

RANGE OF PRODUCTS

2018



Precise classification, better orientation!



VÖGELE's seamless product range is unique in the industry.

Be it residential streets or motorways, airport runways or racetracks, new constructions or pavement

rehabilitations, thick or thin, hot or cold – customers will find the right machine for any conceivable road construction job in our range of pavers. Our product classification smooths the way for rapid orientation in this comprehensive product offering.

Mini Class, Compact Class, Universal Class, Highway Class and Special Class – the names of the five paver classes say it all. With our product classification, we provide maximum transparency and clarity.

This gives customers the certainty of being able to perfectly overcome any road construction challenges with the optimum paver.

Product Overview

| Mini Class | | | | | |
|--------------|---|--------------------------------------|--------|-------------|-------------|
| SUPER Series |  | SUPER 700-3(i) Tracked Pavers | | | Page |
| | | Maximum pave width | 3.2m | Weight | 6.2t |
| | | Maximum laydown rate | 250t/h | Basic width | 1.2m |
| | | | | | 12 |
| SUPER Series |  | SUPER 800-3(i) Tracked Pavers | | | Page |
| | | Maximum pave width | 3.5m | Weight | 6.6t |
| | | Maximum laydown rate | 300t/h | Basic width | 1.2m |
| | | | | | 14 |

| Compact Class | | | | | |
|---------------|---|---------------------------------------|--------|-------------|-------------|
| SUPER Series |  | SUPER 1100-3(i) Tracked Pavers | | | Page |
| | | Maximum pave width | 4.2m | Weight | 10.2t |
| | | Maximum laydown rate | 300t/h | Basic width | 1.85m |
| | | | | | 18 |
| SUPER Series |  | SUPER 1103-3(i) Wheeled Pavers | | | Page |
| | | Maximum pave width | 4.2m | Weight | 10t |
| | | Maximum laydown rate | 200t/h | Basic width | 1.85m |
| | | | | | 20 |
| SUPER Series |  | SUPER 1300-3(i) Tracked Pavers | | | Page |
| | | Maximum pave width | 5m | Weight | 10.6t |
| | | Maximum laydown rate | 350t/h | Basic width | 1.85m |
| | | | | | 22 |
| SUPER Series |  | SUPER 1303-3(i) Wheeled Pavers | | | Page |
| | | Maximum pave width | 4.5m | Weight | 10.5t |
| | | Maximum laydown rate | 250t/h | Basic width | 1.85m |
| | | | | | 24 |

| Universal Class | | | | | |
|-----------------|---|---------------------------------------|--------|-------------|-------------|
| SUPER Series |  | SUPER 1400 Tracked Paver | | | Page |
| | | Maximum pave width | 7.3m | Weight | 16.5t |
| | | Maximum laydown rate | 600t/h | Basic width | 2.55m |
| | | | | | 28 |
| SUPER Series |  | SUPER 1403 Wheeled Paver | | | Page |
| | | Maximum pave width | 6m | Weight | 15.25t |
| | | Maximum laydown rate | 600t/h | Basic width | 2.55m |
| | | | | | 30 |
| SUPER Series |  | SUPER 1600-3(i) Tracked Pavers | | | Page |
| | | Maximum pave width | 7.5m* | Weight | 18.1t |
| | | Maximum laydown rate | 600t/h | Basic width | 2.55m |
| | | | | | 32 |
| SUPER Series |  | SUPER 1603-3(i) Wheeled Pavers | | | Page |
| | | Maximum pave width | 7m | Weight | 17.5t |
| | | Maximum laydown rate | 600t/h | Basic width | 2.55m |
| | | | | | 34 |

*Pave widths of 7m and 7.5m are possible with extra equipment (available upon request).

| Universal Class | | | | | |
|-----------------|---|---------------------------------------|--------|-------------|-------------|
| SUPER Series |  | SUPER 1800-3(i) Tracked Pavers | | | Page |
| | | Maximum pave width | 10m | Weight | 19.4t |
| | | Maximum laydown rate | 700t/h | Basic width | 2.55m |
| | | | | | 36 |
| SUPER Series |  | SUPER 1803-3(i) Wheeled Pavers | | | Page |
| | | Maximum pave width | 8m | Weight | 17.8t |
| | | Maximum laydown rate | 700t/h | Basic width | 2.55m |
| | | | | | 38 |

| Highway Class | | | | | |
|---------------|---|---------------------------------------|----------|-------------|-------------|
| SUPER Series |  | SUPER 1900-3(i) Tracked Pavers | | | Page |
| | | Maximum pave width | 11m | Weight | 20.9t |
| | | Maximum laydown rate | 900t/h | Basic width | 2.55m |
| | | | | | 42 |
| SUPER Series |  | SUPER 2100-3(i) Tracked Pavers | | | Page |
| | | Maximum pave width | 13m | Weight | 21.9t |
| | | Maximum laydown rate | 1,100t/h | Basic width | 2.55m |
| | | | | | 44 |
| SUPER Series |  | SUPER 3000-2 Tracked Paver | | | Page |
| | | Maximum pave width | 16m | Weight | 28.7t |
| | | Maximum laydown rate | 1,600t/h | Basic width | 3m |
| | | | | | 46 |

| Special Class | | | | | |
|--------------------|---|---|----------|-------------|-------------|
| SUPER Series |  | SUPER 1800-3(i) SprayJet | | | Page |
| | | Maximum spray width | 6m | Weight | 22t |
| | | Maximum laydown rate | 700t/h | Basic width | 2.55m |
| | | | | | 50 |
| PowerFeeder Series |  | SUPER 2100-3i IP Binder course paver for InLine Pave | | | Page |
| | | Maximum pave width | 8.5m | Weight | 28.1t |
| | | Maximum laydown rate | 1,100t/h | Basic width | 2.55m |
| | | | | | 52 |
| PowerFeeder Series |  | MT 3000-2(i) Standard PowerFeeder | | | Page |
| | | Max. conveying capacity | 1,200t/h | Weight | 19.2t |
| | | | | Basic width | 3m |
| | | | | | 54 |
| PowerFeeder Series |  | MT 3000-2(i) Offset PowerFeeder | | | Page |
| | | Max. conveying capacity | 1,200t/h | Weight | 23.8t |
| | | | | Basic width | 3m |
| | | | | | 56 |

The "Dash 3" generation has arrived!

Development of the "Dash 3" generation was driven by the aim of offering customers an up-to-date, cost-efficient paver technology that simultaneously makes a measurable contribution to environmental protection.

With VÖGELE EcoPlus, the machines are economical, clean and quiet. This and other "Dash 3"* features make the "Dash 3" generation of road pavers among the most modern and innovative on the market, with the best operating concept.



*The functions available vary according to paver model.

1
PaveDock Assistant
Maximum process safety when transferring mix

2
AutoSet Plus functions
Safe repositioning of the paver on the job site and saving of individual paving programs

3
ErgoPlus 3 operating system
The ultimate in paver operation

4
Modern design, efficient technology
Long-term value retention guaranteed

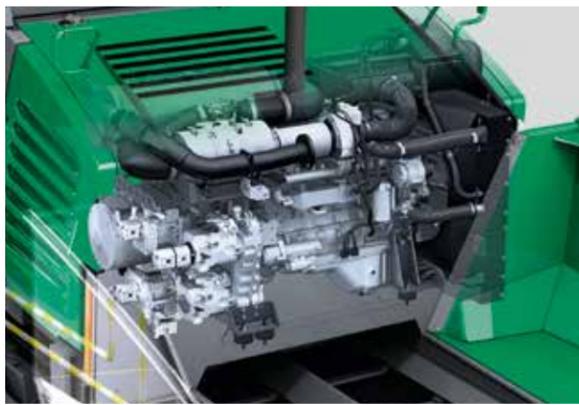
5
VÖGELE EcoPlus low-emissions package
Lower fuel consumption, lower emissions, lower costs

6
Improved screed technology
Maximum precision and user-friendliness

7
PaveDock push-rollers
Reliably compensate for all jolts from the feed vehicles

8
Pivot Steer function
Extremely small turning radius for "Dash 3" wheeled pavers

The highlights of the "Dash 3" generation



Environmentally friendly VÖGELE EcoPlus package

- » VÖGELE EcoPlus significantly reduces fuel consumption and noise levels.
- » Hydraulic pumps which are not needed are temporarily disengaged while the paver is stationary.
- » Variable-speed fan provides just the right amount of cooling.
- » Energy-optimized tamper drive.
- » Controlled hydraulic oil temperature circuit ensures that the optimum operating temperature is reached quickly.



Automated processes with AutoSet Plus

- » Selection of individual paving programs.
- » Storing of all paving-relevant parameters.
- » Automatic preparation of the paver for repositioning at the push of a button.
- » No settings are lost between paving and moving the paver on the job site.
- » The augers and deflectors in front of the crawler tracks are prevented from any damage.



