

The Screed for SUPER 1700-3i

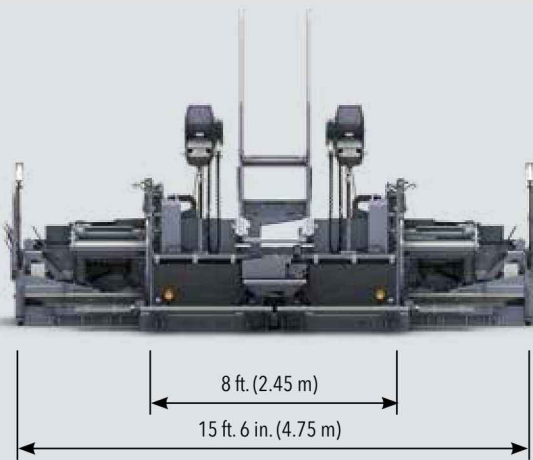
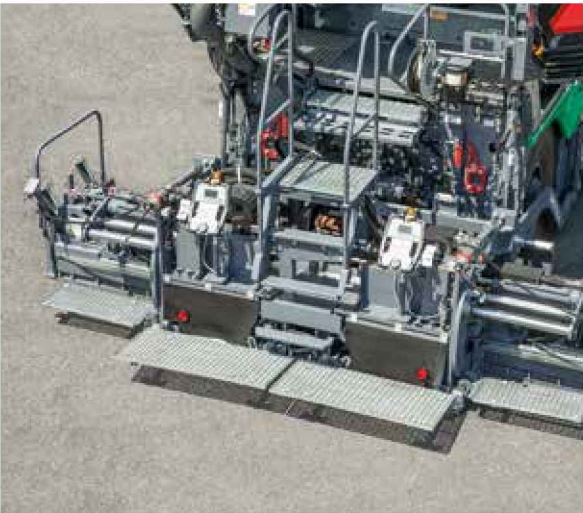
VF 500

Paving widths

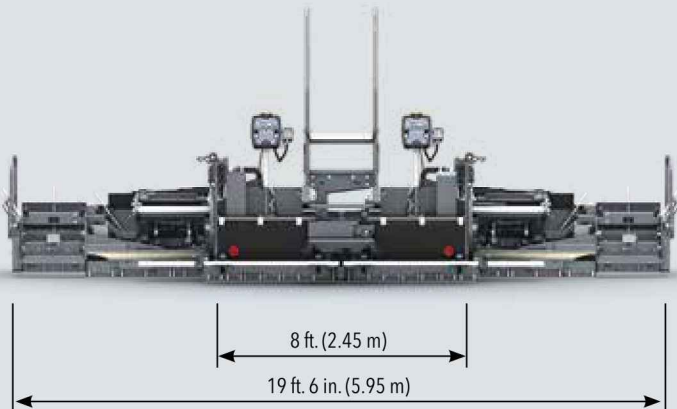
- » Infinitely variable range from 8 ft. to 15 ft. 6 in. (2.45 m to 4.75 m).
- » Maximum paving width through bolt-on extensions:
 - » 17 ft. 6 in. (2 x 12 in.) / 5.35 m (2 x 30 cm).
 - » 19 ft. 6 in. (2 x 24 in.) / 5.95 m (2 x 60 cm).

