

RANGE OF PRODUCTS

2021



PREMIUM
LINE

CLASSIC
LINE

Precise classification, better orientation!



The VÖGELE SUPER 3000-3(i),
the flagship among the company's pavers.

VÖGELE's seamless product range is considered unique in the industry. Whether a service road or a motorway, an airfield or a race track, a new construction or a rehabilitation job, thick or thin, hot or cold – customers will find the right machine in our paver range for every paving task.

To make it even easier to find your way around the comprehensive product range, we have divided it into two lines: the Premium Line and the Classic Line.

The Classic Line comprises pavers equipped with the easy-to-grasp ErgoBasic operating system.

The Premium Line comprises all pavers that feature cutting-edge technology and advanced mechanical engineering. Premium Line products are all equipped with the ErgoPlus 3 operating concept.

The two product lines are further divided into up to five different classes: the Mini Class, Compact Class, Universal Class, Highway Class and Special Class.

All road pavers are thus allocated to one of the lines based on their operating concept and equipment as well as to one of the classes, depending on their pave width, performance and areas of application.

This maximizes transparency and clarity, giving you the assurance you need to perfectly meet all challenges in road construction with the optimum paver.

VÖGELE road pavers

PREMIUM LINE

» ErgoPlus 3

The more technologies integrated in a machine, the more important the operating concept. The ErgoPlus 3 operating concept focusses on the machine operator and combines an impressive array of practical features.



» Niveltronic Plus

The fully integrated system is primarily characterized by its ease of operation, precision and reliability.

» "Dash 3" features

AutoSet Plus automatic functions, **PaveDock** push-rollers, **PaveDock Assistant** communication system and **VÖGELE EcoPlus** low-emissions package.

CLASSIC LINE

» ErgoBasic

The ErgoBasic operating concept was developed on the basis of ErgoPlus and tailored specifically to the needs and requirements of Classic Line users.
















» Niveltronic Basic

The System for Automated Grade and Slope Control for Classic Line pavers features particularly simple and intuitive handling.

Product overview







PREMIUM LINE

Compact Class		SUPER 1300-3(i) tracked paver			Page
		Maximum pave width	5 m	Weight	10,800 kg
Maximum laydown rate	350 t/h	Basic width	1.85 m		
Compact Class		SUPER 1303-3(i) wheeled paver			Page
		Maximum pave width	4.5 m	Weight	10,650 kg
Maximum laydown rate	250 t/h	Basic width	1.85 m		
Universal Class		SUPER 1600-3(i) tracked paver			Page
		Maximum pave width	7.5 m*	Weight	18,350 kg
	Maximum laydown rate	600 t/h	Basic width	2.55 m	
		SUPER 1603-3(i) wheeled paver			Page
		Maximum pave width	7 m*	Weight	17,750 kg
	Maximum laydown rate	600 t/h	Basic width	2.55 m	
	SUPER 1700-3(i) tracked paver			Page	
	Maximum pave width	5.95 m	Weight	18,300 kg	34
Maximum laydown rate	700 t/h	Basic width	2.59 m		
	SUPER 1703-3(i) wheeled paver			Page	
	Maximum pave width	5.95 m	Weight	17,300 kg	36
Maximum laydown rate	700 t/h	Basic width	2.59 m		
	SUPER 1800-3(i) tracked paver			Page	
	Maximum pave width	10 m	Weight	19,700 kg	38
Maximum laydown rate	700 t/h	Basic width	2.55 m		
	SUPER 1803-3(i) wheeled paver			Page	
	Maximum pave width	8 m	Weight	18,500 kg	40
Maximum laydown rate	700 t/h	Basic width	2.55 m		
Highway Class		SUPER 1900-3(i) tracked paver			Page
		Maximum pave width	11 m	Weight	21,050 kg
	Maximum laydown rate	900 t/h	Basic width	2.55 m	
		SUPER 2000-3(i) tracked paver			Page
		Maximum pave width	8.6 m	Weight	22,250 kg
Maximum laydown rate	1,400 t/h	Basic width	3 m		
	SUPER 2003-3(i) wheeled paver			Page	
	Maximum pave width	7.75 m	Weight	21,250 kg	48
Maximum laydown rate	1,400 t/h	Basic width	3 m		
	SUPER 2100-3(i) tracked paver			Page	
	Maximum pave width	13 m	Weight	21,950 kg	50
Maximum laydown rate	1,100 t/h	Basic width	2.55 m		
	SUPER 3000-3(i) tracked paver			Page	
	Maximum pave width	18 m	Weight	31,800 kg	52
Maximum laydown rate	1,800 t/h	Basic width	3 m		

PREMIUM LINE

Special Class		SUPER 1800-3(i) SprayJet			Page
		Maximum width of spread	6 m	Weight	22,810 kg
Maximum laydown rate	700 t/h	Basic width	2.55 m		
Special Class		SUPER 2100-3i IP binder course paver for InLine Pave			Page
		Maximum pave width	8.5 m	Weight	29,000 kg
Maximum laydown rate	1,100 t/h	Basic width	3 m		
PowerFeeder		MT 3000-3(i) Standard PowerFeeder			Page
		Maximum conveying capacity	1,200 t/h	Weight	19,765 kg
Basic width	3 m				
PowerFeeder		MT 3000-3(i) Offset PowerFeeder			Page
		Maximum conveying capacity	1,200 t/h	Weight	24,285 kg
Basic width	3 m				

CLASSIC LINE

Mini Class		SUPER 700(i) tracked paver			Page
		Maximum pave width	3.2 m	Weight	6,500 kg
Maximum laydown rate	250 t/h	Basic width	1.33 m		
Mini Class		SUPER 800(i) tracked paver			Page
		Maximum pave width	3.5 m	Weight	6,500 kg
Maximum laydown rate	300 t/h	Basic width	1.33 m		
Compact Class		SUPER 1000(i) tracked paver			Page
		Maximum pave width	3.9 m	Weight	10,250 kg
Maximum laydown rate	270 t/h	Basic width	1.85 m		
Compact Class		SUPER 1003(i) wheeled paver			Page
		Maximum pave width	3.9 m	Weight	10,000 kg
Maximum laydown rate	230 t/h	Basic width	1.85 m		
Universal Class		SUPER 1600 tracked paver			Page
		Maximum pave width	6.3 m	Weight	17,580 kg
Maximum laydown rate	600 t/h	Basic width	2.55 m		
Universal Class		SUPER 1603 wheeled paver			Page
		Maximum pave width	6.3 m	Weight	17,000 kg
Maximum laydown rate	600 t/h	Basic width	2.55 m		

*Maximum pave width is only available on request and requires additional equipment.

Mini Class – small and efficient

The **Mini Class** encompasses VÖGELE's small pavers, which are designed both for repair work and for the construction of cycle paths, footpaths and farm tracks, minor roads, car parks and sports grounds. They fill trenches, pave surfaces in halls or underground car parks and can be used in landscaping projects. Equipped with the ErgoBasic operating system, the machines are part of the VÖGELE Classic Line.



CLASSIC
LINE



SUPER 700(i)

Thanks to its compact dimensions, its excellent manoeuvrability, its variable pave width and its performance, the SUPER 700(i) is the ideal paver for constructing small paths, roads and areas.

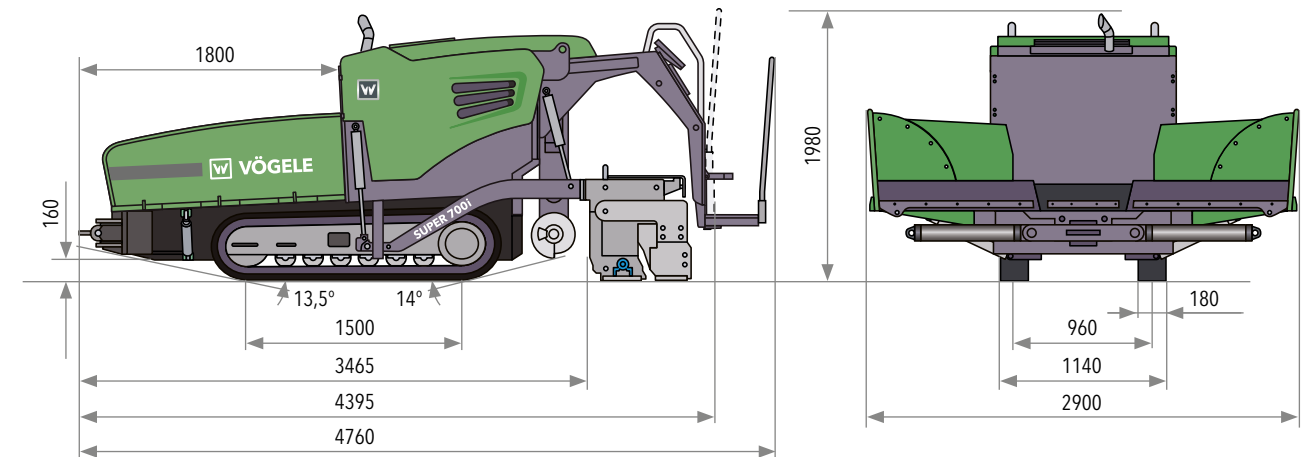
The excellent price/performance ratio of the SUPER 700(i) also makes it the ideal choice for both private and municipal road building contractors.

- » **Compact dimensions** enable it to be used on very confined job sites
- » **Modern machine design** ensures perfect visibility for the machine operator
- » **Particularly easy-to-use** ErgoBasic operating concept
- » **Asymmetrical hopper sides** facilitate supply with mix by feed lorry even in confined spaces
- » **Advanced and powerful** 4-cylinder diesel engine
- » **Traction drives in closed loops** guarantee positive tracking and precise steering
- » **Cutting-edge** AB 200 V Extending Screed or AB 220 V Extending Screed with vibrators



Subject to technical changes.

- » **Maximum pave width** 3.2 m
- » **Maximum laydown rate** 250 t/h



Power unit	
SUPER 700i	for EU/EFTA countries/USA/Canada
Engine	Deutz
Type	TCD 2.9 L4
Output	
Nominal	55.4 kW at 2,200 rpm (according to DIN)
ECO mode	54 kW at 1,800 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF
Fuel tank	80 litres

SUPER 700	
SUPER 700	for all other countries
Engine	Deutz
Type	TD 2.9 L4
Output	
Nominal	54 kW at 2,200 rpm (according to DIN)
ECO mode	49 kW at 1,800 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	80 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	1,500 x 180 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 30 m/min., infinitely variable
Transport	up to 3.6 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive
Conveyors	1, with replaceable feeder bars, direction of conveyor reversible

Conveyors and augers	
Augers	2, auger rotation reversible, mounted overhung
Diameter	300 mm
Auger height	
Standard	infinitely variable by 10 cm, mechanical
Option	infinitely variable by 10 cm, hydraulic

Material hopper	
Hopper capacity	5.8 t
Width	2,900 mm

Screeds	
AB 200	
Basic width	1.1 to 2 m
Maximum width	3.2 m
Min. pave width	0.5 m
Compacting system	V
AB 220	
Basic width	1.2 to 2.2 m
Maximum width	3.2 m
Min. pave width	0.5 m
Compacting system	V
Layer thickness	up to 15 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weights	
Width	1.33 m
Length	paver with screed
AB 200/220	4.4 m
Weights	paver with screed
AB 200	6,500 kg
AB 220	6,600 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **V** = with vibrators
DPF = diesel particulate filter



SUPER 800(i)

In combination with **Extending Screeds** AB 200 TV and AB 220 TV, the SUPER 800(i) achieves extraordinarily high precompaction values for this class of paver.

It is the ideal mini paver for a wide range of applications such as the construction and repair of farm tracks, minor roads, footpaths and cycle paths.

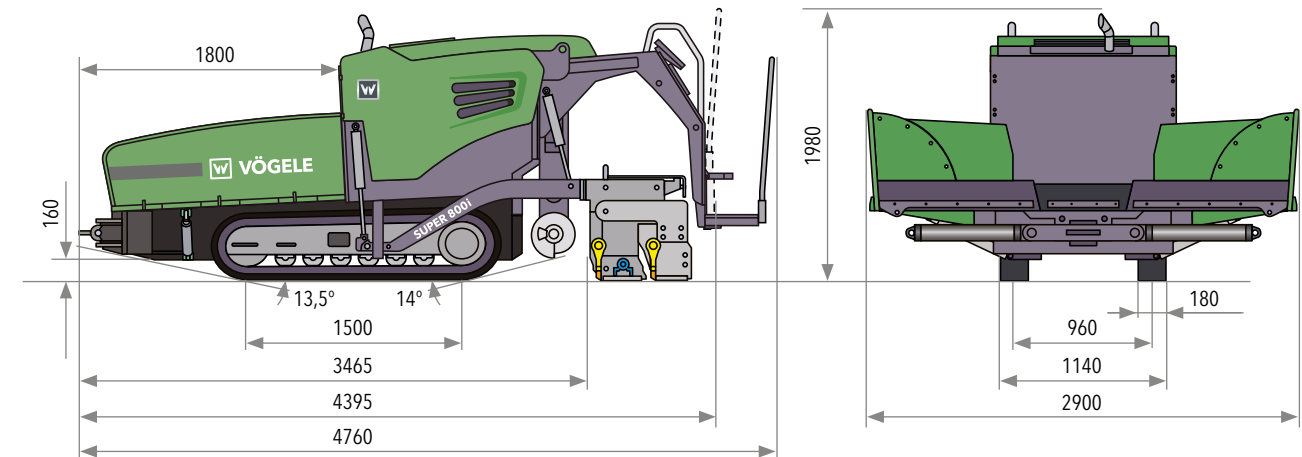
The excellent price/performance ratio of the SUPER 800(i) also makes it the ideal choice for many local authority contractors.

- » **Compact dimensions** enable it to be used on very confined job sites
- » **Modern machine design** ensures perfect visibility for the machine operator
- » **Particularly easy-to-use** ErgoBasic operating concept
- » **Asymmetrical hopper sides** facilitate supply with mix by feed lorry even in confined spaces
- » **Advanced and powerful** 4-cylinder diesel engine
- » **Traction drives in closed loops** guarantee positive tracking and precise steering
- » **Cutting-edge** AB 200 TV Extending Screed and AB 220 TV Extending Screed with tamper and vibrators for high precompaction



Subject to technical changes.