The ErgoBasic and ErgoPlus 3 operating concepts

- » ErgoBasic is based on the proven ErgoPlus system, but tailored to the functions of our mini pavers.
- » It encompasses the paver operator's console, two remote control units for the screed (one on each side of the screed), and a remote control unit for Niveltronic Basic, the System for Automated Grade and Slope Control, on our mini pavers.
- » Function and status displays are indicated by LED strips. The switches and symbols were all adopted directly from the ErgoPlus system.
- » This makes VÖGELE the only manufacturer to offer a standardized operating concept for all paver classes.

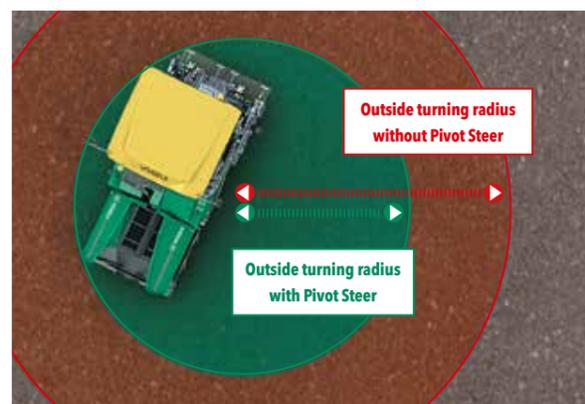


- » The paver operator's ErgoPlus 3 console comes with a large colour display which provides brilliant readability even in poor lighting conditions.
- » The extremely robust screed operator's console also has a large high-contrast colour display with push-buttons that are backlit in the hours of twilight and darkness to prevent operating errors.
- » The screed operator has a SmartWheel with two speeds for absolutely precise screed width control.



Reliable transfer of the mix with PaveDock Assistant and PaveDock

- » PaveDock Assistant enables clear and direct communication between the paver operator and the driver of the feed vehicle.
- » The PaveDock sprung push-rollers efficiently prevent the transmission of jolts from the feed vehicle to the paver when docking.
- » The combination of PaveDock and PaveDock Assistant maximizes process safety when transferring mix: a sensor installed in the sprung push-rollers indicates whenever a mix lorry has docked onto the paver.



Extremely small turning radius with Pivot Steer

- » The Pivot Steer steering brake reduces the torque of the rear inner wheel on "Dash 3" wheeled pavers.
- » Significant reduction of the outside turning radius means the machines can turn almost on the spot.
- » For improved manoeuvrability on cramped job sites.



Features of the AB 500 and AB 600 Extending Screeds

- » Optimized tamper geometry produces a flatter screed planing angle. This results in a longer service life and even better compaction and evenness.
- » Improved ascent to the operator's platform thanks to lower design of the screed and an additional folding step. All steps can also be viewed from above.
- » Covers, walkway and ascent are now rubber-mounted in the AB 500 and AB 600 Extending Screeds. This reduces disturbing noise emissions.

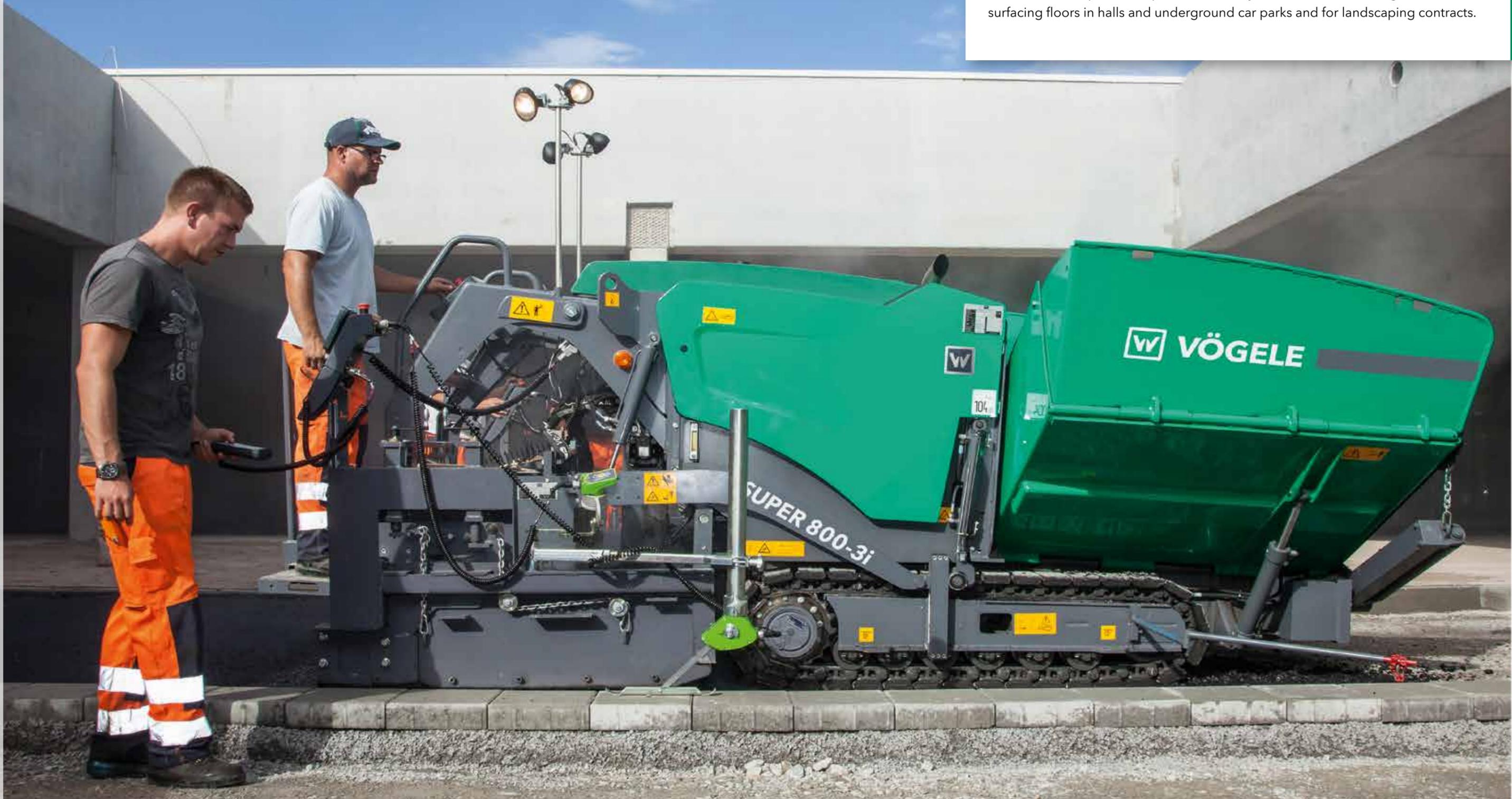


- » Hydraulic crown control through quick and precise adjustment on the ErgoPlus 3 screed console.
- » The screed heating time has been significantly reduced. Uniform heating of the screed plates, tamper bar and pressure bar(s) enables an absolutely uniform surface of the pavement.
- » Optimized guidance of telescoping tubes enhances sliding properties and prolongs service life.

The functions available vary according to paver model.

MINI CLASS

Small and efficient: the Mini Class comprises VÖGELE's small pavers, which are designed for repair work and for constructing cycle and foot paths, farm tracks, small roads and park and sports areas. They are used for backfilling trenches, surfacing floors in halls and underground car parks and for landscaping contracts.





SUPER 700-3(i)

Thanks to its compact dimensions, great manoeuvrability, variable pave width and high performance, the SUPER 700-3(i) is the ideal paver for surfacing small paths, roadways and open areas.

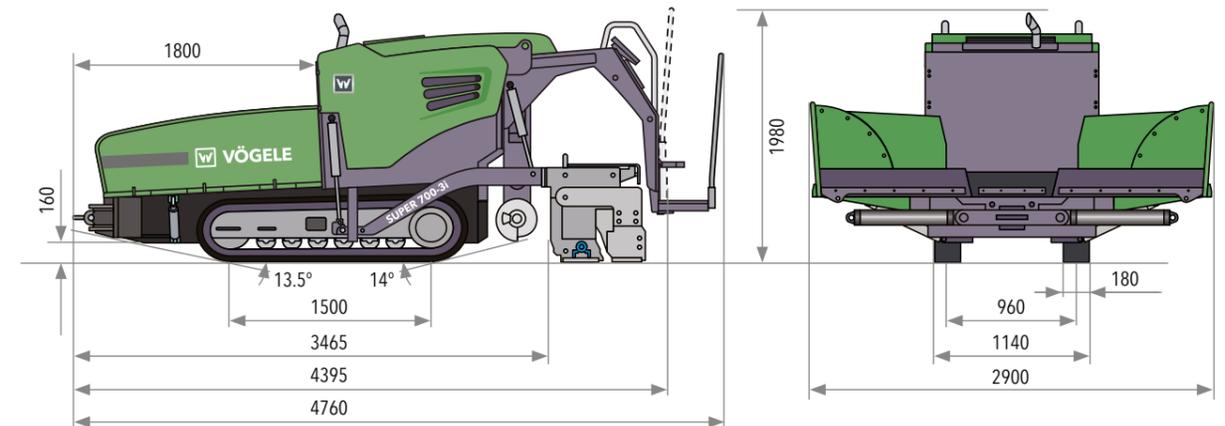
The small SUPER 700-3(i) standing out through an excellent price/performance ratio is the ideal machine in the equipment pools of both private and municipal road building contractors.

