

Highway Class


# **SUPER 2003-3i**

## **WHEELED PAVER**



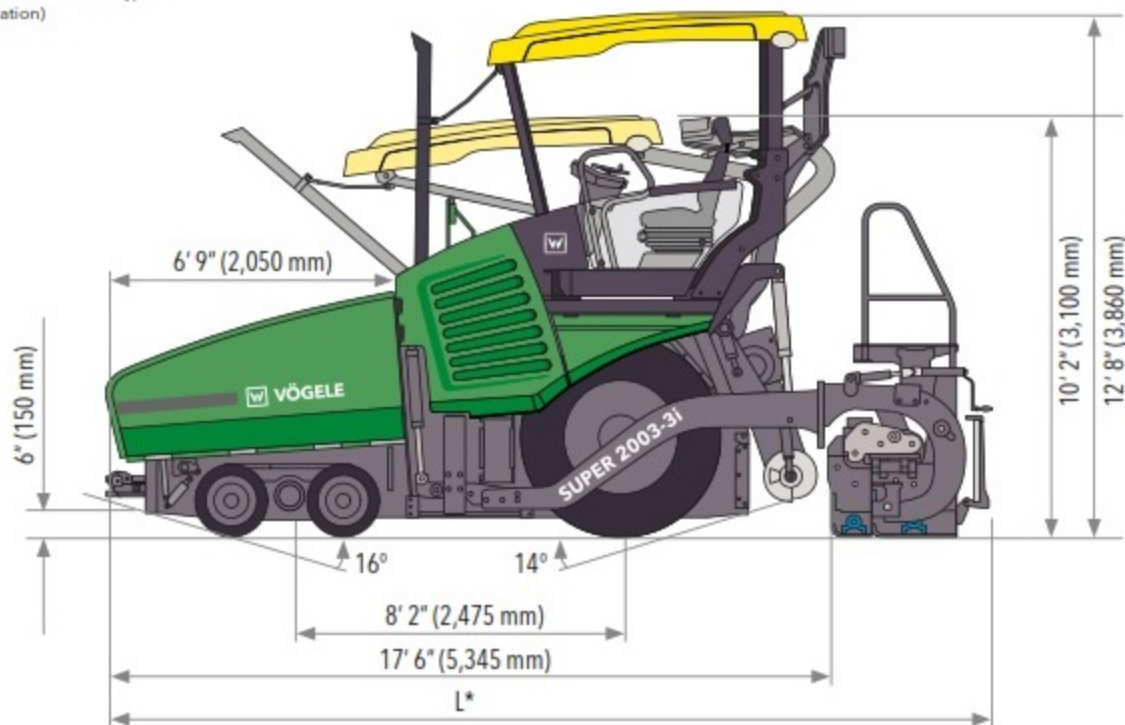
Maximum paving width 25 ft. 6 in. (7.75 m)  
Maximum laydown rate 1,540 tons/h (1,400 tonnes/h)  
Transport width 10 ft. (3.05 m)

**PREMIUM** LINE

 [www.voegele.info](http://www.voegele.info)

## All the Facts at a Glance

L\* = Dependent on screed type  
(see specification)



Power unit	
<b>Engine</b>	6-cylinder diesel engine, liquid-cooled
Manufacturer	Cummins
Type	QSB6.7-C250
<b>Output</b>	
Nominal	250 hp (186 kW) at 2,000 rpm (according to DIN)
ECO mode	235 hp (175 kW) at 1,700 rpm
<b>Exhaust emissions</b>	
<b>standard</b>	EU Stage 4, US EPA Tier 4f
Exhaust after-treatment	DOC, SCR
<b>Fuel Tank</b>	85 gal. (US) (320 liters)

Undercarriage	
<b>Front wheels</b>	4, mounted on bogies (oscillating axle)
Tire equipment	solid tires
Tire size	540/300 - 390
<b>Rear wheels</b>	2, pneumatic tires, tubeless
Tyre size	445/95R25
<b>Traction drive</b>	separate hydraulic drive provided for each wheel
Standard	2 rear wheels powered (6x2)
Options	2 rear wheels and 2 front wheels powered (6x4) 2 rear wheels and 4 front wheels powered (6x6)

Undercarriage	
<b>Speeds</b>	
Paving	up to 250 fpm (76 m/min.)
Travel	up to 12 mph (20 km/h)
<b>Outside turning radius</b>	18 ft. 4 in. (5.6 m) with "Pivot Steer"