- » **Maximum pave width** 3.5 m
- » **Maximum laydown rate** 300 t/h



Power unit	
SUPER 800i	for EU/EFTA countries/USA/Canada
Engine	Deutz
Engine	TCD 2.9 L4
Output	
Nominal	55.4 kW at 2,200 rpm (according to DIN)
ECO mode	54 kW at 1,800 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF
Fuel tank	80 litres

SUPER 800		for all other countries	
Engine	Deutz		
Type	TD 2.9 L4		
Output			
Nominal	54 kW at 2,200 rpm (according to DIN)		
ECO mode	49 kW at 1,800 rpm		
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3		
Fuel tank	80 litres		

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	1,500 x 180 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 30 m/min., infinitely variable
Transport	up to 3.6 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive
Conveyors	1, with replaceable feeder bars, direction of conveyor reversible

Conveyors and augers	
Augers	2, auger rotation reversible, mounted overhung
Diameter	300 mm
Auger height	
Standard	infinitely variable by 10 cm, mechanical
Option	infinitely variable by 10 cm, hydraulic

Material hopper	
Hopper capacity	5.8 t
Width	2,900 mm

Screeds	
AB 200	
Basic width	1.1 to 2 m
Maximum width	3.2 m
Min. pave width	0.5 m
Compacting system	TV
AB 220	
Basic width	1.2 to 2.2 m
Maximum width	3.5 m
Min. pave width	0.5 m
Compacting system	TV
Layer thickness	up to 20 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weights	
Width	1.33 m
Length	paver with screed
AB 200/220	4.4 m
Weights	paver with screed
AB 200	6,500 kg
AB 220	6,600 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **TV** = with tamper and vibrators
DPF = diesel particulate filter

Compact Class – compact and manoeuvrable

These are the hallmarks of Compact Class pavers. VÖGELE compact pavers are hence particularly suitable for small to mid-sized construction jobs with confined conditions, such as the construction or rehabilitation of combined foot and cycle paths, city streets, farm tracks and even small to medium-sized areas.





SUPER 1000(i)

Compact dimensions, easy handling and excellent value for money – that’s what the new VÖGELE SUPER 1000(i) tracked paver has to offer. A member of the Classic Line, it features a range of functions which is focussed on the essentials required by paving teams for successful operations.

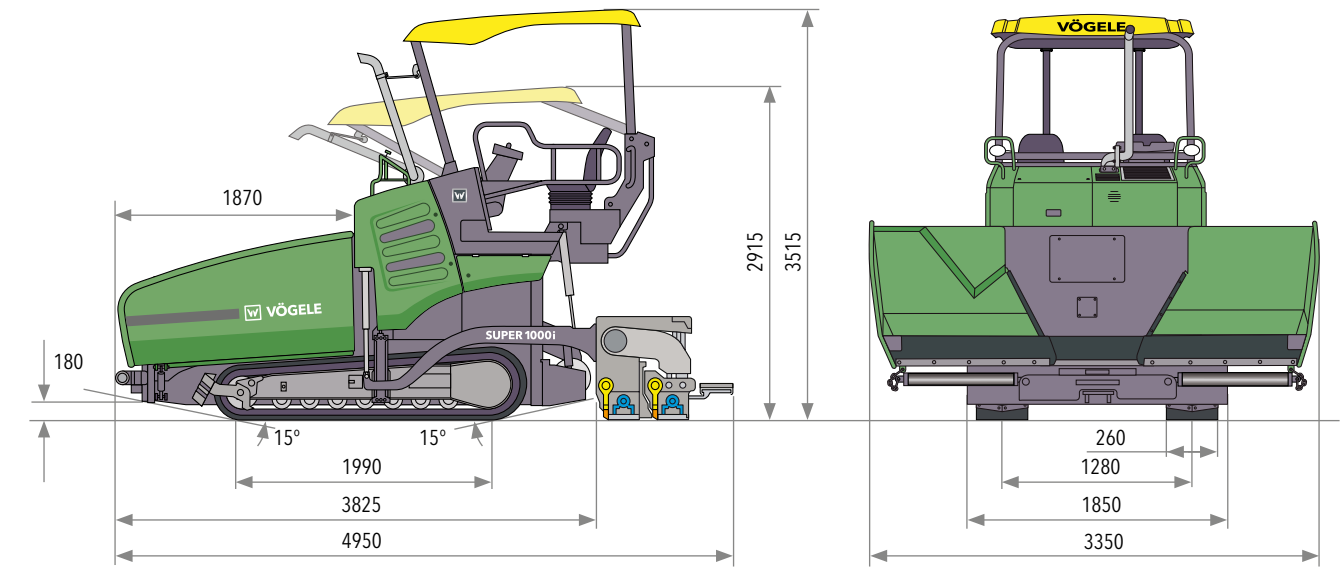
The SUPER 1000(i) can be combined with the AB 340 Extending Screed in the versions with vibrators (V) or with tamper and vibrators (TV).

- » **Maximum pave width** 3.9 m
- » **Laydown rate** 270 t/h
- » **Transport width** 1.85 m
- » **Simple to handle** thanks to the innovative and easy-to-understand ErgoBasic operating concept
- » **AB 340 Extending Screed** in the V and TV versions



Subject to technical changes.

- » **Maximum pave width** 3.9 m
- » **Maximum laydown rate** 270 t/h



Power unit	
SUPER 1000i	for EU/EFTA countries/USA/Canada
Engine	Deutz
Type	TCD 3.6 L4
Output	
Nominal	55,4 kW at 2,000 rpm (according to DIN)
ECO mode	55,4 kW at 1,600 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF
Fuel tank	110 litres

SUPER 1000	
for all other countries	
Engine	Deutz
Type	TCD 3.6 L4
Output	
Nominal	55 kW at 2,000 rpm (according to DIN)
ECO mode	54 kW at 1,600 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	110 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	1,990 x 260 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 18 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible

Conveyors and augers	
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	300 mm
Auger height	
Standard	infinitely variable by 13 cm, mechanical
Option	infinitely variable by 13 cm, hydraulic

Material hopper	
Hopper capacity	10 t
Width	3,350 mm

Screed	
AB 340	
Basic width	1.8 to 3.4 m
Maximum width	3.9 m
Min. pave width with system for pave width reduction	0.75 m
Reduction in width	by cut-off shoes 2 x 52.5 cm
Compacting systems	V, TV
Layer thickness	up to 15 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	1.85 m
Length	paver with screed
AB 340	4.95 m
Weight	paver with screed
AB 340 TV	10,250 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **V** = with vibrators
DPF = diesel particulate filter **TV** = with tamper and vibrators-



SUPER 1003(i)

With compact dimensions and great manoeuvrability, the VÖGELE SUPER 1003(i) wheeled paver offers a winning combination of simple handling and excellent value for money. A member of the Classic Line, it features a range of functions which is focussed on the essentials required by paving teams for successful operations.

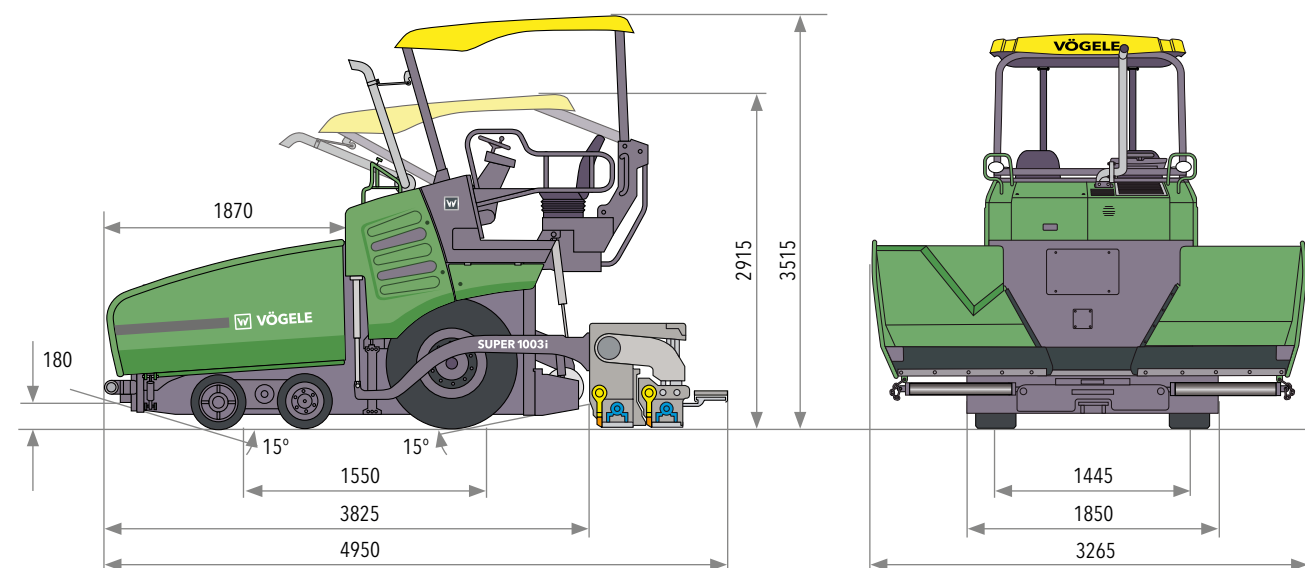
The SUPER 1003(i) can be combined with the AB 340 Extending Screed in the versions with vibrators (V) or with tamper and vibrators (TV).

- » **Maximum pave width** 3.9 m
- » **Laydown rate** 230 t/h
- » **Transport width** 1.85 m
- » **Simple to handle** thanks to the innovative and easy-to-understand ErgoBasic operating concept
- » **Outside turning circle** just 3.8 m thanks to Pivot Steer
- » **AB 340 Extending Screed** in the V and TV versions



Subject to technical changes.

- » **Maximum pave width** 3.9 m
- » **Maximum laydown rate** 230 t/h



Power unit	
SUPER 1003i	for EU/EFTA countries/USA/Canada
Engine	Deutz
Type	TCD 3.6 L4
Output	
Nominal	55,4 kW at 2,000 rpm (according to DIN)
ECO mode	55,4 kW at 1,600 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF
Fuel tank	105 litres

SUPER 1003	for all other countries
Engine	Deutz
Type	TCD 3.6 L4
Output	
Nominal	55 kW at 2,000 rpm (according to DIN)
ECO mode	54 kW at 1,600 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	105 litres

Undercarriage	
Drive	electronically controlled separate hydraulic drive provided for each wheel
Standard	2 rear wheels (6x2)
Optional	2 rear and 2 front wheels (6x4)
Speeds	
Paving	up to 18 m/min., infinitely variable
Transport	up to 20 km/h, infinitely variable
Outside turning circle	min. 3.8 m (with Pivot Steer)

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor

Conveyors and augers	
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	300 mm
Auger height	
Standard	infinitely variable by 13 cm, mechanical
Option	infinitely variable by 13 cm, hydraulic

Material hopper	
Hopper capacity	10 t
Width	3,265 mm

Screed	
AB 340	
Basic width	1.8 to 3.4 m
Maximum width	3.9 m
Min. pave width with system for pave width reduction	0.75 m
Reduction in width	by cut-off shoes 2 x 52.5 cm
Compacting systems	V, TV
Layer thickness	up to 15 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	1.85 m
Length	paver with screed
AB 340	4.95 m
Weight	paver with screed
AB 340 TV	10,000 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **V** = with vibrators
DPF = diesel particulate filter **TV** = with tamper and vibrators



SUPER 1300-3(i)

The **SUPER 1300-3(i)** is extremely compact and yet has a high laydown rate and a pave width of up to 5 m.

With a range of pave widths extending from 0.75 m to 5 m, the SUPER 1300-3(i) copes effortlessly with combined foot and cycle paths, farm tracks and minor roads and areas.

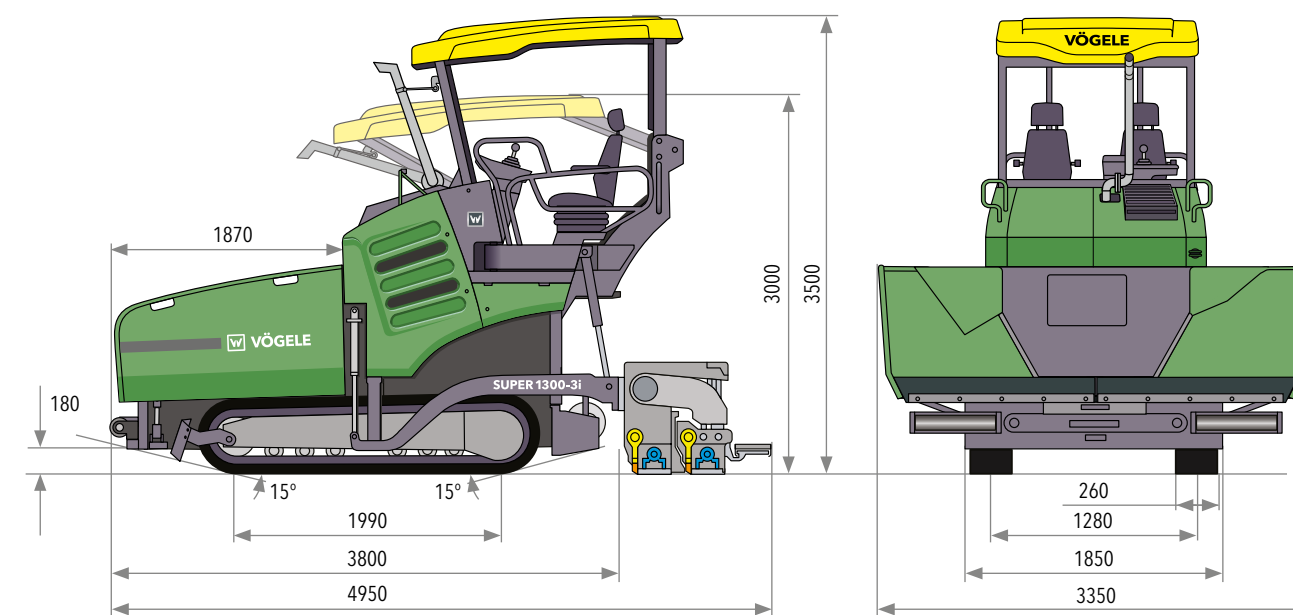
- » **Advanced and powerful diesel engine** delivering 74.4 kW
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **Hardtop** made of glass fibre-reinforced polymer material with wide sunshades
- » **PaveDock Assistant** improves process reliability during transfer of the mix
- » **AB 340 Extending Screed** in the V and TV versions
- » **Powerful electric screed heating**



Subject to technical changes.