Compacting system

- » VF 500 V with vibration



VF 500 V without bolt-on extensions

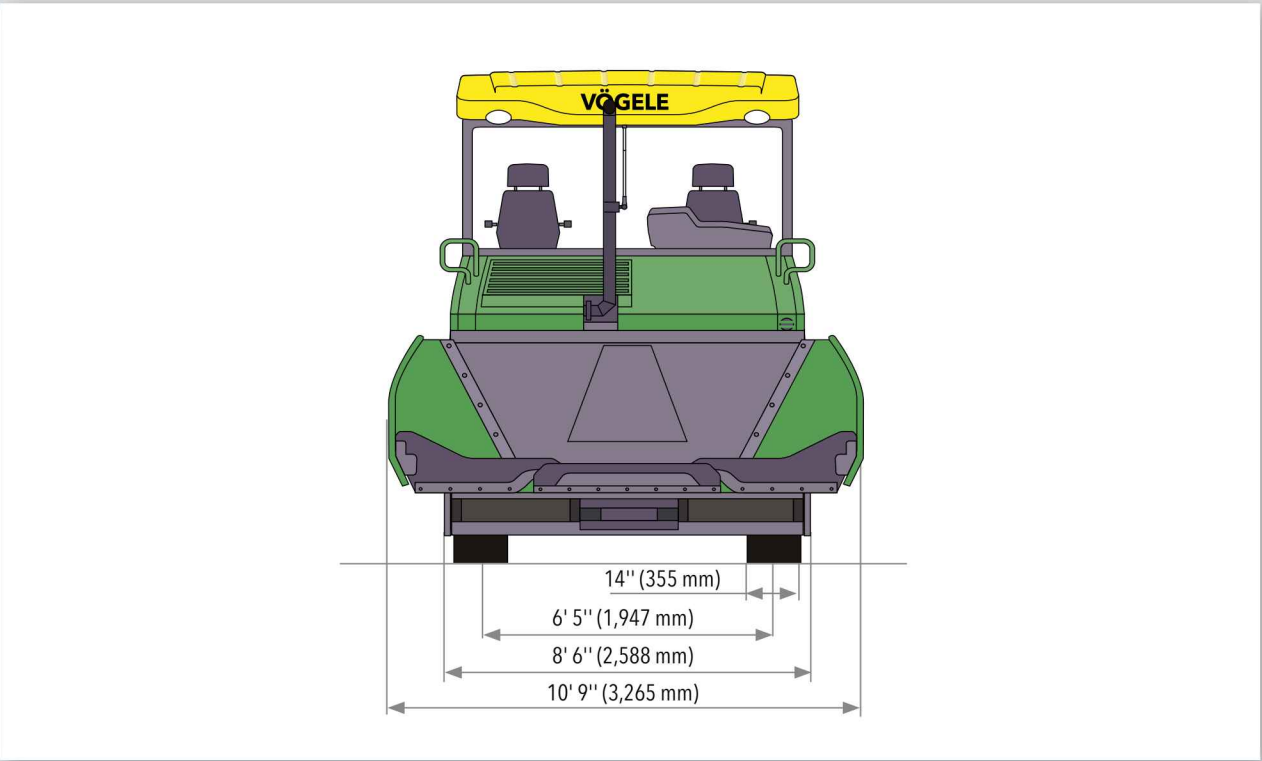
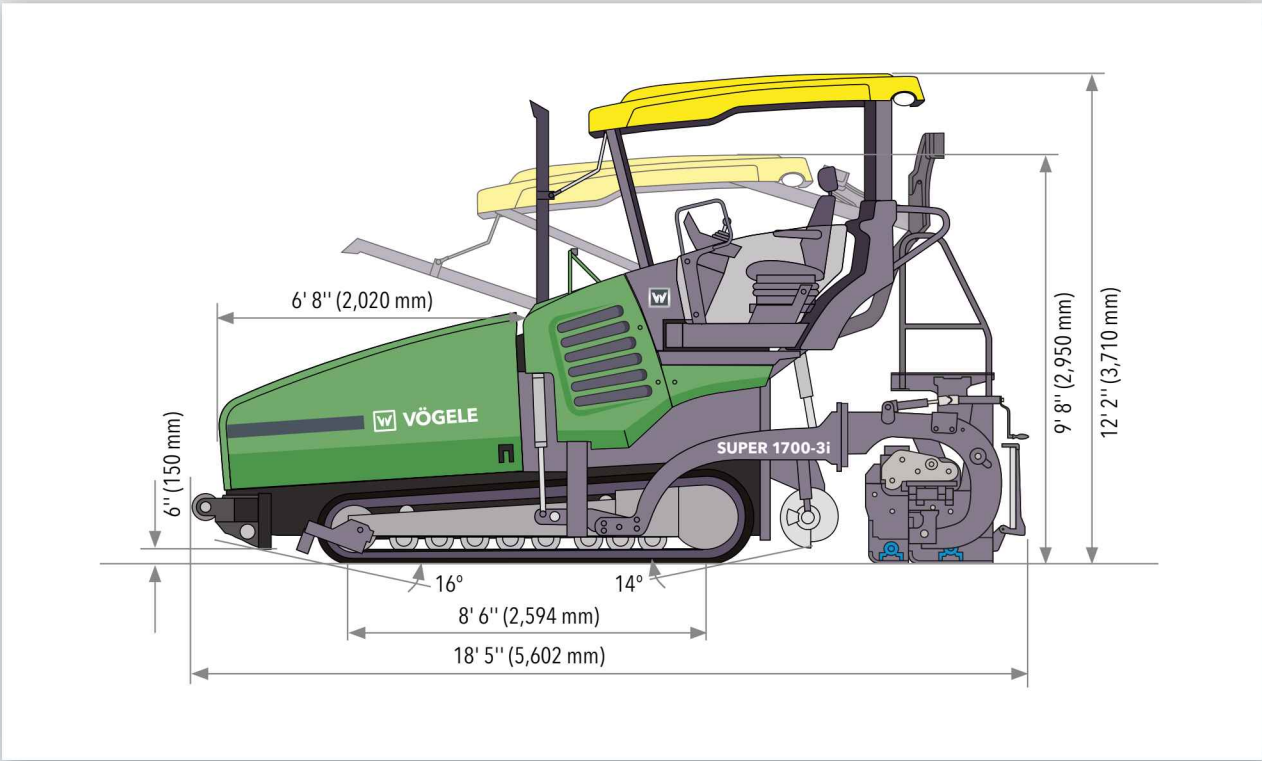