- // **Compact design** for paving applications in confined spaces
- // **Modern machine design** for excellent visibility for the operator
- // **ErgoBasic operating system**, particularly easy to use
- // **Asymmetrical material hopper**, ensuring easy supply of mix by a feed vehicle even when things get really tight
- // **Modern, powerful** 4-cylinder diesel engine
- // **Traction drives in closed loops**, assuring positive tracking and precise steering
- // **Cutting-edge AB 220 V** Extending Screed with vibrators



Subject to technical modification.

Maximum pave width 3.2m
Maximum laydown rate 250t/h



| Power unit | |
|-----------------------------------|---|
| SUPER 700-3i | for EU/EFTA countries / USA / Canada |
| Engine | Deutz |
| Type | TCD 2.9 L4 |
| Output | |
| Nominal | 55.4kW at 2,200rpm (according to DIN) |
| ECO mode | 54kW at 1,800rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC |
| Fuel tank | 80 litres |
| SUPER 700-3 | for all other countries |
| Engine | Deutz |
| Type | TD 2.9 L4 |
| Output | |
| Nominal | 54kW at 2,200rpm (according to DIN) |
| ECO mode | 49kW at 1,800rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 80 litres |
| Undercarriage | |
| Crawler tracks | provided with rubber pads |
| Ground contact | 1,500mm x 180mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 30m/min., infinitely variable |
| Travel | up to 3.6km/h, infinitely variable |

| Conveyor and augers | |
|-----------------------------------|---|
| Drive | separate hydraulic |
| Conveyor | 1, with replaceable feeder bars, conveyor movement is reversible |
| Augers | 2, mounted overhung, auger rotation is reversible |
| Diameter | 300mm |
| Height | |
| Standard | infinitely variable by 10cm, mechanical |
| Option | infinitely variable by 10cm, hydraulic |
| Material hopper | |
| Hopper capacity | 5.8t |
| Width | 2,900mm |
| Screed | |
| AB 220 | basic width 1.2m infinitely variable range 1.2m to 2.2m maximum width 3.2m minimum pave width with reduction system 0.5m |
| Screed version | V |
| Layer thickness | up to 15cm |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Clearance width | 1.4m |
| Length | tractor unit with screed |
| AB 220 V | 4.4m |
| Weight | tractor unit with screed |
| AB 220 V | 6.2t |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **V** = with vibrators

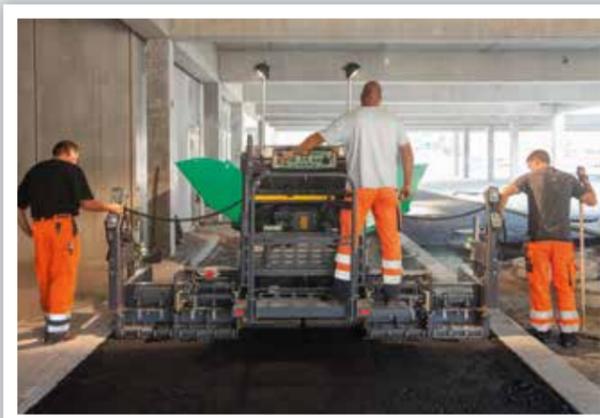


SUPER 800-3(i)

The **SUPER 800-3(i)** combined with the AB 220 Extending Screed in TV version achieves excellent compacting results exceptional for a paver in its class.

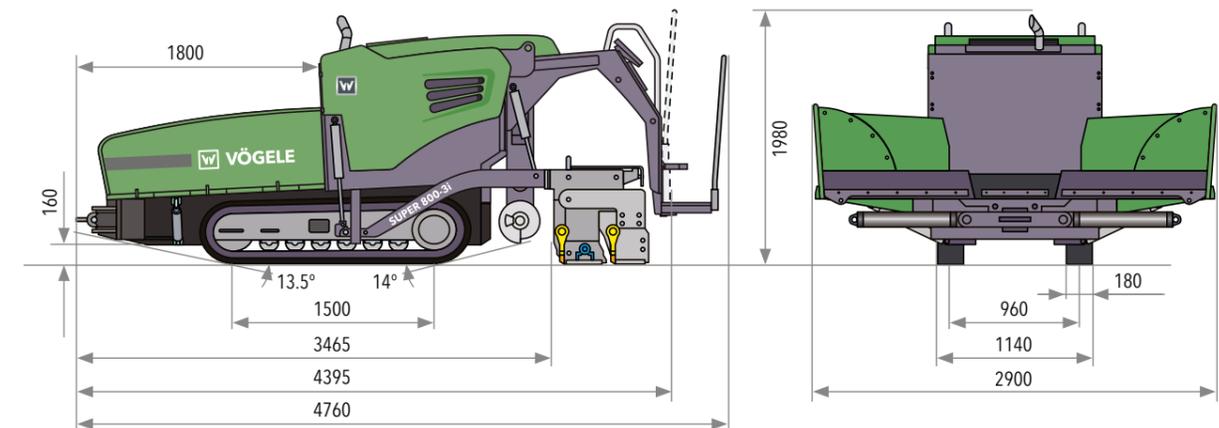
It easily handles most varied jobs including construction and reinstatement of farm tracks, small roads, footpaths or cycle paths. The SUPER 800-3(i) standing out through an excellent price/performance ratio is the ideal machine in the equipment pool also of municipal road building contractors.

- // **Compact design** for paving applications in confined spaces
- // **Modern machine design**, providing excellent visibility for the operator
- // **ErgoBasic operating system**, particularly easy to use
- // **Asymmetrical material hopper**, ensuring easy supply of mix by a feed vehicle even when things get really tight
- // **Modern, powerful** 4-cylinder diesel engine
- // **Traction drives in closed loops**, assuring positive tracking and precise steering
- // **Cutting-edge AB 220 TV Extending Screed** with tamper and vibrators for high precompaction



Subject to technical modification.

Maximum pave width 3.5m
Maximum laydown rate 300t/h



| Power unit | |
|-----------------------------------|---|
| SUPER 800-3i | for EU/EFTA countries / USA / Canada |
| Engine | Deutz |
| Type | TCD 2.9 L4 |
| Output | |
| Nominal | 55.4kW at 2,200rpm (according to DIN) |
| ECO mode | 54kW at 1,800rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC |
| Fuel tank | 80 litres |
| SUPER 800-3 | for all other countries |
| Engine | Deutz |
| Type | TD 2.9 L4 |
| Output | |
| Nominal | 54kW at 2,200rpm (according to DIN) |
| ECO mode | 49kW at 1,800rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 80 litres |
| Undercarriage | |
| Crawler tracks | provided with rubber pads |
| Ground contact | 1,500mm x 180mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 30m/min., infinitely variable |
| Travel | up to 3.6km/h, infinitely variable |

| Conveyor and augers | |
|-----------------------------------|--|
| Drive | separate hydraulic |
| Conveyor | 1, with replaceable feeder bars, conveyor movement is reversible |
| Augers | 2, mounted overhung, auger rotation is reversible |
| Diameter | 300mm |
| Height | |
| Standard | infinitely variable by 10cm, mechanical |
| Option | infinitely variable by 10cm, hydraulic |
| Material hopper | |
| Hopper capacity | 5.8t |
| Width | 2,900mm |
| Screed | |
| AB 220 | basic width 1.2m |
| | infinitely variable range 1.2m to 2.2m |
| | maximum width 3.5m |
| | minimum pave width with reduction system 0.5m |
| Screed version | TV |
| Layer thickness | up to 20cm |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Clearance width | 1.4m |
| Length | tractor unit with screed 4.4m |
| Weight | tractor unit with screed 6.6t |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TV** = with tamper and vibrators

COMPACT CLASS

Compact and highly manoeuvrable: these are the distinctive features of the Compact Class pavers. VÖGELE compact pavers are thus ideally suited for small to medium-sized construction projects, even in tight spaces. This includes the construction or pavement rehabilitation of combined foot and cycle paths, inner-city streets, farm tracks or small to medium-sized areas.





SUPER 1100-3(i)

The **SUPER 1100-3(i)** is a paver of the Compact Class standing out through excellent cost-efficiency. Thanks to a range of pave widths extending from 0.75m to 4.2m, the paver handles a large variety of surfacing tasks with ease and manoeuvres with equal ease, even in very confined spaces, due to its overall length of just 4.95m.