- » **Maximum pave width** 5 m
- » **Maximum laydown rate** 350 t/h

Dimensions in mm



Power unit	
SUPER 1300-3i	for EU/EFTA countries/USA/Canada
Engine	Deutz
Type	TCD 3.6 L4
Output	
Nominal	74.4 kW at 2,000 rpm (according to DIN)
ECO mode	68.7 kW at 1,600 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	110 litres
SUPER 1300-3	for all other countries
Engine	Deutz
Type	TCD 3.6 L4
Output	
Nominal	74.4 kW at 2,000 rpm (according to DIN)
ECO mode	68.7 kW at 1,600 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	110 litres
Undercarriage	
Crawler tracks	with rubber pads
Ground contact	1,990 x 260 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 30 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable
Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible

Conveyors and augers	
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	300 mm
Auger height	
Standard	infinitely variable by 13 cm, mechanical
Option	infinitely variable by 13 cm, hydraulic
Material hopper	
Hopper capacity	10 t
Width	3,350 mm
Screed	
AB 340	
Basic width	1.8 to 3.4 m
Maximum width (TV)	5 m
Min. pave width with system for pave width reduction	0.75 m
Reduction in width	by cut-off shoes 2 x 52.5 cm
Compacting systems	V, TV
Layer thickness	up to 25 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator
Dimensions (transport) and weight	
Width	1.85 m
Length	paver with screed
AB 340	4.95 m
Gewicht	paver with screed
AB 340 TV	10,800 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **V** = with vibrators
DPF = diesel particulate filter **TV** = with tamper and vibrators
SCR = selective catalytic reduction



SUPER 1303-3(i)

The **SUPER 1303-3(i)** features an extremely compact design and superb manoeuvrability. A basic width of 1.85 m and an overall length of just 4.95 m make the compact paver ideal for jobs in confined spaces.

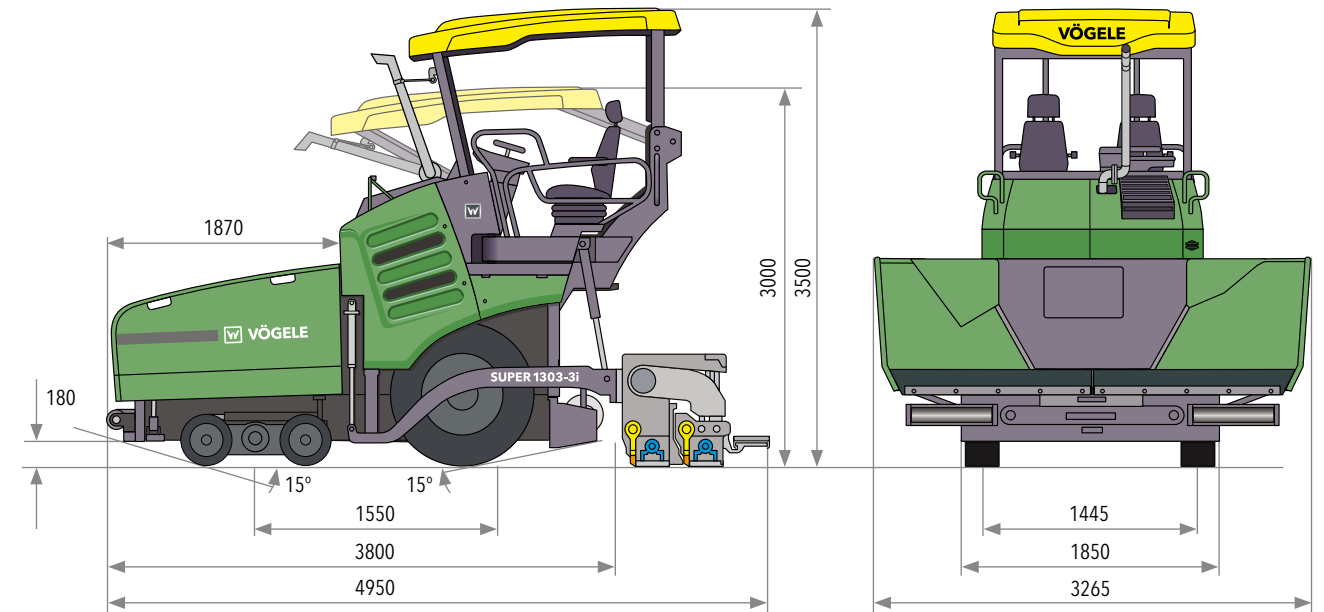
The AB 340 TV Extending Screed can handle pave widths up to 4.5 m, which means even mid-sized construction projects can be handled comfortably.

- » **Significant reduction in turning circle** to just 3.8 m thanks to the Pivot Steer function
- » **Advanced and powerful diesel engine** delivering 74.4 kW
- » **With front-wheel drive** (6x4)
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **PaveDock Assistant** improves process reliability during transfer of the mix
- » **AB 340 Extending Screed** in the V and TV versions
- » **Powerful electric screed heating**



Subject to technical changes.

- » **Maximum pave width** 4.5 m
- » **Maximum laydown rate** 250 t/h



Power unit	
SUPER 1303-3i	for EU/EFTA countries/USA/Canada
Engine	Deutz
Type	TCD 3.6 L4
Output	
Nominal	74.4 kW at 2,000 rpm (according to DIN)
ECO mode	68.7 kW at 1,600 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	100 litres

SUPER 1303-3	
for all other countries	
Engine	Deutz
Type	TCD 3.6 L4
Output	
Nominal	74.4 kW at 2,000 rpm (according to DIN)
ECO mode	68.7 kW at 1,600 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	100 litres

Undercarriage	
Drive	electronically controlled separate hydraulic drive provided for each wheel
Standard	2 rear wheels and 2 front wheels (6x4)
Speeds	
Paving	up to 30 m/min., infinitely variable
Transport	up to 20 km/h, infinitely variable
Outside turning circle	min. 3.8 m (with Pivot Steer)

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible

Conveyors and augers	
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	300 mm
Auger height	
Standard	infinitely variable by 13 cm, mechanical
Option	infinitely variable by 13 cm, hydraulic

Material hopper	
Hopper capacity	10 t
Width	3,265 mm

Screed	
AB 340	
Basic width	1.8 to 3.4 m
Maximum width (TV)	4.5 m
Min. pave width with system for pave width reduction	0.75 m
Reduction in width	by cut-off shoes 2 x 52.5 cm
Compacting systems	V, TV
Layer thickness	up to 25 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	1.85 m
Length	paver with screed
AB 340	4.95 m
Weight	paver with screed
AB 340 TV	10,650 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **V** = with vibrators
DPF = diesel particulate filter **TV** = with tamper and vibrators
SCR = selective catalytic reduction

Universal Class – versatile and powerful

The outstanding feature of the Universal Class pavers is their enormously wide range of applications. They can handle paving jobs on motorways just as comfortably as roundabouts, partly because they can be combined with VÖGELE's high compaction technology.



CLASSIC
LINE



SUPER 1600

With a very short length of under 5.7 m, the SUPER 1600 is a very compact road paver. It belongs to the VÖGELE Classic Line, the most striking feature of which is the ErgoBasic operating concept. The machine comes with a very solid range of basic equipment and a powerful diesel engine that meets the requirements of the European exhaust emissions standard Stage 3a and US EPA Tier 3.

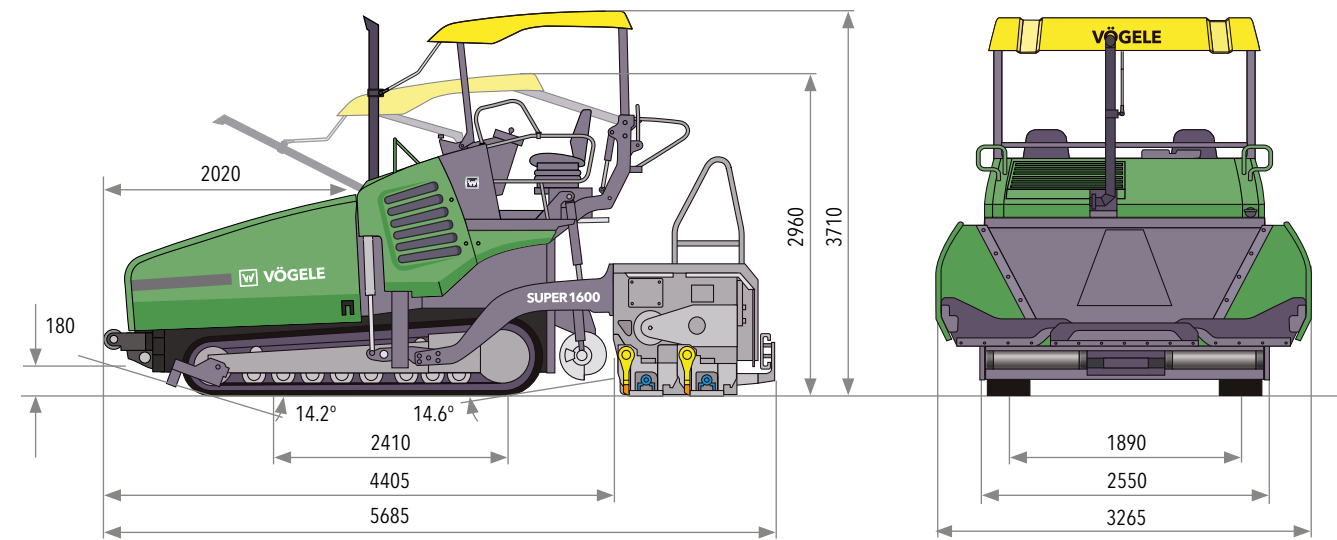
Together with the AB 480 TV Extending Screed, the SUPER 1600 reliably handles all paving jobs up to a pave width of 6.3 m, delivering top VÖGELE quality across the board.

- » **Compact length** makes transport easy
- » **Particularly easy-to-use** ErgoBasic operating concept
- » **Advanced and powerful** 4-cylinder diesel engine delivering 116 kW
- » **Perfect paving quality** thanks to perfect material management
- » **Cutting-edge AB 480 Extending Screed** with tamper and vibrators



Subject to technical changes.

- » **Maximum pave width** 6.3 m
- » **Maximum laydown rate** 600 t/h



Power unit	
Engine Type	Cummins QSB4.5-C155
Output	Nominal: 116 kW at 2,000 rpm (according to DIN) ECO mode: 106 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	220 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	2,410 x 305 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	Paving: up to 24 m/min., infinitely variable Transport: up to 4.5 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Key: AB = extending screed TV = with tamper and vibrators

Material hopper	
Hopper capacity	13 t
Width	3,265 mm

Screed	
AB 480	
Basic width	2.55 to 4.8 m
Maximum width	6.3 m
Compacting system	TV
Layer thickness	up to 30 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	2.55 m
Length	paver with screed
AB 480 TV	5.69 m
Weight	paver with screed
AB 480 TV	17,580 kg

CLASSIC
LINE



SUPER 1603

The **SUPER 1603** has a small outside turning circle of just 3.5 m, making it extremely manoeuvrable. As a representative of the VÖGELE Classic Line, it is equipped with the ErgoBasic operating concept and comes with a solid range of basic features. The wheeled paver is driven by a powerful diesel engine that meets the requirements of the European exhaust emissions standard Stage 3a and US EPA Tier 3.

Together with the AB 480 TV Extending Screed, the SUPER 1603 reliably handles all paving jobs up to a pave width of 6.3 m.

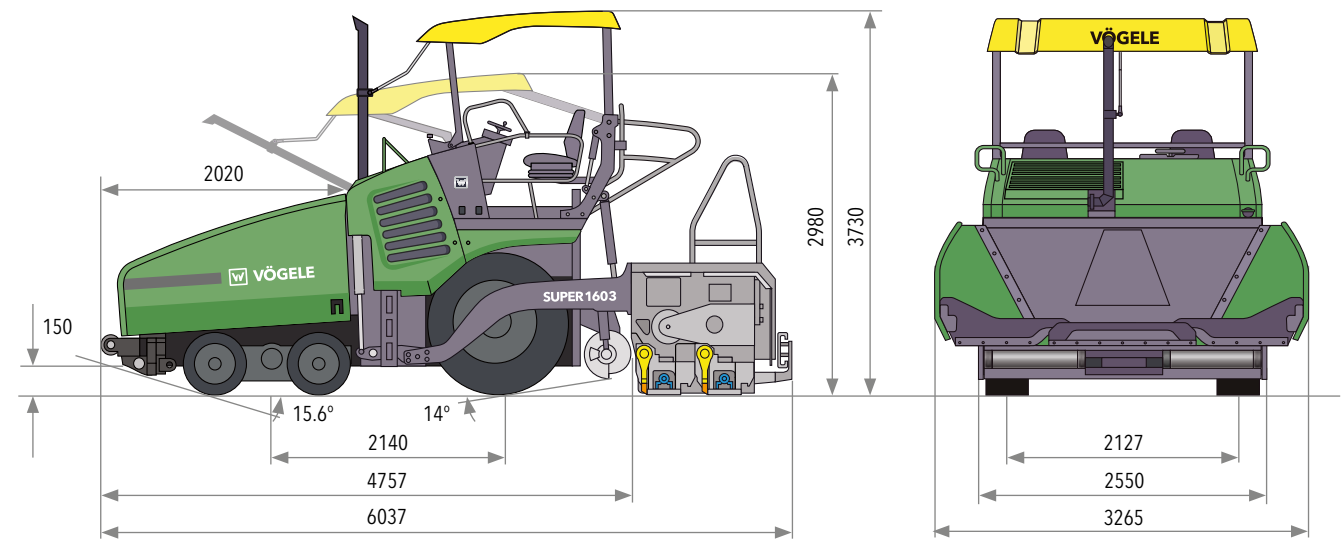
- » **Particularly easy-to-use** ErgoBasic operating concept
- » **Advanced and powerful** 4-cylinder diesel engine delivering 116 kW
- » **Highly manoeuvrable thanks to a small outside turning circle** of just 3.5 m with PivotSteer
- » **Maximum power transmission** thanks to separate hydraulic drives
- » **Cutting-edge AB 480 Extending Screed** with tamper and vibrators



Subject to technical changes.

- » **Maximum pave width** 6.3 m
- » **Maximum laydown rate** 600 t/h

Dimensions in mm



Power unit	
Engine Type	Cummins QSB4.5-C155
Output	Nominal: 116 kW at 2,000 rpm (according to DIN) ECO mode: 106 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	215 litres

Undercarriage	
Drive	electronically controlled separate hydraulic drive provided for each wheel
Standard	2 rear wheels (6x2)
Option	2 rear wheels and 2 front wheels (6x4)
Speeds	Paving: up to 18 m/min., infinitely variable Transport: up to 20 km/h, infinitely variable
Outside turning circle	min. 3.5 m (with Pivot Steer)

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Key: AB = extending screed TV = with tamper and vibrators

Material hopper	
Hopper capacity	13 t
Width	3,265 mm

Screed	
AB 480	
Basic width	2.55 to 4.8 m
Maximum width	6.3 m
Compacting system	TV
Layer thickness	up to 30 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	2.55 m
Length	paver with screed
AB 480 TV	6.04 m
Weight	paver with screed
AB 480 TV	17,000 kg



SUPER 1600-3(i)

The **SUPER 1600-3(i)** is an extremely manoeuvrable and versatile tracked paver of the Universal Class. Highly efficient drive units are installed, ensuring particularly economical and eco-friendly operation.