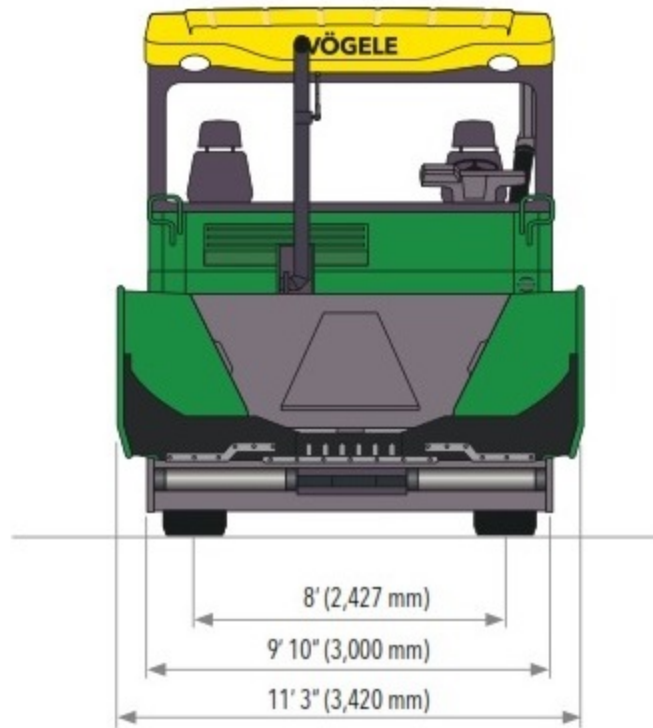
Material hopper	
Hopper capacity	16.5 tons (15 tonnes)
Width	11 ft. 3 in. (3,420 mm)
Feed height	24 in. (620 mm)
Push-rollers	
Standard	oscillating
Positions	can be displaced forwards by 3 in. (75 mm) or 6 in. (150 mm)
Option	truck hitch

Conveyors and augers	
Conveyors	2, with replaceable feeder bars, conveyor movement reversible for a short time
Drive	separate hydraulic drive provided for each conveyor
Speed	up to 197 fpm (60 m/min.), infinitely variable (manual or automatic)

**Key:** **DOC** = Diesel Oxidation Catalyst  
**SCR** = Selective Catalytic Reduction

**AB** = Extending Screed  
**V** = with vibration  
**TV** = with tamper and vibration

**VF** = Screed with Front-Mounted Extensions  
**VR** = Screed with Rear-Mounted Extensions



#### Conveyors and augers

<b>Augers</b>	2, with exchangeable auger blades, auger rotation reversible
Diameter	16 in. (400 mm)
Drive	separate hydraulic drive provided for each auger
Speed	up to 130 rpm, infinitely variable (manual or automatic)
Height	infinitely variable by 6 in. (15 cm), hydraulic
<b>Lubrication</b>	automatic centralized lubrication system with electrically driven grease pump

#### Screed options

<b>VF 600</b>	infinitely variable range	10 ft. to 19 ft. 6 in. (3.05 m to 5.95 m)
	maximum width (V)	25 ft. 6 in. (7.75 m)
	compacting system	V
<b>VR 600</b>	infinitely variable range	10 ft. to 19 ft. 8 in. (3.05 m to 6 m)
	maximum width (V)	24 ft. (7.3 m)
	compacting system	V

#### Screed options

AB 600	infinitely variable range	
	9 ft. 10 in. to 19 ft. 8 in. (3 m to 6 m)	
	maximum width (TV)	24 ft. 7 in. (7.5 m)
	compacting system	TV
Layer thickness	up to 12 in. (30 cm)	
Screed heating	electric by heating rods	
Power supply	three-phase A.C. generator	

#### Dimensions (transport) and weights

<b>Lengths</b>	tractor and screed
VF 600 V	21 ft. 4 in. (6.510 m)
VR 600 V	22 ft. 6 in. (6.865 m)
AB 600 TV	21 ft. 9 in. (6.625 m)
<b>Weights</b>	tractor, hardtop and screed
VF 600 V	46,848 lbs. (21,250 kg)
VR 600 V	47,730 lbs. (21,650 kg)
AB 600 TV	47,510 lbs. (21,550 kg)