The SUPER 1100-3(i) comes with ErgoPlus 3, the VÖGELE system for easy paver operation, adding to even more safety and higher quality on job sites.

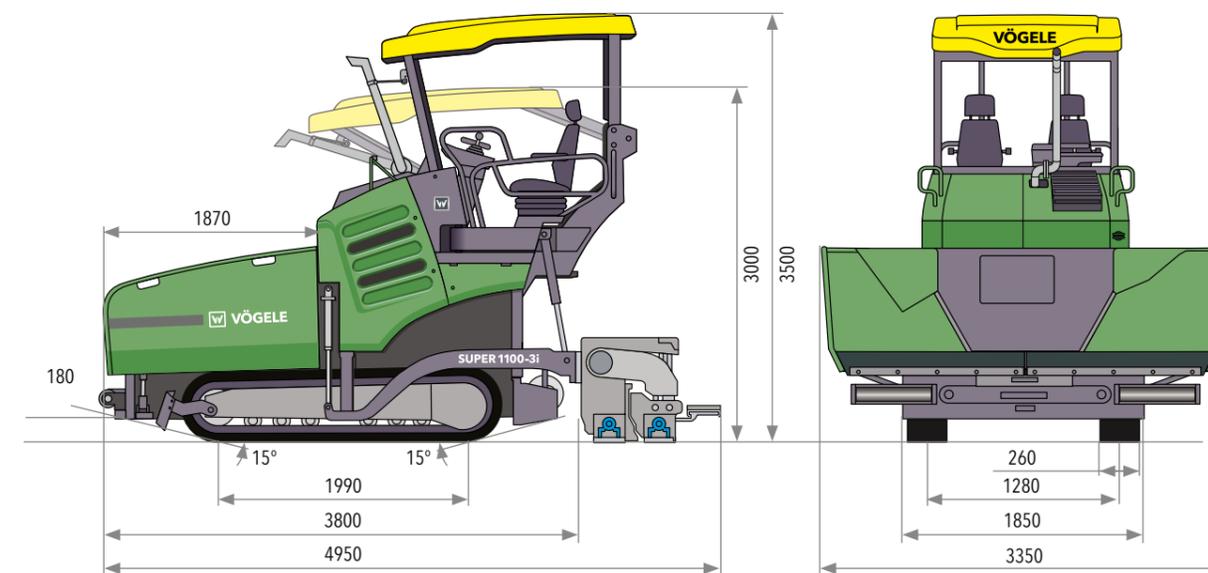
- // **Transport width** of just 1.85m
- // **Modern and powerful Deutz engine** rated at 74.4kW
- // **ErgoPlus 3** with a number of additional ergonomic and functional advantages
- // **Combines with AB 340 Extending Sced** in V version (with vibrators)
- // **Powerful electric screed heating**



Subject to technical modification.

Maximum pave width 4.2m
Maximum laydown rate 300t/h

Dimensions in mm



| Power unit | |
|-----------------------------------|---|
| SUPER 1100-3i | for EU/EFTA countries/USA/Canada |
| Engine | Deutz |
| Type | TCD 3.6 L4 |
| Output | |
| Nominal | 74.4kW at 2,000rpm (according to DIN) |
| ECO mode | 68.7kW at 1,600rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| Fuel tank | 110 litres |
| SUPER 1100-3 | for all other countries |
| Engine | Deutz |
| Type | TCD 3.6 L4 |
| Output | |
| Nominal | 74.4kW at 2,000rpm (according to DIN) |
| ECO mode | 68.7kW at 1,600rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 110 litres |
| Undercarriage | |
| Crawler tracks | provided with rubber pads |
| Ground contact | 1,990mm x 260mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 30m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |

| Conveyor and augers | |
|-----------------------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 300mm |
| Height | infinitely variable by 13cm, mechanical |
| Material hopper | |
| Hopper capacity | 10t |
| Width | 3,350mm |
| Screed | |
| AB 340 | basic width 1.8m infinitely variable range 1.8m to 3.4m maximum width 4.2m minimum width 0.75m reduction in width: by cut-off shoes 2 x 52.5cm |
| Screed version | V |
| Layer thickness | up to 20cm |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Width | 1.85m |
| Length | tractor unit with screed 4.95m |
| Weight | tractor unit with screed 10.2t |

Key: DOC = Diesel Oxidation Catalyst, SCR = Selective Catalytic Reduction, AB = Extending Sced, V = with vibrators



SUPER 1103-3(i)

Based on its overall concept, the SUPER 1103-3(i) features a particularly compact design and high economic efficiency. Wherever your paving job is building minor roads or surfacing small areas, this wheeled paver is the ideal candidate.

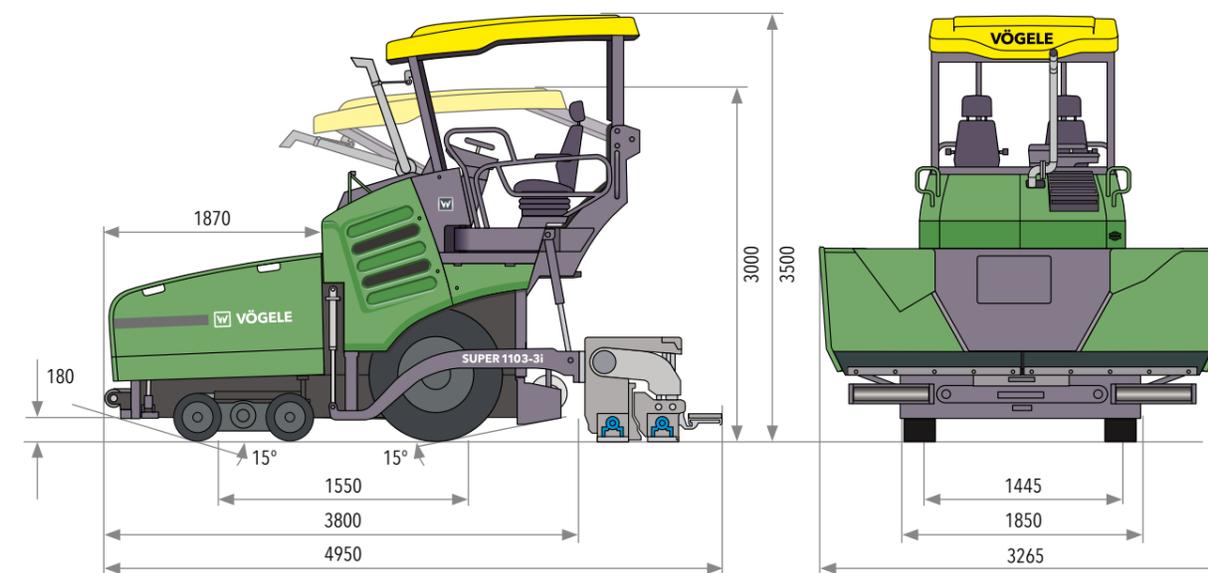
Though of compact size, SUPER 1103-3(i) handles a remarkable range of pave widths. Combined with the AB 340 Extending Screed, its maximum pave width is 4.2m.

- // **Significant reduction** of the outside turning radius to just 3.8m thanks to Pivot Steer feature
- // **Modern and powerful Deutz engine** rated at 74.4kW
- // **ErgoPlus 3** with a number of additional ergonomic and functional advantages
- // **Combines with AB 340 Extending Screed** in V version (with vibrators)
- // **Powerful electric screed heating**



Subject to technical modification.

Maximum pave width 4.2m
Maximum laydown rate 200t/h



| Power unit | |
|-----------------------------------|---|
| SUPER 1103-3i | for EU/EFTA countries/USA/Canada |
| Engine | Deutz |
| Type | TCD 3.6 L4 |
| Output | |
| Nominal | 74.4kW at 2,000rpm (according to DIN) |
| ECO mode | 68.7kW at 1,600rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| Fuel tank | 100 litres |
| SUPER 1103-3 | for all other countries |
| Engine | Deutz |
| Type | TCD 3.6 L4 |
| Output | |
| Nominal | 74.4kW at 2,000rpm (according to DIN) |
| ECO mode | 68.7kW at 1,600rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 100 litres |
| Undercarriage | |
| Traction Drive | hydraulic, separate drive and electronic control provided for each wheel 2 rear wheels (6x2) |
| Standard | |
| Speeds | |
| Paving | up to 30m/min., infinitely variable |
| Travel | up to 20km/h, infinitely variable |
| Outside turning radius | minimum 3.8m (with Pivot Steer) |

| Conveyor and augers | |
|-----------------------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 300mm |
| Height | infinitely variable by 13cm, mechanical |
| Material hopper | |
| Hopper capacity | 10t |
| Width | 3,265mm |
| Screed | |
| AB 340 | basic width 1.8m infinitely variable range 1.8m to 3.4m maximum width 4.2m minimum width 0.75m reduction in width: by cut-off shoes 2 x 52.5cm |
| Screed version | V |
| Layer thickness | up to 20cm |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Width | 1.85m |
| Length | tractor unit with screed 4.95m |
| Weight | tractor unit with screed 10t |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **V** = with vibrators
SCR = Selective Catalytic Reduction



SUPER 1300-3(i)

The **SUPER 1300-3(i)** is an extremely compact road paver that nevertheless achieves a high laydown rate and offers pave widths up to 5m.