ErgoPlus 3 demonstrates just how effectively advanced technology can be controlled. The paver can be operated safely and simply with the ergonomic VÖGELE operating concept.

- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **AutoSet Plus functions** for quick and safe repositioning on the job site and for storing individual paving programs
- » **PaveDock Assistant** improves process reliability during transfer of the mix
- » **PaveDock sprung push-rollers** reliably absorb all jolts from the feed vehicles

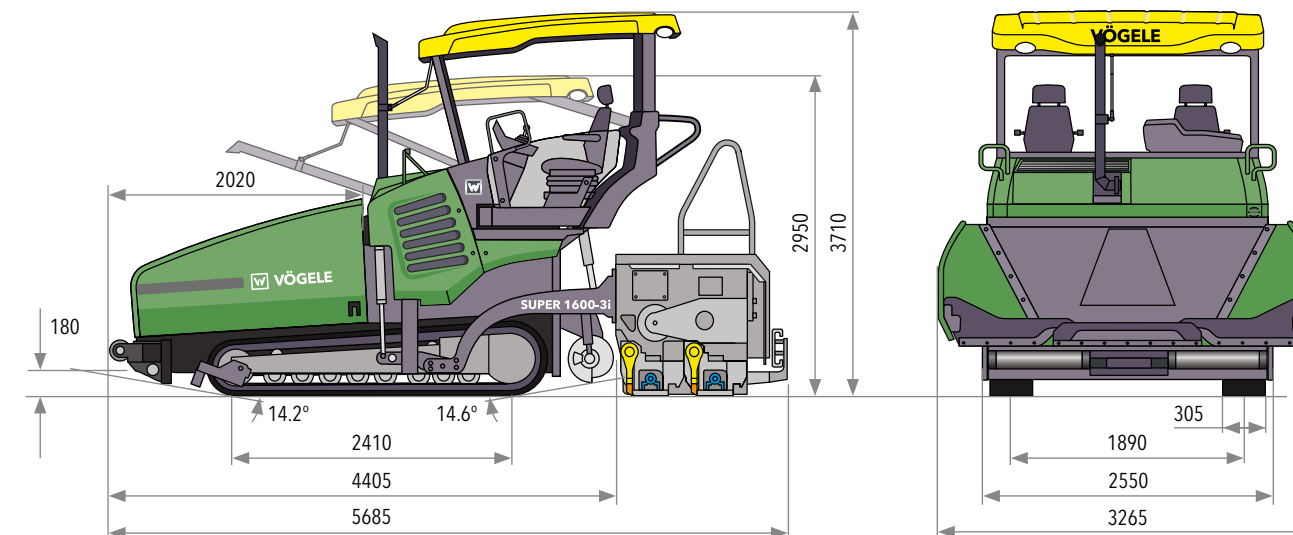


Subject to technical changes.

*Maximum pave width is only available on request and requires additional equipment.

- » **Maximum pave width** 7.5 m*
- » **Maximum laydown rate** 600 t/h

Dimensions in mm



Power unit	
SUPER 1600-3i	for EU/EFTA countries/USA/Canada/Japan
Engine	Cummins
Type	B4.5-C154
Output	
Nominal	115 kW at 2,000 rpm (according to DIN)
ECO mode	109 kW at 1,700 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	220 litres

SUPER 1600-3	for all other countries
Engine	Cummins
Type	QSB4.5-C155
Output	
Nominal	116 kW at 2,000 rpm (according to DIN)
ECO mode	106 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	220 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	2,410 x 305 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 24 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible

Conveyors and augers	
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper	
Hopper capacity	13 t
Width	3,265 mm

Screeds	
AB 500	
Basic width	2.55 to 5 m
Maximum width	7.5 m*
Compacting system	TV
AB 600	
Basic width	3 to 6 m
Maximum width	7.5 m*
Compacting system	TV
Layer thickness	up to 30 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	2.55 m
Length	paver with screed
	AB 500/600 TV
	5.69 m
Weight	paver with screed
	AB 500 TV
	18,350 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **TV** = with tamper and vibrators
DPF = diesel particulate filter
SCR = selective catalytic reduction



SUPER 1603-3(i)

The **SUPER 1603-3(i)** is a skilful all-rounder, and as a wheeled paver has no trouble getting around. With its compact dimensions and Pivot Steer brake, the wheeled paver features excellent manoeuvrability, making it suitable for a wide variety of applications.

The VÖGELE ErgoPlus 3 operating concept makes using the paver even safer and easier.

- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **Significant reduction in outside turning circle** to just 3.5 m thanks to the Pivot Steer function
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **AutoSet Plus functions** for quick and safe repositioning on the job site and for storing individual paving programs
- » **PaveDock Assistant** improves process reliability during transfer of the mix

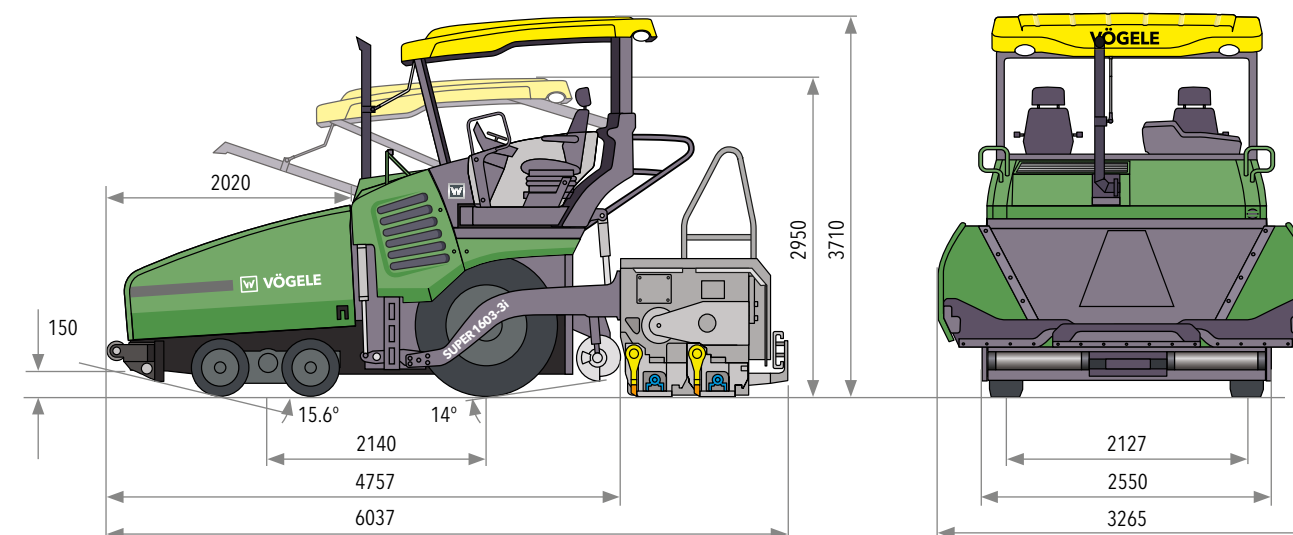


Subject to technical changes.

*Maximum pave width is only available on request and requires additional equipment.

- » **Maximum pave width** 7 m*
- » **Maximum laydown rate** 600 t/h

Dimensions in mm



Power unit	
SUPER 1603-3i	for EU/EFTA countries/USA/Canada/Japan
Engine	Cummins
Type	B4.5-C154
Output	
Nominal	115 kW at 2,000 rpm (according to DIN)
ECO mode	109 kW at 1,700 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	215 litres

SUPER 1603-3	for all other countries
Engine	Cummins
Type	QSB4.5-C155
Output	
Nominal	116 kW at 2,000 rpm (according to DIN)
ECO mode	106 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	215 litres

Undercarriage	
Drive	electronically controlled separate hydraulic drive provided for each wheel
Standard	2 rear wheels (6x2)
Option	2 rear and 2 front wheels (6x4) 2 rear and 4 front wheels (6x6)
Speeds	
Paving	up to 18 m/min., infinitely variable
Transport	up to 20 km/h, infinitely variable
Outside turning circle	min. 3.5 m (with Pivot Steer)

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor

Conveyors and augers	
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper	
Hopper capacity	13 t
Width	3,265 mm

Screed	
AB 500	
Basic width	2.55 to 5 m
Maximum width	7 m*
Compacting system	TV
Layer thickness	up to 30 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	2.55 m
Length	paver with screed
AB 500 TV	6 m
Weight	paver with screed
AB 500 TV	17,750 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **TV** = with tamper and vibrators
DPF = diesel particulate filter
SCR = selective catalytic reduction



SUPER 1700-3(i)

The **SUPER 1700-3(i)** is a cutting-edge tracked paver in the 8-foot class. It was designed especially for the North American and Australian markets and handles a wide variety of paving jobs. Its compact design makes it the ideal choice for urban job sites.

ErgoPlus 3 demonstrates just how effectively advanced technology can be controlled. The paver can be operated safely and simply with the ergonomic VÖGELE operating concept.

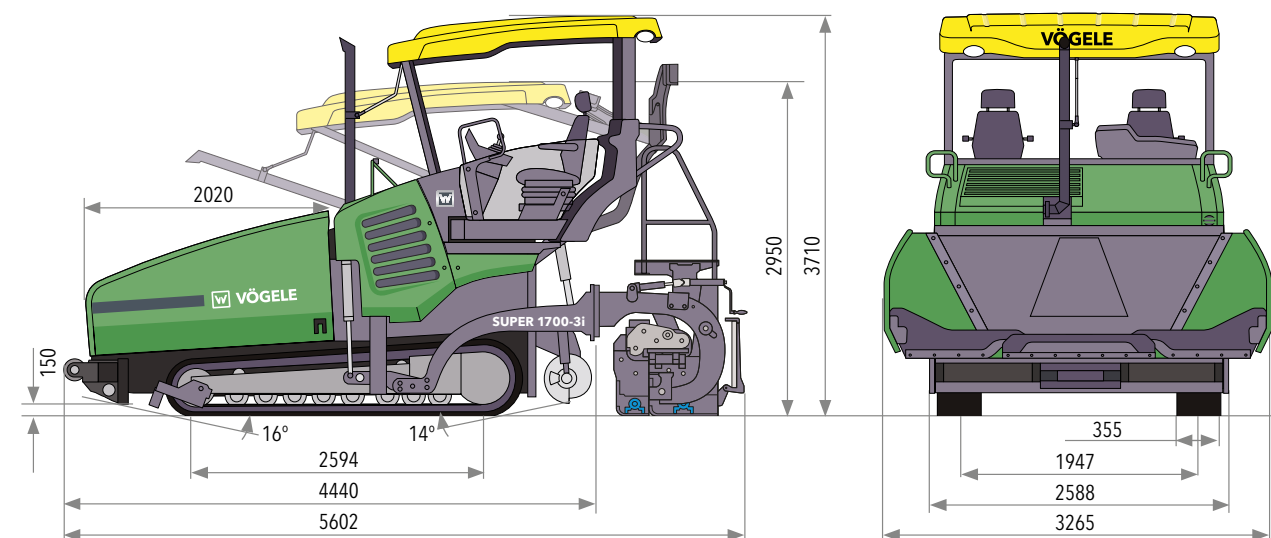
- » **Powerful diesel engine** with an excellent power-to-weight ratio
- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **High pave speeds** of up to 76 m/min.
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **PaveDock Assistant** improves process reliability during transfer of the mix



Subject to technical changes.

- » **Maximum pave width** 5.95 m
- » **Maximum laydown rate** 700 t/h

Dimensions in mm



Power unit	
SUPER 1700-3i	for USA and Canada
Engine	Cummins
Type	QSB4.5-C173
Output	
Nominal	129 kW at 2,000 rpm (according to DIN)
ECO mode	119 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 4, US EPA Tier 4f
Exhaust gas after-treatment	DOC, SCR
Fuel tank	220 litres

Power unit	
SUPER 1700-3	for Australia and New Zealand
Engine	Cummins
Type	QSB4.5-C155
Output	
Nominal	116 kW at 2,000 rpm (according to DIN)
ECO mode	106 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	220 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	2,594 x 355 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 76 m/min., infinitely variable
Transport	up to 12 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible

Conveyors and augers	
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper	
Hopper capacity	13 t, including conveyor tunnel
Width	3,265 mm

Screed	
VF 500	
Basic width	2.45 to 4.75 m
Maximum width	5.95 m
Compacting system	V
Layer thickness	up to 30 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	2.59 m
Length	paver with screed
VF 500 V	5.6 m
Weight	paver with hardtop and screed
VF 500 V	18,300 kg

Key: DOC = diesel oxidation catalyst VF = screed with front-mounted extensions V = with vibrators
SCR = selective catalytic reduction



SUPER 1703-3(i)

The **SUPER 1703-3(i) wheeled paver** is a road paver of the 8-foot class that has been designed especially for the requirements of the North American and Australian markets. Thanks to its compact dimensions, it can handle all municipal and urban applications.

