

Technical information

SUPER 1900-3 G



Tracked paver SUPER 1900-3 G

Universal Class

TECHNICAL HIGHLIGHTS

- > Maximum pave width 10 m
- > Maximum laydown rate 1,000 t/h
- > Transport width 2.55 m
- > Engine output: 158 kW at 2,000 rpm

G

SUPER 1900-3 G-Tier - robust, powerful and easy to operate

The SUPER 1900-3 G takes and gives a lot. Cement-treated base (CTB) has become the established standard for road construction projects. Paving base courses up to 50 cm thick requires extremely powerful and durable pavers.

VÖGELE's SUPER 1900-3 G-Tier is a cost-efficient, heavy-duty tracked paver designed for paving both water-bound materials and asphalt mixes.



TECHNICAL DATA	SUPER 1900-3 G
Power unit	
Engine	
> Version	liquid-cooled 6-cylinder diesel engine
> Manufacturer	Cummins
> Type	QSB6.7-C215
Output	
> Nominal	158 kW at 2,000 rpm
Emissions information	
> Exhaust emissions standards	MEP Stage III, EU Stage 3a, US EPA Tier 3
Fuel tank	350 litres
Undercarriage	
Crawler tracks	
> Version	provided with rubber pads
> Ground contact	3,060 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	15 t
Width	3,261 mm
Feed height	550 mm (bottom of material hopper)
Push-rollers	
> Standard	oscillating
Position	oscillating, can be displaced forwards by 75 mm or 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	up to 31 m/min., infinitely variable (manual or automatic)

Conveyors and augers

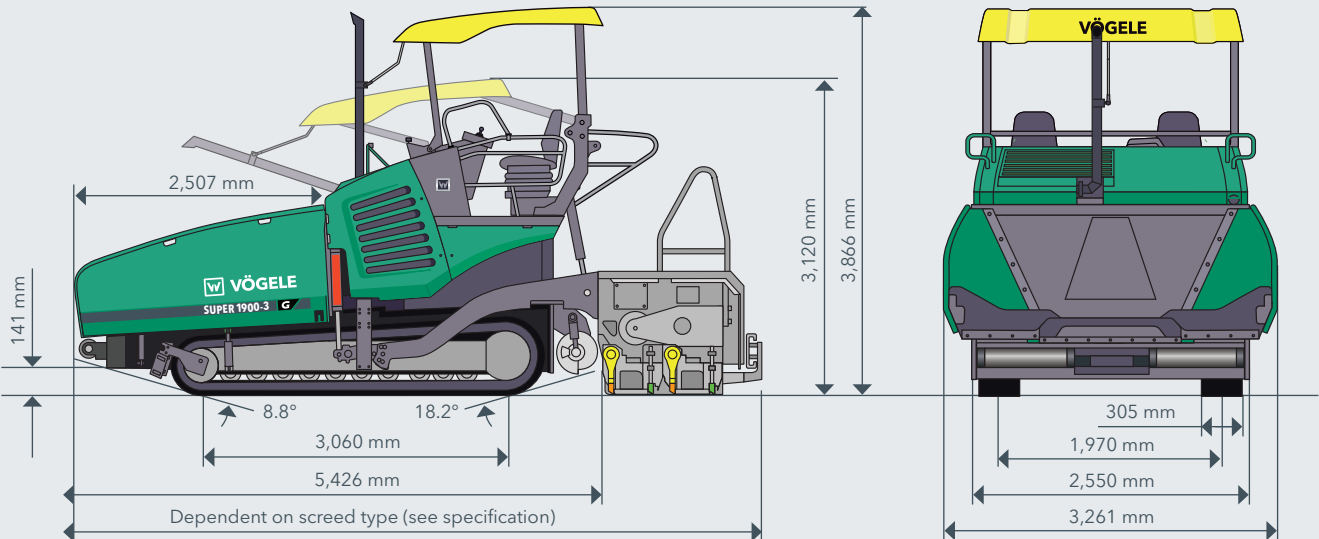
Augers					
> Version	2, with exchangeable auger blades, auger rotation reversible				
> Diameter	420 mm				
> Drive	separate hydraulic drive provided for each auger				
> Speed	up to 79 rpm, infinitely variable (manual or automatic)				
> Height	infinitely variable by 15 cm, hydraulic				
Lubrication	centralized lubrication system with electrically driven grease pump for conveyor and auger bearings				
Screed options	AB 480	AB 500	AB 570	AB 600	SB 300 HD
Basic width	2.55 m to 4.8 m	2.55 m to 5 m	3 m to 5.7 m	3 m to 6 m	3 m
Maximum width	7.8 m	8.5 m	8.7 m	10 m	9.5 m
Compacting systems	TV	TV	TV	TV	T
Layer thickness	up to 50 cm (SB 300)				
Screed heating					
> Version	electric by heating rods*				
> Power supply	three-phase AC generator				

Dimensions (transport) and weights

Length	
> Version	tractor unit and screed
> AB 480/500/570/600 TV	6.71 m
> SB 300 HD	6.77 m
Weights	
> Version	tractor unit and screed in basic width
> AB 480 TV	18,525 kg
> AB 500 TV	20,210 kg
> AB 570 TV	18,925 kg
> AB 600 TV	20,995 kg
> SB 300 HD	19,475 kg

Key: AB = Extending Screed, SB = Fixed-Width Screed, HD = heavy-duty, T = with tamper, TV = with tamper and vibrators, * = not for SB 300 HD

SIDE AND FRONT VIEW



THE HIGHLIGHTS OF THE SUPER 1900-3 G

- > Tracked Universal Class paver with a large range of applications and pave widths up to 10 m
- > Powerful and economic drive concept with a modern diesel engine
- > Simple operation with the innovative and easy-to-grasp ErgoBasic operating system
- > Even difficult terrain is no problem for the SUPER 1900-3 G thanks to its powerful crawler tracks and accurate steering
- > Especially large oscillating push-rollers ensure convenient and shock-free docking of feed vehicles even on bends
- > Extra long material hopper and chassis

EQUIPMENT

> Electronic engine management with ECO mode	■
> ErgoBasic operating concept	■
> Modern hardtop, made of a glass fibre-reinforced polymer material	■
> Operator's seat, 2 pieces	■
> 4 working lights, LED	■
> Limiting plates for auger tunnel, hinged	□
> Automated Grade and Slope Control Niveltronic Basic	□
> Various sensor types are available for the Niveltronic Basic	□

This list is just an extract of the scope of supply.

■ Standard feature □ Option

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