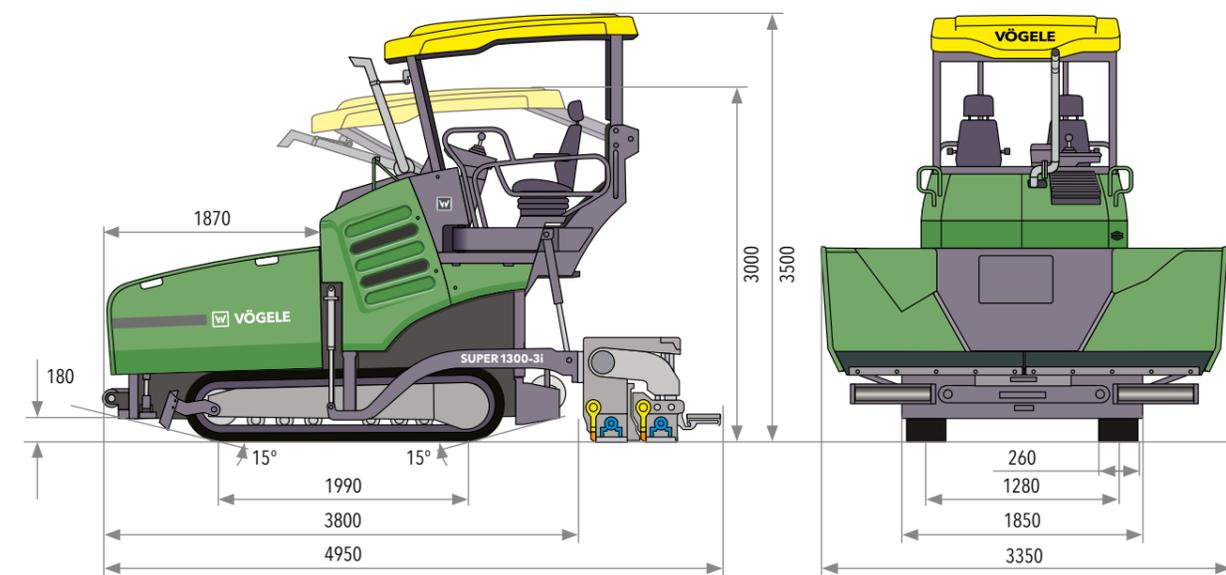
It handles a wide range of most varied surfacing tasks including combined foot and cycle paths, farm tracks or minor roadways. Due to pave widths from 0.75m to 5m, the SUPER 1300-3(i) gets all these jobs done with ease and to a high level of quality.

- // **Modern and powerful Deutz engine** rated at 74.4kW
- // **ErgoPlus 3** with a number of additional ergonomic and functional advantages
- // **Hardtop** with wide sunshades
- // **PaveDock Assistant** for process safety during transfer of the mix
- // **Combines with AB 340 Extending Screed** in TV version (with tamper and vibrators)
- // **Powerful electric screed heating**



Subject to technical modification.

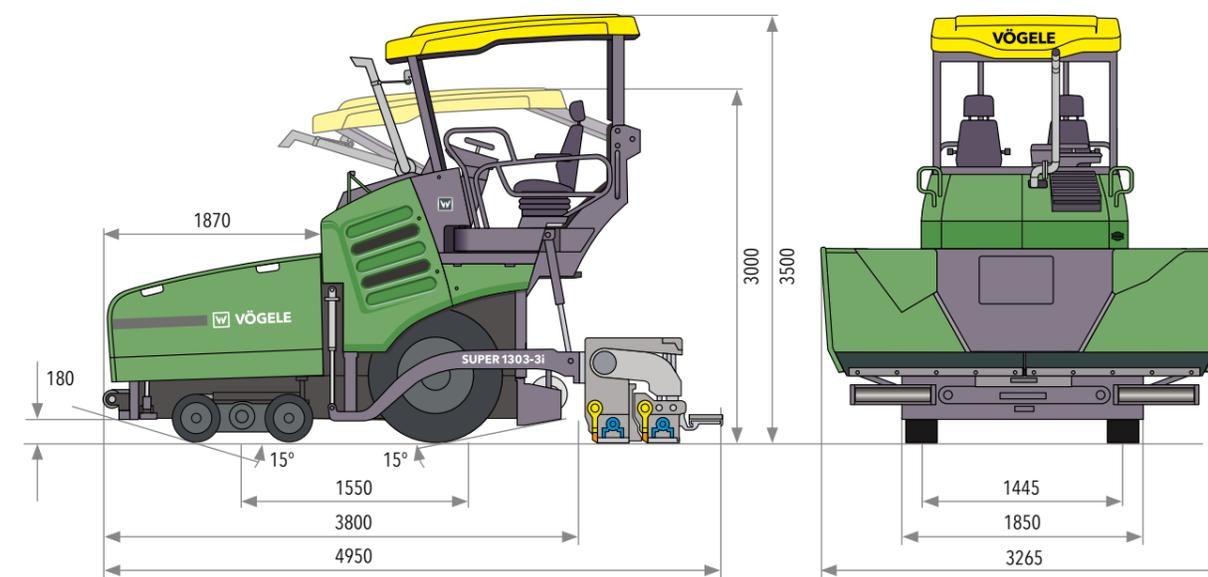
Maximum pave width 5m
Maximum laydown rate 350t/h



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

| Conveyor and augers | |
|--------------------------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 300mm |
| Height | |
| Standard | infinitely variable by 13cm, mechanical |
| Option | infinitely variable by 13cm, hydraulic |
| Material hopper | |
| Hopper capacity | 10t |
| Width | 3,350mm |
| Screed | |
| AB 340 | |
| basic width | 1.8m |
| infinitely variable range | 1.8m to 3.4m |
| maximum width | 5m |
| minimum width | 0.75m |
| reduction in width: by cut-off shoes | 2 x 52.5cm |
| Screed version | TV |
| Layer thickness | up to 25cm |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Width | 1.85m |
| Length | |
| tractor unit with screed | 4.95m |
| AB 340 TV | 4.95m |
| Weight | |
| tractor unit with screed | 10.6t |
| AB 340 TV | 10.6t |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TV** = with tamper and vibrators
SCR = Selective Catalytic Reduction



SUPER 1303-3(i)

The wheeled SUPER 1303-3(i) stands out through an extremely compact design and excellent manoeuvrability.

A basic width of 1.85m and an overall length of just 4.95m make the paver ideal for jobs in confined spaces. Coming with the AB 340 Extending Screed for pave widths up to 4.5m, the SUPER 1303-3(i) conveniently handles medium-sized jobs, too.

- // **Significant reduction** of the outside turning radius to just 3.8m thanks to Pivot Steer feature
- // **Modern and powerful Deutz engine** rated at 74.4kW
- // **Front-wheel drive** (6x4)
- // **ErgoPlus 3** with a number of additional ergonomic and functional advantages
- // **PaveDock Assistant** for process safety during transfer of the mix
- // **Combines with AB 340 Extending Screed** in TV version (with tamper and vibrators)
- // **Powerful electric screed heating**



Subject to technical modification.

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

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

| Undercarriage | |
|-------------------------------|--|
| Traction Drive | hydraulic, separate drive and electronic control provided for each wheel |
| Standard | 2 rear wheels and 2 front wheels (6x4) |
| Speeds | |
| Paving | up to 30m/min., infinitely variable |
| Travel | up to 20km/h, infinitely variable |
| Outside turning radius | minimum 3.8m (with Pivot Steer) |

| Conveyor and augers | |
|---------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 300mm |
| Height | |
| Standard | infinitely variable by 13cm, mechanical |
| Option | infinitely variable by 13cm, hydraulic |

| Material hopper | |
|------------------------|---------|
| Hopper capacity | 10t |
| Width | 3,265mm |

| Screed | |
|------------------------|--|
| AB 340 | basic width 1.8m infinitely variable range 1.8m to 3.4m maximum width 4.5m minimum width 0.75m reduction in width: by cut-off shoes 2 x 52.5cm |
| Screed version | TV |
| Layer thickness | up to 25cm |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |

| Dimensions (transport) and weight | |
|-----------------------------------|--------------------------|
| Width | 1.85m |
| Length | tractor unit with screed |
| AB 340 TV | 4.95m |
| Weight | tractor unit with screed |
| AB 340 TV | 10.5t |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TV** = with tamper and vibrators
SCR = Selective Catalytic Reduction

UNIVERSAL CLASS

Versatile and powerful: the extremely wide range of applications is the most striking feature of pavers in the Universal Class. They handle motorway projects just as well as roundabouts, also because they can be combined with VÖGELE high-compaction technology.