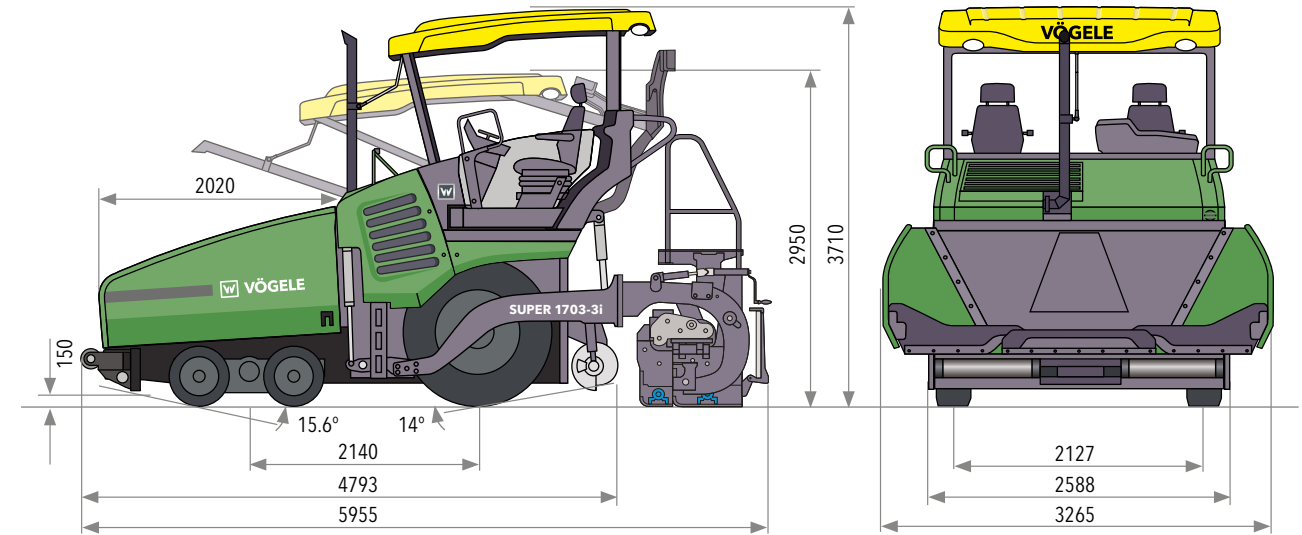
The SUPER 1703-3(i) wheeled paver is available in two drive versions (6x4 and 6x6). The ErgoPlus 3 operating concept ensures ease of operation and all-round visibility.

- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **High pave speeds** of up to 76 m/min.
- » **Significant reduction in outside turning circle** to just 3.5 m thanks to the Pivot Steer function
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **PaveDock Assistant** improves process reliability during transfer of the mix



Subject to technical changes.

- » **Maximum pave width** 5.95 m
- » **Maximum laydown rate** 700 t/h



Power unit	
SUPER 1703-3i	for USA and Canada
Engine	Cummins
Type	QSB4.5-C173
Output	
Nominal	129 kW at 2,000 rpm (according to DIN)
ECO mode	119 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 4, US EPA Tier 4f
Exhaust gas after-treatment	DOC, SCR
Fuel tank	215 litres

SUPER 1703-3	for Australia and New Zealand
Engine	Cummins
Type	QSB4.5-C155
Output	
Nominal	116 kW at 2,000 rpm (according to DIN)
ECO mode	106 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	215 litres

Undercarriage	
Drive	separate hydraulic drive provided for each wheel
Standard	2 rear wheels and 2 front wheels (6x4)
Option	2 rear and 4 front wheels (6x6)
Speeds	
Paving	up to 76 m/min., infinitely variable
Transport	up to 20 km/h, infinitely variable
Outside turning circle	min. 3.5 m (with Pivot Steer)

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor

Conveyors and augers	
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper	
Hopper capacity	13 t, including conveyor tunnel
Width	3,265 mm

Screed	
VF 500	
Basic width	2.45 to 4.75 m
Maximum width	5.95 m
Compacting system	V
Layer thickness	up to 30 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	2.59 m
Length	paver with screed
VF 500 V	5.96 m
Weight	paver with hardtop and screed
VF 500 V	17,300 kg

Key: DOC = diesel oxidation catalyst VF = screed with front-mounted extensions V = with vibrators
SCR = selective catalytic reduction



SUPER 1800-3(i)

The **SUPER 1800-3(i)**, the most powerful tracked paver in its performance class, covers an incredibly wide range of applications. With a maximum pave width of 10 m and a machine length of just 6.04 m, the VÖGELE paver handles motorway projects just as well as tight roundabouts.

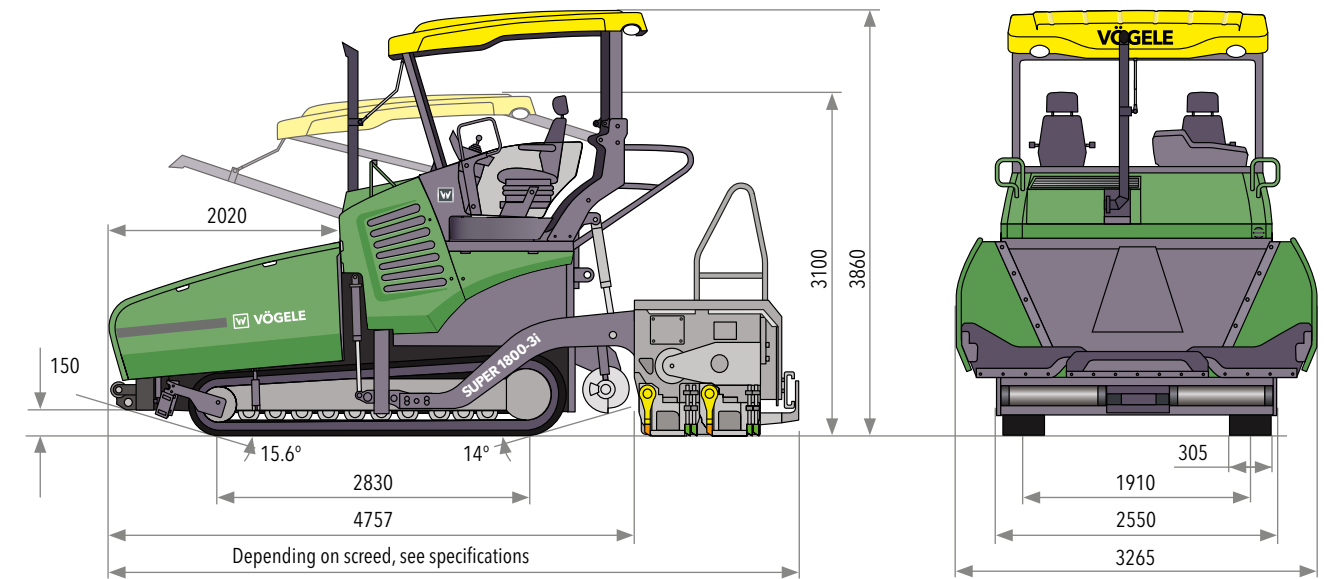
The innovative, easy-to-understand ErgoPlus 3 operating concept creates a work environment with all the ergonomic and practical advantages a machine operator could possibly want.

- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **AutoSet Plus functions** for quick and safe repositioning on the job site and for storing individual paving programs
- » **PaveDock Assistant** improves process reliability during transfer of the mix
- » **PaveDock sprung push-rollers** reliably absorb all jolts from the feed vehicles



Subject to technical changes.

- » **Maximum pave width** 10 m
- » **Maximum laydown rate** 700 t/h



Power unit	
SUPER 1800-3i	for EU/EFTA countries/USA/Canada/Japan
Engine	Cummins
Type	B6.7-C173
Output	
Nominal	129 kW at 2,000 rpm (according to DIN)
ECO mode	129 kW at 1,700 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	300 litres

SUPER 1800-3		for all other countries	
Engine	Cummins		
Type	QSB6.7-C170		
Output			
Nominal	127 kW at 2,000 rpm (according to DIN)		
ECO mode	116 kW at 1,700 rpm		
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3		
Fuel tank	300 litres		

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	2,830 x 305 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 24 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper	
Hopper capacity	13 t
Width	3,265 mm

Screeds	
AB 500	
Basic width	2.55 to 5 m
Maximum width (TV/TP1)	8.5 m
Compacting systems	TV, TP1, TP2, TP2 Plus
AB 600	
Basic width	3 to 6 m
Maximum width (TV/TP1)	9 m
Compacting systems	TV, TP1, TP2, TP2 Plus
SB 300	
Basic width	3m
Maximum width (TV/TP1)	10 m
Compacting systems	TV, TP1, TP2
SB 300 HD	
Basic width	3m
Maximum width	8 m
Compacting systems	TV
Layer thickness	up to 30 cm
Screed heating	electric by heating rods*
Power supply	three-phase AC generator

Dimensions (transport) and weightw		
Width	2.55 m	
Length	paver with screed	
AB 500/600	TV	6.04 m
	TP1/TP2/TP2 Plus	6.07 m
SB 300	TV/TP1/TP2	6.1 m
Weight	paver with screed	
AB 500 TV		19,700 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **TV** = with tamper and vibrators **TP2 Plus** = with special tamper, two pressure bars and additional weights
DPF = diesel particulate filter **SB** = fixed-width screed **TP1** = with tamper and one pressure bar
SCR = selective catalytic reduction **HD** = heavy-duty **TP2** = with tamper and two pressure bars
 * = not for SB 300 HD

PREMIUM
LINE



SUPER 1803-3(i)

The **SUPER 1803-3(i)** is VÖGELE's most powerful wheeled paver. It offers a perfect combination of robust and reliable material management, large pave widths of up to 8 m and the excellent manoeuvrability and ease of transport of a wheeled paver.

Its statically defined undercarriage ensures constant ground contact of its powered wheels. The available drive versions are 6x4 and 6x6. The ErgoPlus 3 operating concept makes operation of the machine particularly easy.

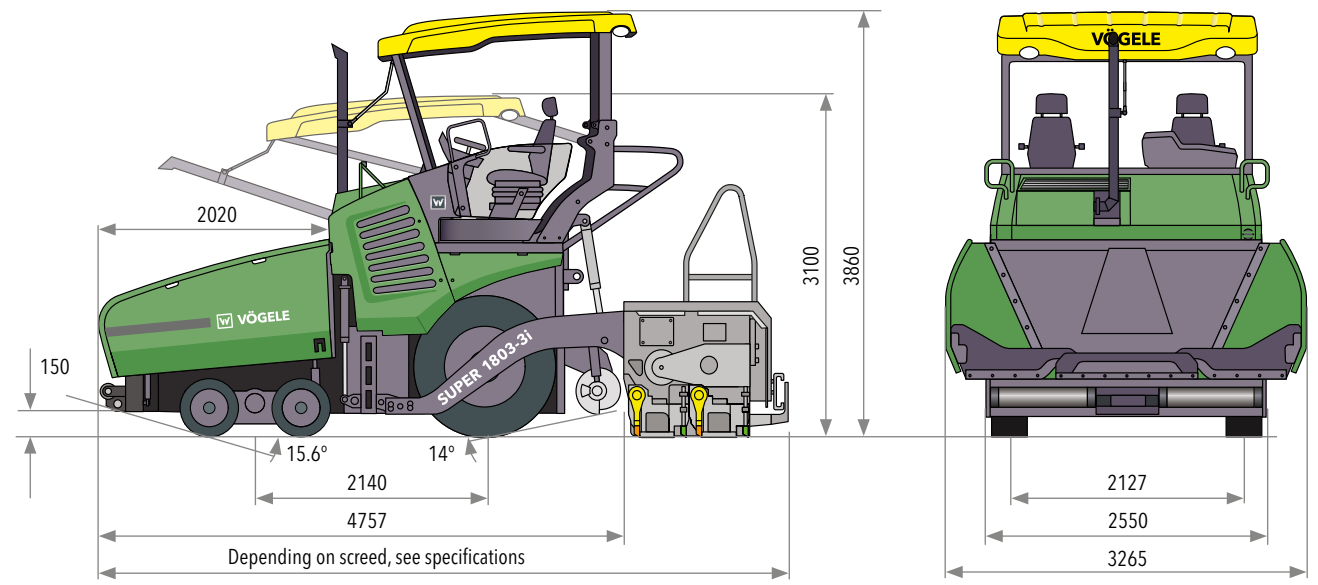
- **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- **AutoSet Plus functions** for quick and safe repositioning on the job site and for storing individual paving programs
- **Significant reduction in outside turning circle** to just 3.5 m thanks to the Pivot Steer function
- **PaveDock Assistant** improves process reliability during transfer of the mix



Subject to technical changes.

- **Maximum pave width** 8 m
- **Maximum laydown rate** 700 t/h

Dimensions in mm



Power unit

SUPER 1803-3i	for EU/EFTA countries/USA/Canada/Japan
Engine	Cummins
Type	B6.7-C173
Output	
Nominal	129 kW at 2,000 rpm (according to DIN)
ECO mode	129 kW at 1,700 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	215 litres

SUPER 1803-3	for all other countries
Engine	Cummins
Type	QSB6.7-C170
Output	
Nominal	127 kW at 2,000 rpm (according to DIN)
ECO mode	116 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	215 litres

Undercarriage

Drive	electronically controlled separate hydraulic drive provided for each wheel
Standard	2 rear wheels and 2 front wheels (6x4)
Option	2 rear and 4 front wheels (6x6)
Speeds	
Paving	up to 18 m/min., infinitely variable
Transport	up to 20 km/h, infinitely variable
Outside turning circle	min. 3.5 m with Pivot Steer

Conveyors and augers

Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible

Conveyors and augers

Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper

Hopper capacity	13 t
Width	3,265 mm

Screeds

AB 500	
Basic width	2.55 to 5 m
Maximum width (TV/TP1)	8 m
Compacting systems	TV, TP1
AB 600	
Basic width	3 to 6 m
Maximum width	8 m
Compacting systems	TV
Layer thickness	up to 30 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight

Width	2.55 m	
Length	paver with screed	
AB 500/600	TV	6.04 m
AB 500	TP1	6.17 m
Weight	paver with screed	
AB 500 TV	18,500 kg	

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **TV** = with tamper and vibrators
DPF = diesel particulate filter **TP1** = with tamper and one pressure bar
SCR = selective catalytic reduction

Highway Class – far and wide

VÖGELE pavers of the Highway Class are perfectly at home on motorways and handling other demanding large-scale projects. Immense pave widths and laydown rates, the possibility of using high compaction technology and plenty of power are all part of the package with these pavers.





SUPER 1900-3(i)

The **SUPER 1900-3(i)** is an extremely powerful paver, perfectly designed for handling a large variety of applications up to a maximum pave width of 11 m.

Typical paving tasks of the SUPER 1900-3(i) include highway and motorway construction, race track projects or surfacing medium to large-scale areas. With tremendous power and the latest technology, these advanced road pavers are a match for even the toughest of challenges.

