scope of supply. ■ Standard feature □ Option
Standard features and options may differ by sales region.

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