SUPER 1400

The **SUPER 1400** is an extremely compact road paver that nevertheless achieves a high laydown rate and offers pave widths up to 7.3m.

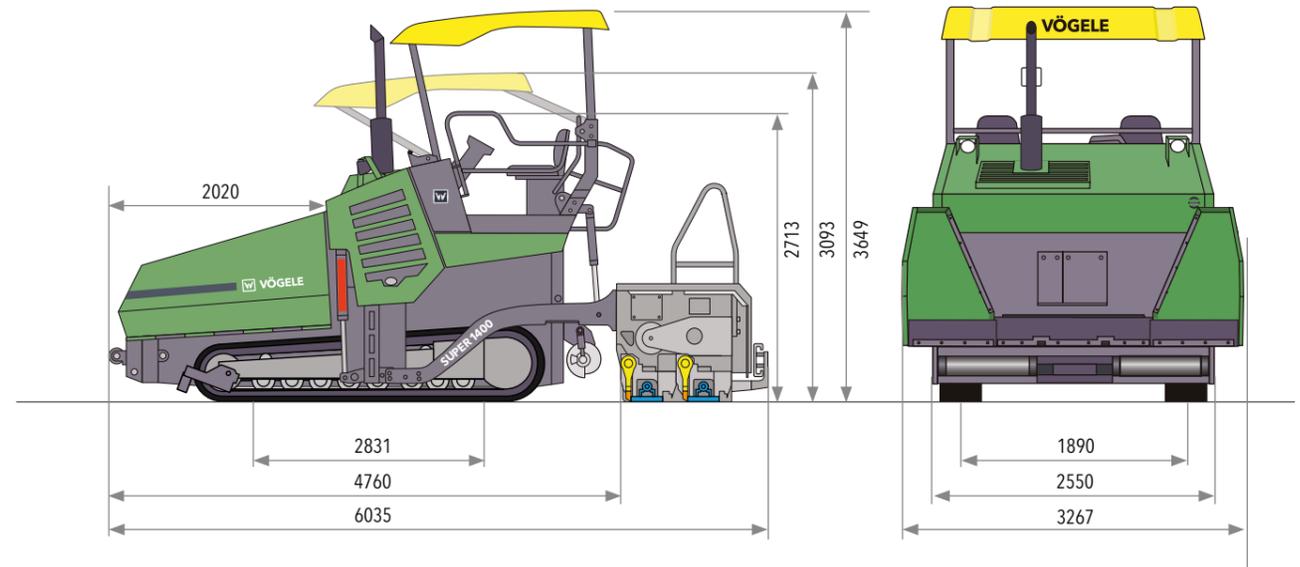
The innovative and easy-to-learn ErgoBasic operating system is every machine operator's dream, providing ergonomic working conditions tailored to real-life use.

- // **Powerful and reliable** thanks to the 112kW Cummins engine
- // **Powerful and economic drive concept** with a modern Cummins diesel engine
- // **Simple operation** with the innovative and easy-to-grasp ErgoBasic operating system
- // **New and easy-to-use Niveltronic Basic System** for Automated Grade and Slope Control
- // **Perfect paving quality** due to excellent material management
- // **Easy service concept**, perfectly geared to the requirements of the workshop and service staff
- // **Combines with the AB 480 Extending Screed** in the TV version
- // **Electric screed heating** provided for all compacting and smoothing screed elements



Subject to technical modification.

Maximum pave width 7.3m
Maximum laydown rate 600t/h



| Power unit | |
|-----------------------------------|---|
| Engine | 6-cylinder diesel engine, liquid-cooled |
| Manufacturer | Cummins |
| Type | 6BTA4.9 |
| Output | |
| Nominal | 112kW at 2,200rpm (according to DIN) |
| Exhaust emissions standard | Bharat Stage III |
| Fuel tank | 220 litres |

| Undercarriage | |
|--------------------------|---|
| Crawler tracks | provided with rubber pads |
| Ground contact | 2,831 x 305mm |
| Track tension adjuster | spring assembly |
| Track roller lubrication | lifetime |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 24m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |

| Material hopper | |
|------------------------|---|
| Hopper capacity | 13t |
| Width | 3,267mm |
| Feed height | 560mm |
| Push-rollers | |
| Standard | oscillating, can be displaced forwards by 150mm |

| Conveyors and augers | |
|----------------------|--|
| Conveyors | 2, with replaceable feeder bars, conveyor movement reversible for a short time separate hydraulic drive provided for each conveyor |
| Drive | |
| Speed | 25m/min. |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 400mm |
| Drive | separate hydraulic drive provided for each auger |
| Speed | up to 65rpm, infinitely variable (manual or automatic) |
| Height | infinitely variable by 15cm, mechanical |
| Lubrication | centralized lubrication points |

| Screed | | |
|------------------------|----------------------------|---------------|
| AB 480 | basic width | 2.55m |
| | infinitely variable range | 2.55m to 4.8m |
| | maximum width | 7.3m |
| Screed version | TV | |
| Layer thickness | maximum pave width 6m | 30cm |
| | maximum pave width 7.3m | 20cm |
| Screed heating | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions (transport) and weights | | |
|------------------------------------|--------------------------|-------|
| Length | tractor unit with screed | |
| AB 480 TV | 6.04m | |
| Weights | tractor unit with screed | |
| AB 480 TV | pave widths up to 4.8m | 16.5t |
| | pave widths up to 7.3m | 18t |

Key: AB = Extending Screed TV = with tamper and vibrators



SUPER 1403

The **SUPER 1403** wheeled paver is an all-rounder with great mobility. Thanks to its compact dimensions, the paver stands out through excellent manoeuvrability and is ideal for a variety of different applications.

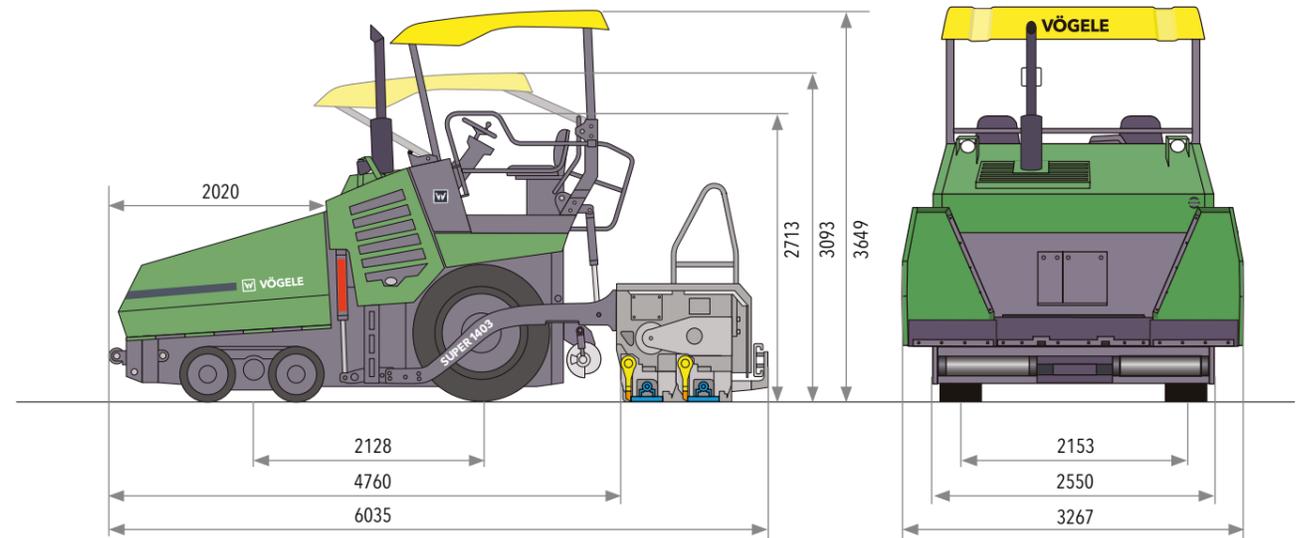
Thanks to the paver's statically defined undercarriage, the continuous ground contact of its powered wheels is always ensured. Combined with the AB 480 Extending Screed, its maximum pave width is 6m.

- // **Powerful and reliable** thanks to the 112kW Cummins engine
- // **Simple operation** with the innovative and easy-to-grasp ErgoBasic operating system
- // **New and easy-to-use Niveltronic Basic System** for Automated Grade and Slope Control
- // **Maximum power transmission** thanks to separate, hydraulic drives provided for the rear wheels and for one set of front wheels
- // **Significant reduction** of the outside turning radius to just 3.5m thanks to Pivot Steer feature
- // **Combines with the AB 480 Extending Screed** in the TV version
- // **Electric screed heating**
- // **Traction Assist** provided for the SUPER 1403 helps achieve perfect traction on any base



Subject to technical modification.