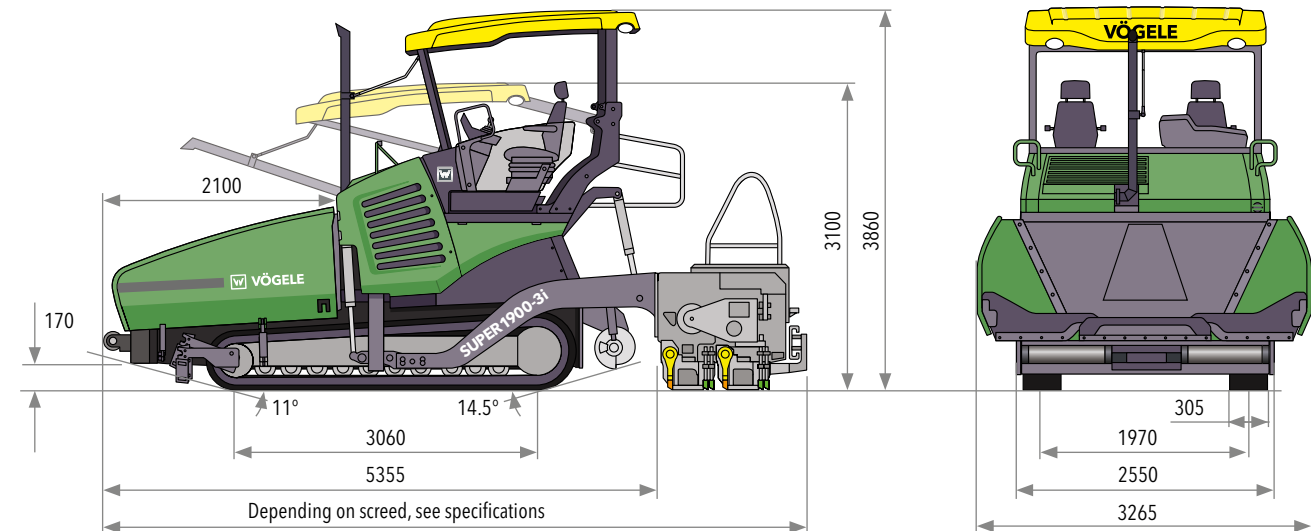
- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **AutoSet Plus functions** for quick and safe repositioning on the job site and for storing individual paving programs
- » **PaveDock Assistant** improves process reliability during transfer of the mix
- » **PaveDock sprung push-rollers** reliably absorb all jolts from the feed vehicles



Subject to technical changes.

- » **Maximum pave width** 11 m
- » **Maximum laydown rate** 900 t/h

Dimensions in mm



Power unit	
SUPER 1900-3i	for EU/EFTA countries/USA/Canada/Japan
Engine	Cummins
Type	B6.7-C195
Output	
Nominal	145 kW at 2,000 rpm (according to DIN)
ECO mode	140 kW at 1,700 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	380 litres

SUPER 1900-3	
for all other countries	
Engine	Cummins
Type	QSB6.7-C203
Output	
Nominal	151 kW at 2,000 rpm (according to DIN)
ECO mode	153 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	380 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	3,060 x 305 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 25 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper	
Hopper capacity	14 t
Width	3,265 mm

Screeds	
AB 500	
Basic width	2.55 to 5 m
Maximum width (TV/TP1/TP2)	8.5 m
Maximum width (TP2 Plus)	7.5 m
Compacting systems	TV, TP1, TP2, TP2 Plus
AB 600	
Basic width	3 to 6 m
Maximum width (TV/TP1/TP2)	9.5 m
Maximum width (TP2 Plus)	8.5 m
Compacting systems	TV, TP1, TP2, TP2 Plus
SB 300	
Basic width	3 m
Maximum width (TV/TP1)	11 m
Compacting systems	TV, TP1, TP2
SB 300 HD	
Basic width	3 m
Maximum width	9 m
Compacting systems	TV
Layer thickness	up to 40 cm (SB 300)
Screed heating	electric by heating rods*
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	2.55 m
Length	paver with screed
AB 500/600	TV 6.6 m
	TP1/TP2/TP2 Plus 6.73 m
SB 300	TV/TP1/TP2 6.5 m
Weight	paver with screed
AB 500 TV	21,050 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **TV** = with tamper and vibrators **TP2 Plus** = with special tamper, two pressure bars and additional weights
DPF = diesel particulate filter **SB** = fixed-width screed **TP1** = with tamper and one pressure bar
SCR = selective catalytic reduction **HD** = heavy-duty **TP2** = with tamper and two pressure bars

* = not for SB 300 HD



SUPER 2000-3(i)

The **SUPER 2000-3(i)** was specially developed to meet the requirements of the North American and Australian markets. It features a high-precision undercarriage with fast-running rubber tracks and is driven by a powerful 6-cylinder engine. This engine operates particularly economically and quietly in combination with the VÖGELE EcoPlus low-emissions package.

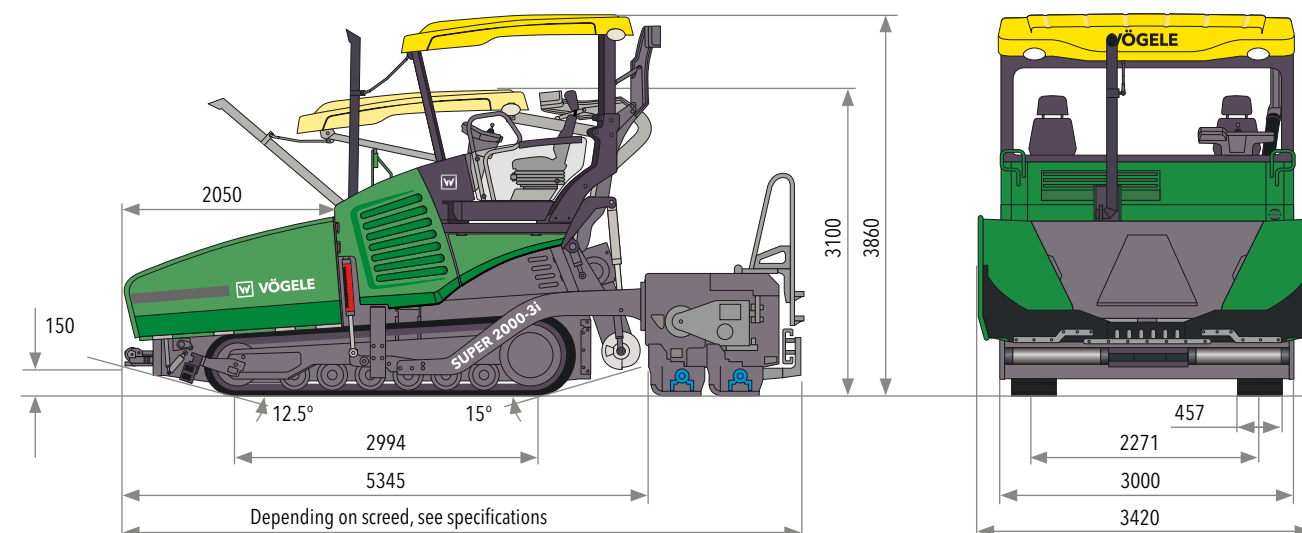
The tracked paver in the 10-foot class was primarily designed for long-distance roads and large-scale projects where performance and productivity are key.

- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **Large fuel tank** with a capacity of 380 litres, more than enough for one day on the job
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **PaveDock Assistant** improves process reliability during transfer of the mix
- » **Can be combined with** the VF 600, VR 600 and AB 600 Extending Screeds



Subject to technical changes.

- » **Maximum pave width** 8.6 m
- » **Maximum laydown rate** 1,400 t/h



Power unit	
SUPER 2000-3i	for USA and Canada
Engine	Cummins
Type	QSB6.7-C250
Output	
Nominal	186 kW at 2,000 rpm (according to DIN)
ECO mode	175 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 4, US EPA Tier 4f
Exhaust gas after-treatment	DOC, SCR
Fuel tank	380 litres
SUPER 2000-3	for Australia and New Zealand
Engine	Cummins
Type	QSB6.7-C240
Output	
Nominal	179 kW at 2,000 rpm (according to DIN)
ECO mode	168 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	380 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	2,994 x 457 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 76 m/min., infinitely variable
Transport	up to 12 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper	
Hopper capacity	15 t
Width	3,420 mm

Screeds	
VF 600	
Basic width	3.05 to 5.95 m
Maximum width	7.75 m
Compacting system	V
VR 600	
Basic width	3.05 to 6 m
Maximum width	8.6 m
Compacting system	V
AB 600	
Basic width	3 to 6 m
Maximum width	8.5 m
Compacting system	TV
Layer thickness	up to 30 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	3 m
Length	paver with screed
VF 600 V	6.5 m
VR 600 V	6.9 m
AB 600 TV	6.6 m
Weight	paver with hardtop and screed
VF 600 V	22,250 kg

Key: DOC = diesel oxidation catalyst, SCR = selective catalytic reduction, VF = screed with front-mounted extensions, VR = screed with rear-mounted extensions, AB = extending screed, V = with vibrators, TV = with tamper and vibrators



SUPER 2003-3(i)

The **SUPER 2003-3(i)** was specially developed to meet the requirements of the North American and Australian markets. It features a high-traction undercarriage with separate hydraulic drives. The wheeled paver is driven by a powerful 6-cylinder engine which operates particularly economically and quietly when combined with the VÖGELE EcoPlus low-emissions package.

The road paver in the 10-foot class was primarily designed for long-distance roads and large-scale projects where performance and productivity are key.

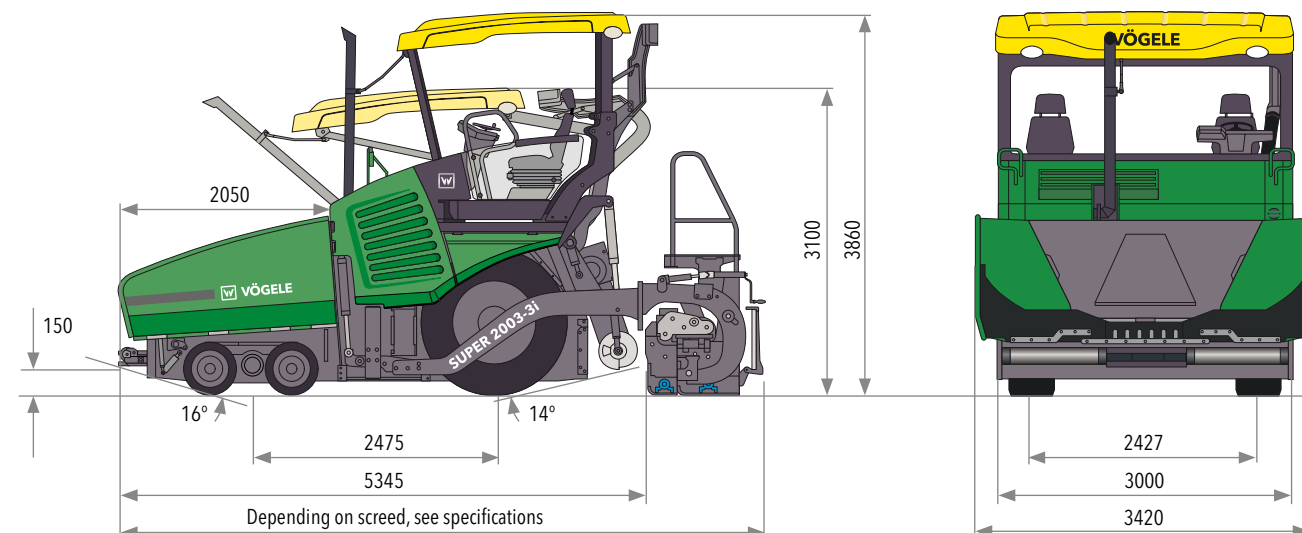
- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **Large fuel tank** with a capacity of 320 litres, more than enough for one day on the job
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **PaveDock Assistant** improves process reliability during transfer of the mix
- » **Can be combined with** the VF 600, VR 600 and AB 600 Extending Screeds



Subject to technical changes.

- » **Maximum pave width** 7.75 m
- » **Maximum laydown rate** 1,400 t/h

Dimensions in mm



Power unit	
SUPER 2003-3i	for USA and Canada
Engine Type	Cummins QSB6.7-C250
Output	
Nominal	186 kW at 2,000 rpm (according to DIN)
ECO mode	175 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 4, US EPA Tier 4f
Exhaust gas after-treatment	DOC, SCR
Fuel tank	320 litres

SUPER 2003-3	
for Australia and New Zealand	
Engine Type	Cummins QSB6.7-C240
Output	
Nominal	179 kW at 2,000 rpm (according to DIN)
ECO mode	168 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	320 litres

Undercarriage	
Traction drive	electronically controlled separate hydraulic drive provided for each wheel
Standard	2 rear wheels (6x2)
Option	2 rear and 2 front wheels (6x4) 2 rear and 4 front wheels (6x6)
Speeds	
Paving	up to 76 m/min., infinitely variable
Transport	up to 20 km/h, infinitely variable
Outside turning circle	min. 5.6 m with Pivot Steer

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible

Conveyors and augers	
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper	
Hopper capacity	15 t
Width	3,420 mm

Screeds	
VF 600	
Basic width	3.05 to 5.95 m
Maximum width	7.75 m
Compacting system	V
VR 600	
Basic width	3.05 to 6 m
Maximum width	7.3 m
Compacting system	V
AB 600	
Basic width	3 to 6 m
Maximum width	7.5 m
Compacting system	TV
Layer thickness	up to 30 cm
Screed heating	electric by heating rods
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	3 m
Length	paver with screed
VF 600 V	6.5 m
VR 600 V	6.9 m
AB 600 TV	6.6 m
Weight	paver with hardtop and screed
VF 600 V	21,250 kg

Key: DOC = diesel oxidation catalyst, SCR = selective catalytic reduction, VF = screed with front-mounted extensions, VR = screed with rear-mounted extensions, AB = extending screed, V = with vibrators, TV = with tamper and vibrators



SUPER 2100-3(i)

The **SUPER 2100-3(i)** is a real workhorse. The machine concept of this ultra-modern paver is designed so that it can handle even the largest road building jobs highly economically and with ease. It can achieve very high laydown rates of up to 1,100 t per hour.

