

Technical information

# SUPER 1900-3

## G-Tier



**Tracked paver SUPER 1900-3**  
Universal Class

### TECHNICAL HIGHLIGHTS

- > Maximum pave width 10 m
- > Maximum laydown rate 1,000 t/h
- > Transport width 2.55 m
- > Engine output 145 kW at 2,000 rpm  
ECO mode at 1,700 rpm

**G**

**SUPER 1900-3 - robust, powerful and easy to operate**

The SUPER 1900-3 takes and gives a lot. Cement-treated base (CTB) has become the established standard for road construction projects.

VÖGELE's new 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
<b>Power unit</b>	
<b>Engine</b>	
> Version	liquid-cooled 6-cylinder diesel engine
> Manufacturer	Cummins
> Type	B6.7
<b>Output</b>	
> Nominal	145 kW at 2,000 rpm
<b>Emissions information</b>	
> Exhaust emissions standards	CEV 5
<b>Fuel tank</b>	350 litres
<b>Undercarriage</b>	
<b>Crawler tracks</b>	
> Version	provided with rubber pads
> Ground contact	3,060 x 300 mm
> Track tension adjuster	spring assembly
> Lubrication of track rollers	lifetime
<b>Traction drive</b>	separate hydraulic drive and electronic control provided for each crawler track
<b>Speeds</b>	
> Paving	up to 24 m/min., infinitely variable
> Transport	up to 4.5 km/h, infinitely variable
<b>Material hopper</b>	
<b>Hopper capacity</b>	15 t
<b>Width</b>	3,261 mm
<b>Feed height</b>	508 mm (bottom of material hopper)
<b>Push-rollers</b>	
> Standard	oscillating
Position	oscillating, can be displaced forwards by 75 mm or 150 mm
<b>Conveyors and augers</b>	
<b>Conveyors</b>	
> 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**

<b>Augers</b>	
> Version	2, with exchangeable auger blades, auger rotation reversible
> Diameter	420 mm
> Drive	separate hydraulic drive provided for each auger
> Speed	up to 95 rpm, infinitely variable (manual or automatic)
> Height	infinitely variable by 15 cm, hydraulic
<b>Lubrication</b>	centralized lubrication system with electrically driven grease pump for conveyor and auger bearings

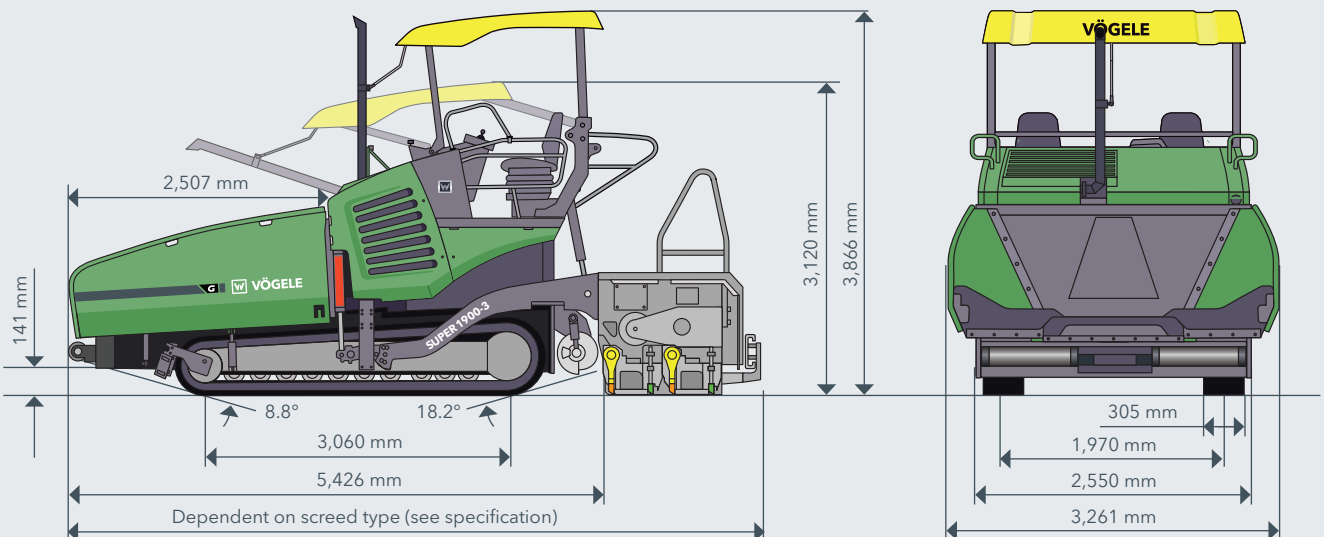
<b>Screed options</b>	<b>AB 570</b>	<b>AB 600</b>
<b>Basic width</b>	3 m to 5.7 m	3 m to 6 m
<b>Maximum width</b>	9.2 m	10 m
<b>Compacting systems</b>	TV	TV
<b>Layer thickness</b>	up to 300 mm	
<b>Screed heating</b>		
> Version	electric by heating rods*	
> Power supply	three-phase AC generator	

**Dimensions (transport) and weights**

<b>Length</b>	
> Version	tractor unit and screed
> AB 570 TV	6.71 m
<b>Weights</b>	
> Version	tractor unit and screed
> AB 570 TV	pave widths up to 5.7 m: 20,580 kg

Key: AB = Extending Screed, TV = with tamper and vibrators

SIDE AND FRONT VIEW



### THE HIGHLIGHTS OF THE SUPER 1900-3

- > 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 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	■
> Washdown system with tank and hose reel	■
> 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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