Maximum pave width 6m
Maximum laydown rate 600t/h



| Power unit | |
|-----------------------------------|---|
| Engine | 6-cylinder diesel engine, liquid-cooled |
| Manufacturer | Cummins |
| Type | 6BTAAS.9 |
| Output | |
| Nominal | 112kW at 2,200rpm (according to DIN) |
| Exhaust emissions standard | Bharat Stage III |
| Fuel tank | 220 litres |

| Undercarriage | |
|-------------------------------|--|
| Front wheels | 4, mounted on bogies |
| Tyre equipment | elastic solid-rubber tyres |
| Tyre size | 22/12 - 16 inches |
| Rear wheels | 2, pneumatic tyres |
| Tyre size | 14.00 R 25 |
| Traction drive | separate hydraulic drive provided for each wheel |
| Standard | 2 rear wheels and 2 front wheels (6x4) |
| Speeds | |
| Paving | up to 18m/min., infinitely variable |
| Travel | up to 12km/h, infinitely variable |
| Outside turning radius | minimum 3.5m (with Pivot Steer) |

| Material hopper | |
|------------------------|---|
| Hopper capacity | 13t |
| Width | 3,267mm |
| Feed height | 560mm |
| Push-rollers | |
| Standard | oscillating, can be displaced forwards by 150mm |

| 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 | 25m/min. |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 400mm |
| Drive | separate hydraulic drive provided for each auger |
| Speed | up to 65rpm, infinitely variable (manual or automatic) |
| Height | infinitely variable by 15cm, mechanical |
| Lubrication | centralized lubrication points |

| Screed | | |
|------------------------|----------------------------|---------------|
| AB 480 | basic width | 2.55m |
| | infinitely variable range | 2.55m to 4.8m |
| | maximum width | 6m |
| Screed version | TV | |
| Layer thickness | up to 30cm | |
| Screed heating | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions (transport) and weights | | |
|------------------------------------|--------------------------|--------|
| Length | tractor unit with screed | |
| AB 480 TV | 6.04m | |
| Weights | tractor unit with screed | |
| AB 480 TV | pave widths up to 4.8m | 15.25t |
| | pave widths up to 6m | 16.1t |

Key: AB = Extending Screed TV = with tamper and vibrators

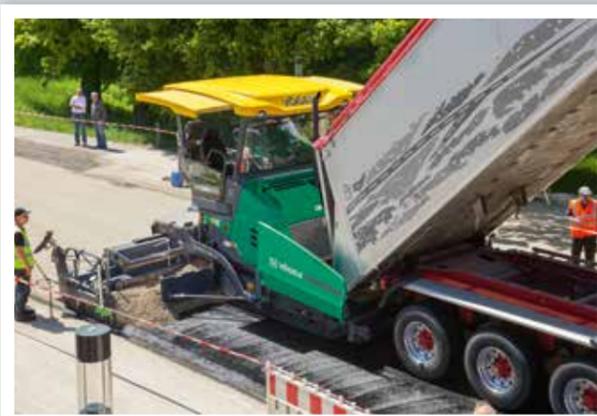


SUPER 1600-3(i)

The **SUPER 1600-3(i)** stands out through excellent manoeuvrability and is a versatile tracked paver of the Universal Class. Highly efficient drive units are installed providing for particularly economical and eco-friendly operation.

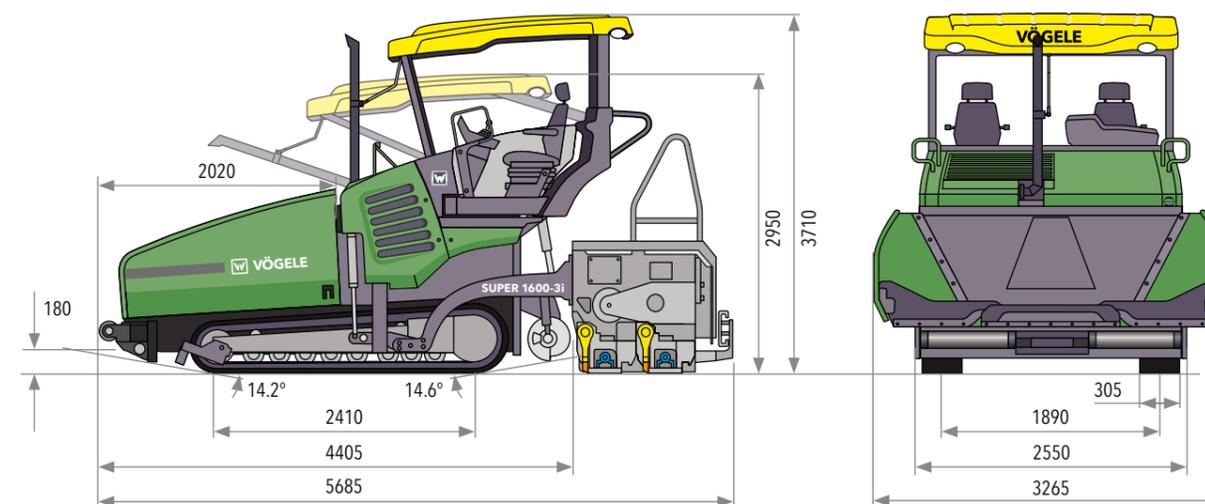
ErgoPlus 3 shows how easy operation of cutting-edge technology can be. Thanks to the ergonomic VÖGELE operating system, the paver can be operated easily and safely.

- // **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 of the paver on the job site and for storing individual paving programs
- // **PaveDock Assistant** for process safety during transfer of the mix
- // **PaveDock sprung push-rollers** reliably absorb all jolts from the feed vehicle



Subject to technical modification.
*Pave widths of 7m and 7.5m are possible with extra equipment (available upon request).

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



| Power unit | |
|-----------------------------------|---|
| SUPER 1600-3i | for EU/EFTA countries/USA/Canada/Japan |
| Engine | Cummins |
| Type | QSB4.5-C155 |
| Output | |
| Nominal | 116kW at 2,000rpm (according to DIN) |
| ECO mode | 106kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 3b, US EPA Tier 4i |
| Exhaust gas after-treatment | DOC |
| Fuel tank | 220 litres |
| SUPER 1600-3 | for all other countries |
| Engine | Cummins |
| Type | QSB4.5-C155 |
| Output | |
| Nominal | 116kW at 2,000rpm (according to DIN) |
| ECO mode | 106kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 220 litres |
| Undercarriage | |
| Crawler tracks | provided with rubber pads |
| Ground contact | 2,410mm x 305mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 24m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |

| Conveyor and augers | |
|-----------------------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 400mm |
| Height | infinitely variable by 15cm, hydraulic |
| Material hopper | |
| Hopper capacity | 13t |
| Width | 3,265mm |
| Screed options | |
| AB 480 | basic width 2.55m infinitely variable range 2.55m to 4.8m maximum width 6.3m |
| AB 500 | basic width 2.55m infinitely variable range 2.55m to 5m maximum width 7.5m* |
| AB 600 | basic width 3m infinitely variable range 3m to 6m maximum width 7.5m* |
| Screed version | TV |
| Layer thickness | up to 30cm |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Width | 2.55m |
| Length | tractor unit with screed 5.69m |
| Weight | tractor unit with screed 18.1t |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TV** = with tamper and vibrators



SUPER 1603-3(i)

The **SUPER 1603-3(i)** wheeled paver is an all-rounder with great mobility. Thanks to its compact dimensions and the Pivot Steer feature, the paver stands out through excellent manoeuvrability and is ideal for a variety of different applications.

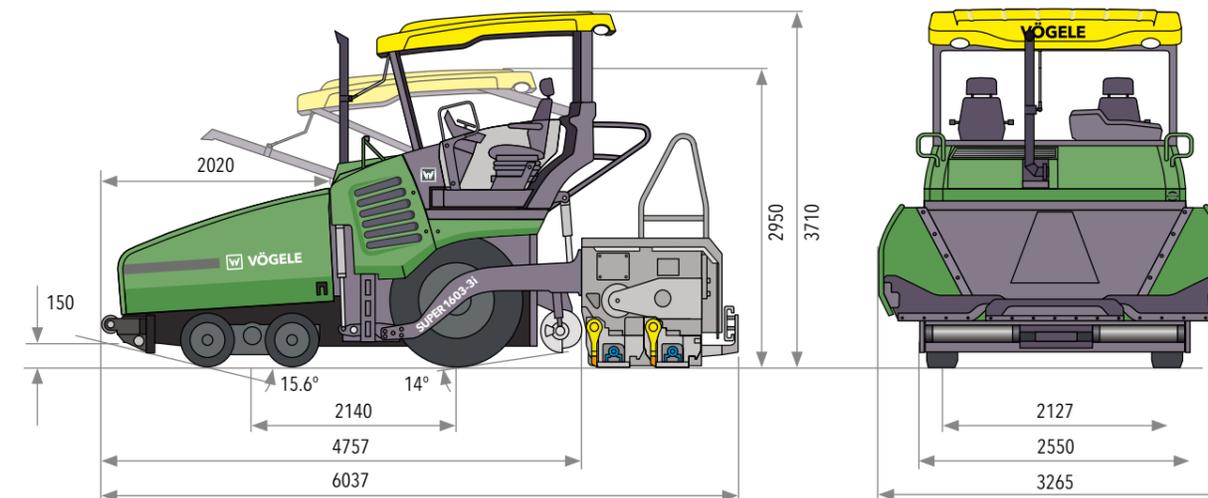
Thanks to ErgoPlus 3, the VÖGELE system for paver handling, operators have never had it so good in terms of simplicity and ease of operation.