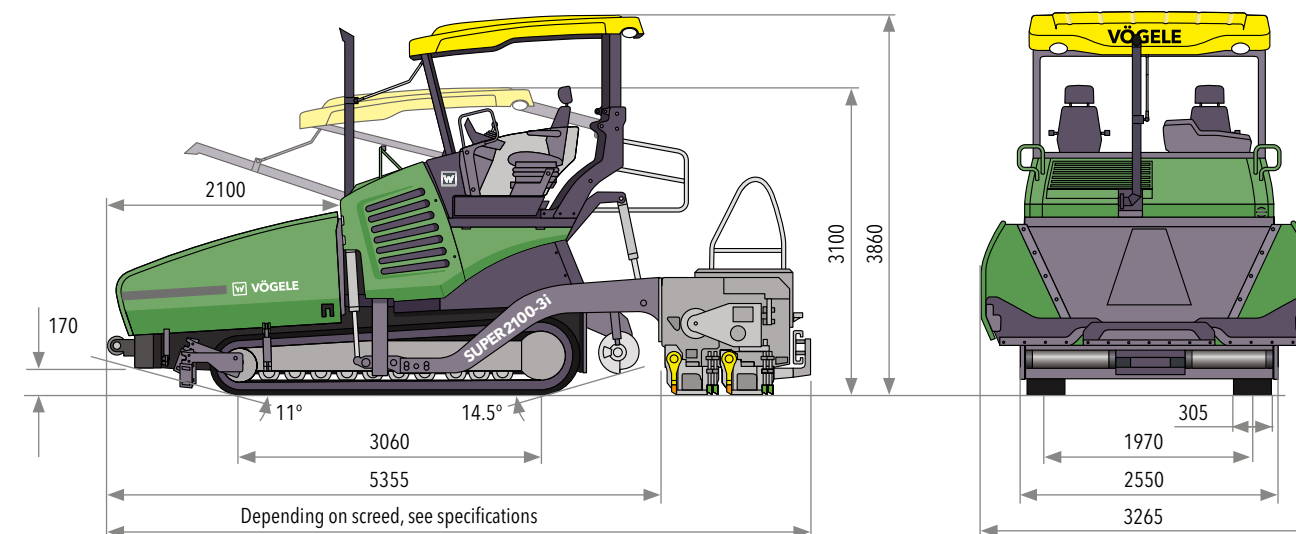
Given a maximum pave width of 13 m, it is the ideal large paver for the jointless construction of motorways, airfields or large traffic areas. Layer thicknesses of up to 40 cm are possible.

- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **ErgoPlus 3** with numerous additional ergonomic and functional advantages
- » **AutoSet Plus functions** for quick and safe repositioning on the job site and for storing individual paving programs
- » **PaveDock Assistant** improves process reliability during transfer of the mix
- » **PaveDock sprung push-rollers** reliably absorb all jolts from the feed vehicles



Subject to technical changes.

- » **Maximum pave width** 13 m
- » **Maximum laydown rate** 1,100 t/h



Power unit	
SUPER 2100-3i	for EU/EFTA countries/USA/Canada/Japan
Engine	Cummins
Type	B6.7-C250
Output	
Nominal	186 kW at 2,000 rpm (according to DIN)
ECO mode	187 kW at 1,700 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	380 litres
SUPER 2100-3	for all other countries
Engine	Cummins
Type	QSB6.7-C240
Output	
Nominal	179 kW at 2,000 rpm (according to DIN)
ECO mode	168 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	380 litres
Undercarriage	
Crawler tracks	with rubber pads
Ground contact	3,060 x 305 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 25 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable
Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	480 mm
Auger height	infinitely variable hydraulically up to 15 cm

Material hopper	
Hopper capacity	14 t
Width	3,265 mm
Screeds	
AB 500	
Basic width	2.55 to 5 m
Maximum width (TV/TP1/TP2)	8.5 m
Maximum width (TP2 Plus)	7.5 m
Compacting systems	TV, TP1, TP2, TP2 Plus
AB 600	
Basic width	3 to 6 m
Maximum width (TV/TP1/TP2)	9.5 m
Maximum width (TP2 Plus)	8.5 m
Compacting systems	TV, TP1, TP2, TP2 Plus
SB 300	
Basic width	3 m
Maximum width (TV/TP1)	13 m
Compacting systems	TV, TP1, TP2
SB 300 HD	
Basic width	3 m
Maximum width	10 m
Compacting systems	TV
Layer thickness	up to 40 cm (SB 300)
Screed heating	electric by heating rods*
Power supply	three-phase AC generator
Dimensions (transport) and weight	
Width	2.55 m
Length	paver with screed
AB 500/600	TV 6.65 m
	TP1/TP2/TP2 Plus 6.8 m
SB 300	TV/ TP1/TP2 6.55 m
Weight	paver with screed
AB 500 TV	21,950 kg

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **TV** = with tamper and vibrators
DPF = diesel particulate filter **SB** = fixed-width screed **TP1** = with tamper and one pressure bar
SCR = selective catalytic reduction **HD** = heavy-duty **TP2** = with tamper and two pressure bars **TP2 Plus** = with special tamper, two pressure bars and additional weights
 * = not for SB 300 HD



SUPER 3000-3(i)

The largest paver in VÖGELE's range is a real powerhouse and a flexible all-rounder, to boot: boasting a pave width of up to 18 m, it is ideal for large-scale projects such as motorways and runways, but is equally at home constructing thick anti-freeze layers and crushed-stone bases.

The screed concept of the SUPER 3000-3(i) is likewise geared to maximum flexibility, enabling the machines to tackle a broad range of different applications efficiently and productively.

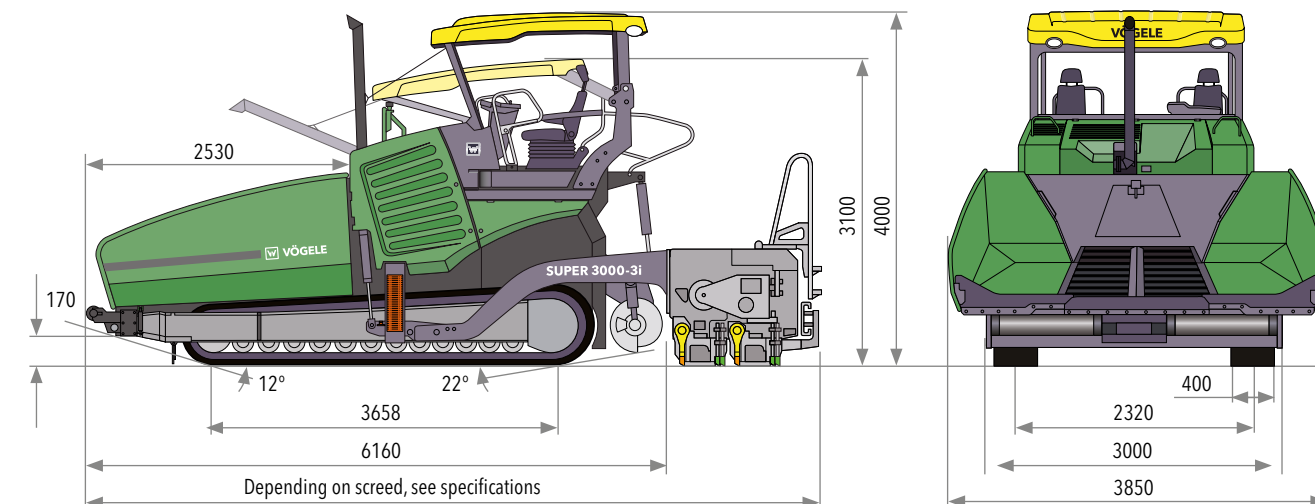
- » **Maximum pave width** 18 m
- » **Laydown rate** up to 1,800 t/h
- » **Powerful and economical** 6-cylinder diesel engine delivering 354 kW
- » **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- » **Innovative material handling system** ensures optimum transfer of the mix, even at layer thicknesses of up to 50 cm
- » **Heavy-duty kit** effectively counteracts abrasive wear
- » **ErgoPlus 3 operating concept** for simple and intuitive handling
- » **AutoSet Plus** for easy repositioning and storing individual paving programs



Subject to technical changes.

- » **Maximum pave width** 18 m
- » **Maximum laydown rate** 1,800 t/h

Dimensions in mm



Power unit	
SUPER 3000-3i	for EU/EFTA countries/USA/Canada/Japan
Engine	Cummins
Type	X12-C475
Output	
Nominal	354 kW at 1,800 rpm (according to DIN)
ECO mode	350 kW at 1,600 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	605 litres

SUPER 3000-3	
	for all other countries
Engine	Cummins
Type	QSG12-C475
Output	
Nominal	354 kW at 1,800 rpm (according to DIN)
ECO mode	350 kW at 1,600 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 2
Fuel tank	605 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	3,658 x 400 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 24 m/min., infinitely variable
Transport	up to 4 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	340/420/480 mm
Auger height	infinitely variable hydraulically up to 27.5 cm

Material hopper	
Hopper capacity	18.5 t
Width	3,850 mm

Screeds	
AB 600	
Basic width	3 to 6 m
Maximum width (TV/TP1/TP2)	9.5 m
Maximum width (TP2 Plus)	8.5 m
Compacting systems	TV, TP1, TP2, TP2 Plus
SB 300	
Basic width	3 m
Maximum width (TV)	16 m
Compacting systems	TV, TP1, TP2
SB 300 HD	
Basic width	3 m
Maximum width	12 m
Compacting system	TV
SB 350	
Basic width	3.5 m
Maximum width (TV)	18 m
Compacting systems	TV, TP1, TP2
Layer thickness	up to 50 cm (SB 300/300 HD/350)
Screed heating	electric by heating rods*
Power supply	three-phase AC generator

Dimensions (transport) and weight	
Width	3 m
Length	paver with screed
AB 600	TV 7.44 m
	TP1/TP2 7.58 m
SB 300/350	TV/TP1/TP2 7.48 m
Weight	paver with screed
AB 600 TV	31,800 kg

Key: DOC = diesel oxidation catalyst, DPF = diesel particulate filter, SCR = selective catalytic reduction, AB = extending screed, SB = fixed-width screed, HD = heavy-duty, TV = with tamper and vibrators, TP1 = with tamper and one pressure bar, TP2 = with tamper and two pressure bars, TP2 Plus = with special tamper, two pressure bars and additional weights. * = not for SB 300 HD

Special Class – that special something

The **Special Class** comprises machines for specific applications, such as a spray paver for paving thin overlay “hot on hot” or InLine Pave machine technology for the construction of compact asphalt pavements.





SUPER 1800-3(i) SprayJet

The **SUPER 1800-3(i) SprayJet** is equally ideal for paving thin overlay hot on spray seal and for conventional paving with pre-spraying.

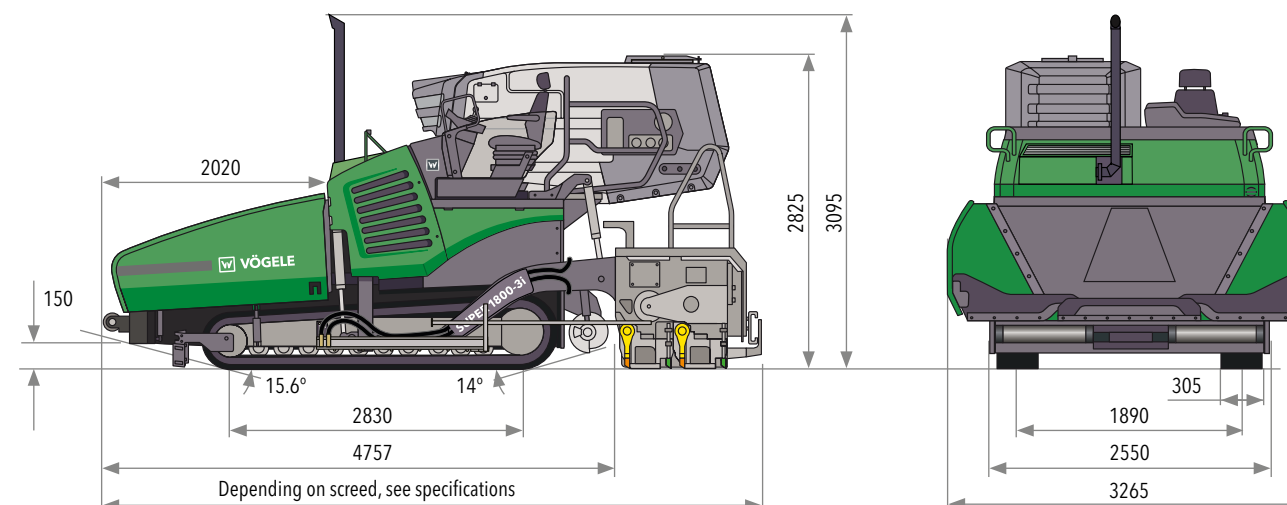
The SprayJet spray module offers a host of technological advantages. The rate of spread is infinitely variable from 0.3 to 1.6 kg/m²*, so that even small quantities of emulsion can be sprayed. A low spray pressure of no more than 3 bar minimizes soiling and the formation of spray mist.

- » **World's only spray paver** for paving thin overlay as well as conventional surface and binder courses
- » **Emulsion sprayed** at a rate of 0.3 to 1.6 kg/m²* in a clean and controlled process
- » **Advanced ErgoPlus 3 operating concept** for paver and spray module
- » **Automatic functions simplify** preparation of the spray module, the spraying process and the care of the spray module.



Subject to technical changes.
* The rate of spread per m² must be determined as a function of the emulsion and tack coat used. This figure depends on the consistency and temperature of the emulsion, and on the spray nozzles used.

