

Technical information

SUPER 800-5 P



Tracked paver SUPER 800-5 P

Mini Class

TECHNICAL HIGHLIGHTS

- > Maximum paving width 1 ft. 7 in. – 11 ft. 5 in. (0.5 – 3.5 m)
- > Maximum laydown rate 330 tons/h (300 tonnes/h)
- > Transport width 4 ft. 7 in. (1.4 m)
- > Engine output: 74 hp (55.4 kW) at 2,200 rpm



Great class in a small package: The new SUPER 800-5 P

VÖGELE presents the SUPER 800-5 P, the first Mini Class paver of the new generation. In combination with the AB 200 and AB 220 Extending Screeds, it delivers pave widths between 1 ft. 7 in. (0.5 m) and 11 ft. 5 in. (3.5 m) - making it ideal for narrow projects.

Compared to its predecessor, the "Dash 5" model integrates numerous new features, such as the new and improved hopper mechanism, the new ErgoBasic 5 operating system and the optimized paver operator's platform which provides an even better view of all the paving-related areas.



TECHNICAL DATA		SUPER 800-5 P
Power unit		
Engine		
> Version		liquid-cooled 4-cylinder diesel engine
> Manufacturer		Deutz
> Type		TCD 2.9 L4
Output		
> Nominal		74 hp (55.4 kW) at 2,200 rpm
> ECO mode		73 hp (54.7 kW) at 1,800 rpm
Emissions information		
> Exhaust gas after-treatment		DOC, DPF
Fuel tank		21 gallons (US) (80 liters)
Undercarriage		
Crawler tracks		
> Version		with rubber pads
> Ground contact		4 ft. 11 in. x 7 in. (1,500 x 180 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 98 fpm (30 m/min.), infinitely variable
> Travel		Up to 2.2 mph (3.6 km/h), infinitely variable
Material hopper		
Hopper capacity		12,790 lbs. (5.8 tonnes)
Width		10 ft. 1 in. (3,090 mm)
Dump height		1 ft. 11 in. (590 mm) (bottom of material hopper)
Push-rollers		
> Standard		Oscillating, fold up with the hopper wings
Position		Adjustable by 4 in. (10 cm) to the front, 1 ft. 7 in. (50 cm) to the left

Conveyors and augers

Conveyor

> Version 1, with replaceable feeder bars; conveyor movement is reversible

Drive

Hydraulic

Speed

Up to 66 fpm (20 m/min.), infinitely variable (manual or automatic)

Augers

> Version 2, mounted overhung; auger rotation is reversible

Diameter

12 in. (300 mm)

Drive

Separate hydraulic drive for each auger

Height

> Standard Infinitely variable by 4 in. (10 cm), mechanical

> Option Infinitely variable by 4 in. (10 cm), hydraulic

Scree options

AB 200

AB 220

Basic width

3 ft. 7 in. to 6 ft. 6 in. (1.1 m to 2 m)

3 ft. 11 in. to 7 ft. 3 in. (1.2 m to 2.2 m)

Maximum width

10 ft. 6 in. (3.2 m)

11 ft. 5 in. (3.5 m)

Minimum width

1 ft. 7 in. (0.5 m)

Compacting system

V

Layer thickness

Up to 8 in. (20 cm)

Scree heating

> Version

Electric, by heating rods

> Power supply

Three-phase AC generator

Dimensions (transport) and weights

Clearance width

4 ft. 7 in. (1.4 m)

Length

Tractor unit and screed

> AB 200/220

14 ft. 5 in. (4.4 m)

