

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

P

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

Screed options

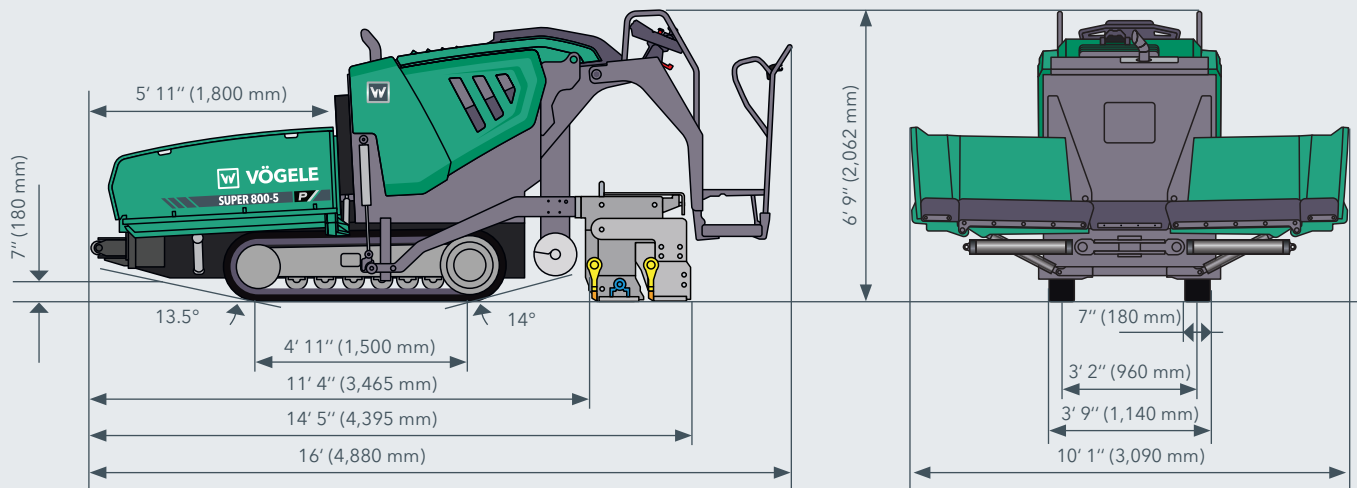
	AB 200	AB 220
Basic width	3 ft. 7 in. to 6 ft. 6 in. (1.1 m to 2 m)	3 ft. 11 in. to 7 ft. 3 in. (1.2 m to 2.2 m)
Maximum width	10 ft. 6 in. (3.2 m)	11 ft. 5 in. (3.5 m)
Minimum width	1 ft. 7 in. (0.5 m)	
Compacting system	V	
Layer thickness	Up to 8 in. (20 cm)	
Screed heating		
> Version	Electric, by 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 Screed, 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	■
> Simple, ergonomic ErgoBasic 5 operating concept	■
> ErgoBasic 5 screed operator's console with color display	■
> Weather shield for paver operator's platform	□
> 4 working lights with 24 V	■
> 4 height-adjustable LED floodlights (24 V) for night operations	□
> Illumination of the auger tunnel and the (screed) tow point rams	□
> Lighting for the footwell and the step up onto the paver operator's platform	□
> Oscillating push-rollers	■
> 12,790 lbs. (5.8 tonnes) capacity material hopper	■
> Asymmetrical material hopper	■
> Manual auger height adjustment	■
> Hydraulic auger height adjustment	□
> Mechanical sensor to control augers	■
> Sonic sensor to control augers	□
> Screed Assist (hydraulic)	□
> Auto Grad Basic System for Automated Grade and Slope Control	□
> Variety of grade and slope control sensors	□
> Washdown system with tank and hose reel	□
> Storage package	□

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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