- » **Maximum width of spread** 6 m
- » **Maximum laydown rate** 700 t/h



Power unit	
SUPER 1800-3i SprayJet	for EU/EFTA countries/USA/Canada
Engine	Cummins
Type	B6.7-C173
Output	
Nominal	129 kW at 2,000 rpm (according to DIN)
ECO mode	129 kW at 1,700 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	300 litres
SUPER 1800-3 SprayJet	for all other countries
Engine	Cummins
Type	QSB6.7-C170
Output	
Nominal	127 kW at 2,000 rpm (according to DIN)
ECO mode	116 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	300 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	2,830 x 305 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 24 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	400 mm
Auger height	infinitely variable hydraulically up to 15 cm

Key: **DOC** = diesel oxidation catalyst **AB** = extending screed **TV** = with tamper and vibrators
DPF = diesel particulate filter **TP1** = with tamper and one pressure bar
SCR = selective catalytic reduction

Material hopper	
Hopper capacity	13 t
Width	3,265 mm

Screeds	
AB 500	
Basic width	2.55 to 5 m
Maximum pave width	8.5 m
Maximum width of spread	6 m
Compacting systems	TV, TP1
AB 600	
Basic width	3 to 6 m
Maximum pave width	9 m
Maximum width of spread	6 m
Compacting systems	TV, TP1

SprayJet module	
Emulsion tank	heated electrically, regulated by thermostat
Capacity	standard 2,100 litres, optionally with extra tank 7,100 litres insulated
Emulsion tank	
Spray bar	5 segments
Width of spread	2.55 to 6 m
Nozzle spacing	250 mm
Spray nozzles	double slotted
Rate of spread	0.3 to 1.6 kg/m ² *
Spray cone	120°
Spray pressure	max. 3 bar

Dimensions (transport) and weight	
Width	2.55 m
Length	paver with screed
	AB 500/600 TV/TP1
	6 m
Weight	paver with empty module and screed
	AB 600 TV
	22,810 kg



SUPER 2100-3i IP

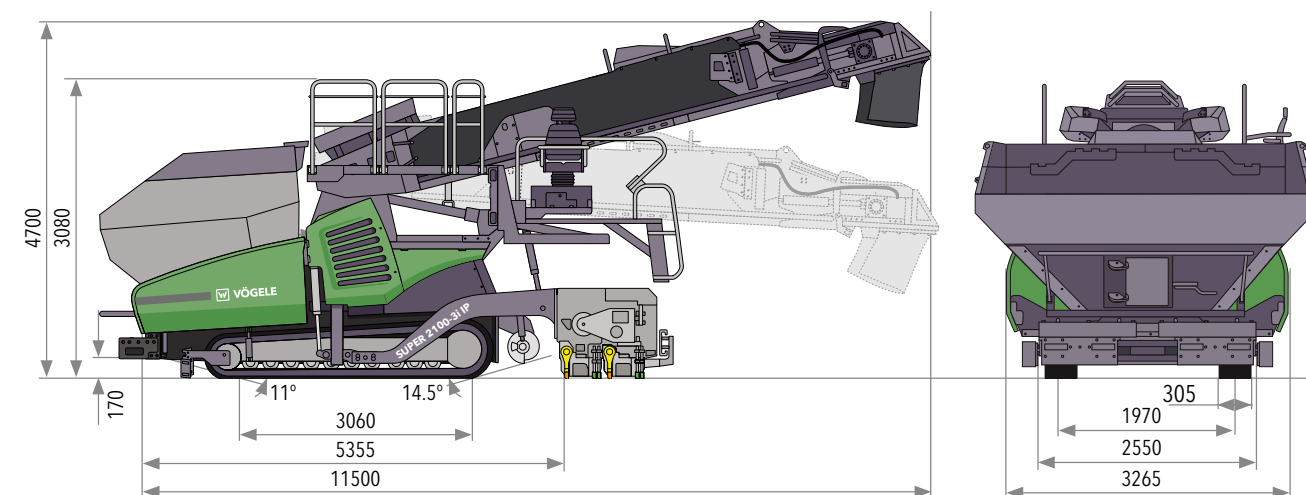
InLine Pave is the innovative method developed by VÖGELE for paving compact asphalt pavements. The centrepiece of the InLine Pave train is the SUPER 2100-3i IP, which paves the binder course. It is a modified standard paver with a special transfer module for the surface course mix and the AB 600 TP2 Plus Extending Screed. Its special tamper, two pressure bars and additional weights enable it to achieve extremely high degrees of precompaction. Based on VÖGELE's unique pulsed-flow hydraulics, this screed is the technological highlight of the InLine Pave machine technology.

- » **Machine for "hot on hot" paving** of compact asphalt pavements
- » **AB 600 TP2 Plus High Compaction Screed** supports extremely high degrees of precompaction
- » **The surface course paver** can travel over the highly compacted binder course without leaving tracks
- » **ErgoPlus 3 operating concept** with two paver operator's platforms for optimum visibility and easy operation



Use of the SUPER 2100-3i IP paver falls within the field of special applications. Customers interested in this machine are requested to contact our Applications Technology Service. Subject to technical changes. * dependent on type of mix

- » **Maximum pave width** 8.5 m
- » **Maximum laydown rate** 1,100 t/h*



Power unit	
SUPER 2100-3i IP	for EU/EFTA countries/USA/Canada/Japan
Engine	Cummins
Type	QSB6.7-C250
Output	
Nominal	186 kW at 2,000 rpm (according to DIN)
ECO mode	167 kW at 1,700 rpm
Exhaust emissions standards	EU Stage 4, US EPA Tier 4f
Exhaust gas after-treatment	DOC, SCR
Fuel tank	530 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	3,060 x 305 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
Paving	up to 25 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable

Conveyors and augers	
Drive	separate hydraulic drive provided for each conveyor
Conveyors	2, with replaceable feeder bars, direction of conveyor temporarily reversible
Augers	2, with replaceable auger blades and reversible direction of rotation
Diameter	480 mm

Extra material hopper	
Holding capacity	20 t
Width	3,265 mm

Screed	
AB 600	
Basic width	3 to 6 m
Maximum width	8.5 m
Compacting system	TP2 Plus
Layer thickness	bis 30 cm
Heating	screed plates, tamper bar and pressure bars: electric by heating rods
Power supply	three-phase AC generator

Transfer module	
Conveyors	1, with hydraulic drive and hydraulic belt tension adjuster
Heating	infrared heating panels, diesel-powered
Belt width	1,100 mm
Conveying capacity	1,200 t/h* (max.)

Dimensions (transport) and weight	
Width	3 m
Length	10.145 m
Height	3.08 m
Weight	paver with transfer module and screed
AB 600 TP2 Plus	29,000 kg (excluding extra material hopper)

Key: DOC = diesel oxidation catalyst, SCR = selective catalytic reduction, AB = extending screed, TP2 Plus = with special tamper, two pressure bars and additional weights, IP = InLine Pave

PowerFeeder

A feeder is essential to the economical achievement of consistently high-quality results, especially on large-scale job sites. With the MT 3000-3(i) Standard PowerFeeder and the MT 3000-3(i) Offset PowerFeeder, VÖGELE offer cutting-edge technology that sets standards in modern road construction – both in terms of quality and economic efficiency.





MT 3000-3(i) Standard

The **MT 3000-3(i) Standard** high-performance material feeder is the perfect partner for a reliable high conveying capacity and for uninterrupted non-contacting transfer of mix to pavers. As a result of its optimized conveying concept, the MT 3000-3(i) Standard combines state-of-the-art high-performance feed technology with outstanding operating convenience. This is because the ErgoPlus 3 operating concept is another step forward in making operation much easier. It also incorporates a new service and maintenance concept with optimized access to all cleaning and maintenance points.

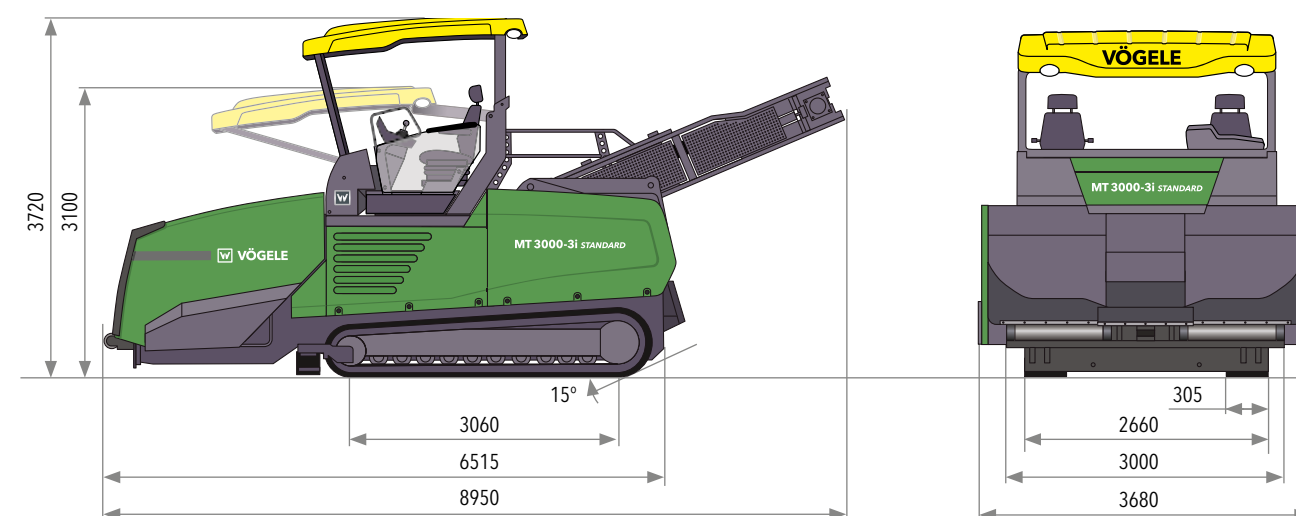
- » **The state-of-the-art conveying concept** reliably allows even large mix trucks to be unloaded rapidly
- » **The optimized diesel heating system** reliably keeps the mix at temperature from the first truck-load onwards
- » **The ErgoPlus 3 operating concept** ensures that the machine is simple and safe to operate
- » **The new maintenance and service concept** facilitates good access to all the relevant points



Subject to technical changes.
* dependent on type of mix

» **Maximum conveying capacity** 1,200 t/h*

Dimensions in mm



Power unit	
MT 3000-3i Standard	for EU/EFTA countries/USA/Canada/Japan
Engine Type	Deutz TCD 6.1
Output	
Nominal	160 kW at 2,000 rpm (according to DIN)
ECO mode	152 kW at 1,800 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	450 litres

Power unit	
MT 3000-3 Standard	for all other countries
Engine Type	Deutz TCD 2012
Output	
Nominal	142 kW at 2,000 rpm (according to DIN)
ECO mode	134 kW at 1,800 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	450 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	3,060 x 305 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
In operation	up to 25 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable

Conveyors and augers	
Transverse augers	2, installed in the receiving hopper
Standard	cylindrical augers
Diameter	300 mm
Drive	separate hydraulic drives
Speed	100 rpm
Conveyor	1, with hydraulic drive
Belt width	1,100 mm
Conveying capacity	1,200 t/h* (max.)

Receiving hopper	
Holding capacity	15 t
Width	3,680 mm
Feed height	600 mm (bottom of receiving hopper)
Push-rollers	oscillating

Extra material hopper	
Hopper capacity	18-25 t (to be placed into the material hopper of the paver)

Dimensions (transport) and weight	
Width	3 m
Length	8.95 m
Height	3.1 m
Weight	19,765 kg

Key: **DOC** = diesel oxidation catalyst
DPF = diesel particulate filter
SCR = selective catalytic reduction



MT 3000-3(i) Offset

The MT 3000-3(i) Offset PowerFeeder combines state-of-the-art, high-performance feed technology with outstanding operating convenience. The optimized conveying concept ensures reliable uninterrupted and jolt-free transfer of mix to the paver. The pivoting and height-adjustable conveyor of the MT 3000-3(i) Offset creates a wide variety of applications, ensuring a high level of usage. The ErgoPlus 3 operating concept is another step forward in making operation much easier. It also incorporates a new service and maintenance concept with optimized access to all cleaning and maintenance points.

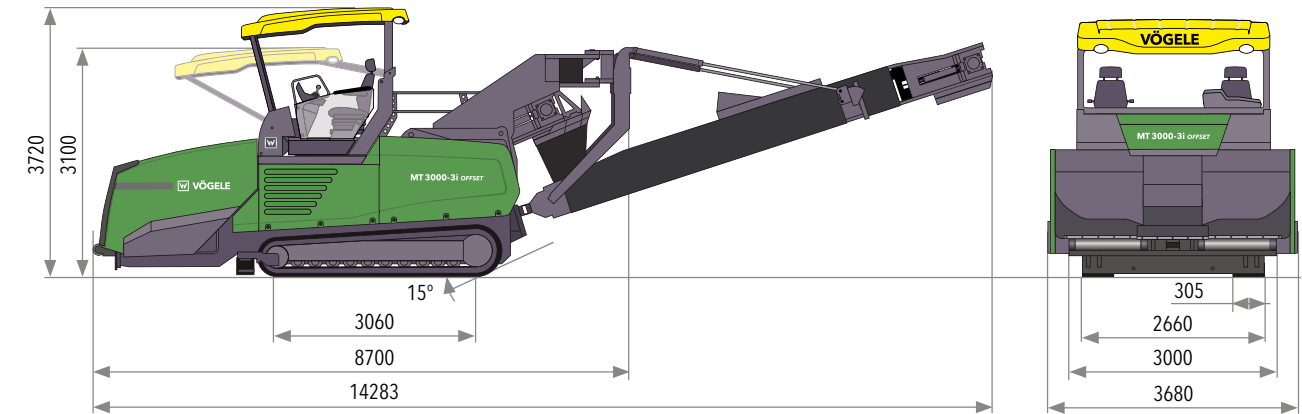
- » **The state-of-the-art conveying concept** reliably allows even large mix trucks to be unloaded rapidly
- » **Pivoting and inclining conveyor** for a wide range of applications
- » **The optimized diesel heating system** reliably keeps the mix at temperature from the first truck-load onwards
- » **The ErgoPlus 3 operating concept** ensures that the machine is simple and safe to operate
- » **The new maintenance and service concept** facilitates good access to all the relevant points
- » **Effective assistance systems** make work easier for the operator



Subject to technical changes.
* dependent on type of mix

» **Maximum conveying capacity** 1,200 t/h*

Dimensions in mm



Power unit	
MT 3000-3i Offset	for EU/EFTA countries/USA/Canada/Japan
Engine Type	Deutz TCD 6.1
Output	
Nominal	160 kW at 2,000 rpm (according to DIN)
ECO mode	152 kW at 1,800 rpm
Exhaust emissions standards	EU Stage V, US EPA Tier 4f
Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	450 litres
MT 3000-3 Offset	for all other countries
Engine Type	Deutz TCD 2012
Output	
Nominal	142 kW at 2,000 rpm (according to DIN)
ECO mode	134 kW at 1,800 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	450 litres

Undercarriage	
Crawler tracks	with rubber pads
Ground contact	3,060 x 305 mm
Traction drive	electronically controlled separate hydraulic drive provided for each crawler track
Speeds	
In operation	up to 25 m/min., infinitely variable
Transport	up to 4.5 km/h, infinitely variable

Conveyors and augers	
Transverse augers	2, installed in the receiving hopper
Standard	cylindrical augers
Diameter	300 mm
Drive	separate hydraulic drives
Speed	100 rpm
Conveyors	2 continuous rubber conveyor belts
Drive	separate hydraulic drive
Belt width	1,100 mm
Heating	infrared heating panels, diesel-powered
Pivoting conveyor	hydraulically pivoting
Pivoting angle	55° to the left or right
Reach	from outside edge of material feeder to centre of discharge point: 3,500 mm
Transfer height (max)	3,900 mm
Conveying capacity	1,200 t/h* (max.)

Receiving hopper	
Holding capacity	15 t
Width	3,680 mm
Feed height	600 mm (bottom of receiving hopper)
Push-rollers	oscillating

Extra material hopper	
Hopper capacity	18-25 t (to be placed into the material hopper of the paver)

Dimensions (transport) and weight	
Width	3 m
Length	14.71 m
Height	3.1 m
Weight	24,285 kg

Key: **DOC** = diesel oxidation catalyst
DPF = diesel particulate filter
SCR = selective catalytic reduction





Your VÖGELE QR Code takes you directly to the VÖGELE "Products" on our website.



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