Weights

Tractor unit and screed

> AB 200 V

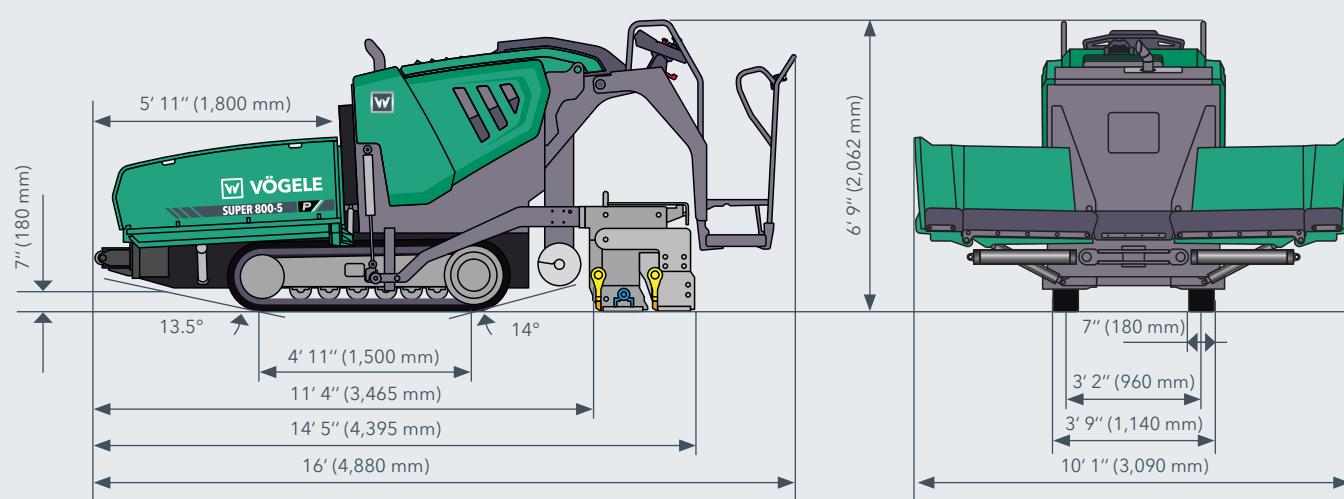
14,330 lbs (6,500 kg)

> AB 220 V

14,550 lbs (6,600 kg)

Key: DOC = Diesel Oxidation Catalyst, DPF = Diesel Particulate Filter, AB = Extending Scree, V = with vibration, TV = with tamper and vibration

SIDE AND FRONT VIEW



THE HIGHLIGHTS OF THE SUPER 800-5 P

- > Wide range of paving applications from 1 ft. 7 in. - 11 ft. 5 in. (0.5 - 3.5 m) for a large number of paving projects
- > Shallow material hopper with new hinging mechanism and elevated paver operator's platform give paver operators a perfect overview
- > The new hopper mechanism provides the option of feeding the paver asymmetrically from both sides
- > The new ErgoBasic 5 operating concept delivers improved, intuitive operation
- > ErgoBasic 5 paver operator's console with ergonomic slope adjustment
- > Operation of the Auto Grade Basic system for automated grade and slope control is integrated in the ErgoBasic 5 screed operator's console
- > Storage package with tool holder, luggage net, bottle holder, coat hooks, and charging connection for mobile devices
- > The height-adjustable 24 V LED lighting makes operation easier and provides greater safety in the dark
- > Floodlight for perfect illumination of the working area at night
- > Lighting package with illumination of the paver operator's platform, the levelling indicator, and the auger tunnel
- > AB 200 TV extending screed or AB 220 TV extending screed with tamper and vibrators

FEATURES	SUPER 800-5 P
> Powerful three-phase AC generator	<input checked="" type="checkbox"/>
> Simple, ergonomic ErgoBasic 5 operating concept	<input checked="" type="checkbox"/>
> ErgoBasic 5 screed operator's console with color display	<input checked="" type="checkbox"/>
> Weather shield for paver operator's platform	<input type="checkbox"/>
> 4 working lights with 24 V	<input checked="" type="checkbox"/>
> 4 height-adjustable LED floodlights (24 V) for night operations	<input type="checkbox"/>
> Illumination of the auger tunnel and the (screed) tow point rams	<input type="checkbox"/>
> Lighting for the footwell and the step up onto the paver operator's platform	<input type="checkbox"/>
> Oscillating push-rollers	<input checked="" type="checkbox"/>
> 12,790 lbs. (5.8 tonnes) capacity material hopper	<input checked="" type="checkbox"/>
> Asymmetrical material hopper	<input checked="" type="checkbox"/>
> Manual auger height adjustment	<input checked="" type="checkbox"/>
> Hydraulic auger height adjustment	<input type="checkbox"/>
> Mechanical sensor to control augers	<input checked="" type="checkbox"/>
> Sonic sensor to control augers	<input type="checkbox"/>
> Screed Assist (hydraulic)	<input type="checkbox"/>
> Auto Grad Basic System for Automated Grade and Slope Control	<input type="checkbox"/>
> Variety of grade and slope control sensors	<input type="checkbox"/>
> Washdown system with tank and hose reel	<input type="checkbox"/>
> Storage package	<input type="checkbox"/>

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

Standard features and options may differ by sales region.

Standard feature

Option

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