VF 500 V with 24 in. (60 cm) bolt-on extensions



SCREED

All the Facts at a Glance



Power Unit	
Engine	4-cylinder diesel engine, liquid-cooled
Manufacturer	Cummins
Type	QSB4.5 - C173
Output	
Nominal	173 hp (129 kW) at 2,000 rpm (according to DIN)
ECO mode	160 hp (119 kW) at 1,700 rpm
Exhaust Emissions	
Standard	EU Stage 4, US EPA Tier 4f
Exhaust after-treatment	DOC, SCR
Fuel tank	58 gallons (US) (220 liters)
Undercarriage	
Crawler Tracks	continuous rubber band
Ground Contact	8 ft. 6 in. x 1 ft. 2 in. (2,594 mm x 355 mm)
Track Rollers	lifetime grease lubricated
Traction Drive	separate hydraulic drive and electronic control provided for each crawler track
Speeds	
Paving	up to 250 fpm (76 m/min.), infinitely variable
Travel	up to 7.5 mph (12 km/h), infinitely variable

Material Hopper	
Hopper Capacity	14.3 tons (13 tonnes), including conveyor tunnel
Width	10 ft. 9 in. (3,265 mm)
Feed Height	24 in. (615 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 130 fpm (40 m/min.), infinitely variable (manual or automatic)

Conveyors and Augers	
Augers	2, with exchangeable auger blades, auger rotation reversible
Diameter	16 in. (400 mm)
Drive	separate hydraulic drive provided for each auger
Speed	up to 120 rpm, infinitely variable (manual or automatic)
Height	infinitely variable by 6 in. (15 cm), hydraulic
Lubrication	automatic centralized lubrication system with electrically driven grease pump
Screed Option	
VF 500	infinitely variable range 8 ft. to 15 ft. 6 in. (2.45 m to 4.75 m)
	maximum width 19 ft. 6 in. (5.95 m)
Screed Version	V
Layer Thickness	up to 12 in. (30 cm)
Screed Heating	electrically by heating rods
Power Supply	three-phase A.C. generator

Dimensions (Transport) and Weights	
Width	8 ft. 6 in. (2.59 m)
Length	tractor and screed
VF 500 V	18 ft. 5 in. (5.6 m)
Weights	tractor, hardtop and screed
VF 500 V	40,345 lbs. (18.3 t)

Key: DOC = Diesel Oxidation Catalyst VF = Screed with Front-Mounted Extensions
SCR = Selective Catalytic Reduction V = with vibration

Technical alterations reserved.



The VÖGELE QR Code leads you directly to the "SUPER 1700-3i" on our website.



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