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



Subject to technical modification.

Maximum pave width 7m
Maximum laydown rate 600t/h



| Power unit | |
|-----------------------------------|--|
| SUPER 1603-3i | for EU/EFTA countries/USA/Canada/Japan |
| Engine | Cummins |
| Type | QSB4.5-C155 |
| Output | |
| Nominal | 116kW at 2,000rpm (according to DIN) |
| ECO mode | 106kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 3b, US EPA Tier 4i |
| Exhaust gas after-treatment | DOC |
| Fuel tank | 215 litres |

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

| Undercarriage | |
|-------------------------------|--|
| Traction Drive | hydraulic, separate drive and electronic control provided for each wheel |
| Standard | 2 rear wheels (6x2) |
| Option | 2 rear wheels and 2 front wheels (6x4) 2 rear wheels and 4 front wheels (6x6) |
| Speeds | |
| Paving | up to 18m/min., infinitely variable |
| Travel | up to 20km/h, infinitely variable |
| Outside turning radius | minimum 3.5m (with Pivot Steer) |

| Conveyor and augers | |
|---------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 400mm |
| Height | infinitely variable by 15cm, hydraulic |

| Material hopper | |
|------------------------|---------|
| Hopper capacity | 13t |
| Width | 3,265mm |

| Screed options | | |
|------------------------|----------------------------|---------------|
| AB 480 | basic width | 2.55m |
| | infinitely variable range | 2.55m to 4.8m |
| | maximum width | 6.3m |
| AB 500 | basic width | 2.55m |
| | infinitely variable range | 2.55m to 5m |
| | maximum width | 7m |
| Screed version | TV | |
| Layer thickness | up to 30cm | |
| Screed heating | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions (transport) and weight | |
|-----------------------------------|--------------------------|
| Width | 2.55m |
| Length | tractor unit with screed |
| AB 500 TV | 6m |
| Weight | tractor unit with screed |
| AB 500 TV | 17.5t |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TV** = with tamper and vibrators



SUPER 1800-3(i)

The **SUPER 1800-3(i)** is the most powerful tracked paver in its performance class and ideal for a wide variety of paving applications. The paver conceived for a maximum pave width of 10m while based on a machine length of just 6m handles motorway projects with the same high perfection as it copes with confined spaces when tackling roundabouts.

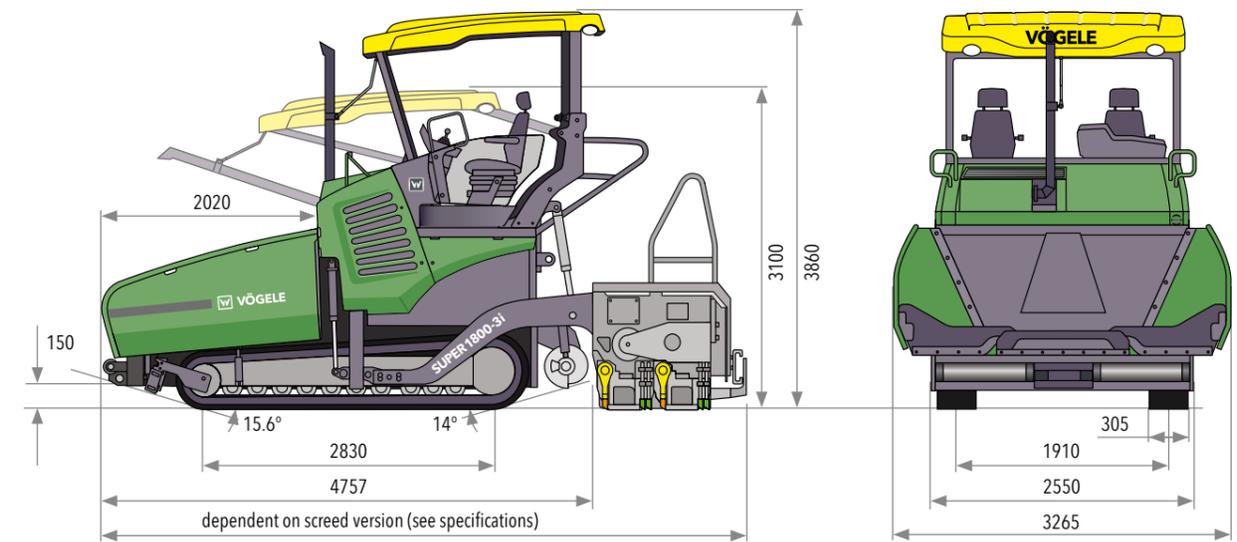
The innovative and easy-to-learn ErgoPlus 3 operating system is every machine operator's dream, providing ergonomic working conditions tailored to real-life use.

- // **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 of the paver on the job site and for storing individual paving programs
- // **PaveDock Assistant** for process safety during transfer of the mix
- // **PaveDock sprung push-rollers** reliably absorb all jolts from the feed vehicle



Subject to technical modification.

Maximum pave width 10m
Maximum laydown rate 700t/h



| Power unit | |
|-----------------------------------|--|
| SUPER 1800-3i | for EU/EFTA countries/USA/Canada/Japan |
| Engine | Cummins |
| Type | QSB6.7-C164 |
| Output | |
| Nominal | 125kW at 2,000rpm (according to DIN) |
| ECO mode | 121kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| Fuel tank | 300 litres |

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

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

| Conveyor and augers | |
|---------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 400mm |
| Height | infinitely variable by 15cm, hydraulic |

| Material hopper | |
|------------------------|---------|
| Hopper capacity | 13t |
| Width | 3,265mm |

| Screed options | | |
|------------------------|--|-------------|
| AB 500 | basic width | 2.55m |
| | infinitely variable range | 2.55m to 5m |
| | maximum width (TV/TP1) | 8.5m |
| AB 600 | basic width | 3m |
| | infinitely variable range | 3m to 6m |
| | maximum width (TV/TP1) | 9m |
| SB 250 | basic width | 2.5m |
| | maximum width (TV/TP1) | 10m |
| Screed versions | TV, TP1, TP2, TP2 Plus (AB 500/AB 600) | |
| Layer thickness | up to 30cm | |
| Screed heating | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions (transport) and weight | | | |
|-----------------------------------|--------------------------|--------------------------|------|
| Width | 2.55m | | |
| Length | tractor unit with screed | | |
| | AB 500/AB 600 | TV | 6m |
| | | TP1/TP2/TP2 Plus | 6.1m |
| SB 250 | TV/TP1/TP2 | 6m | |
| | Weight | tractor unit with screed | |
| AB 500 TV | 19.4t | | |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TV** = with tamper and vibrators **TP2** = with tamper and 2 pressure bars
SCR = Selective Catalytic Reduction **SB** = Fixed-Width Screed **TP1** = with tamper and 1 pressure bar **TP2 Plus** = with special tamper, 2 pressure bars and additional weights

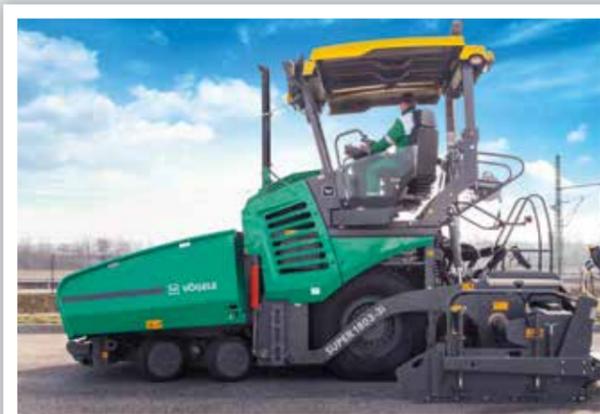


SUPER 1803-3(i)

The **SUPER 1803-3(i)** is the most powerful wheeled paver in the range of VÖGELE products. At a high level of perfection, it combines features such as sturdy and reliable material handling, large pave widths up to 8m, excellent mobility and easy transfer under its own power.

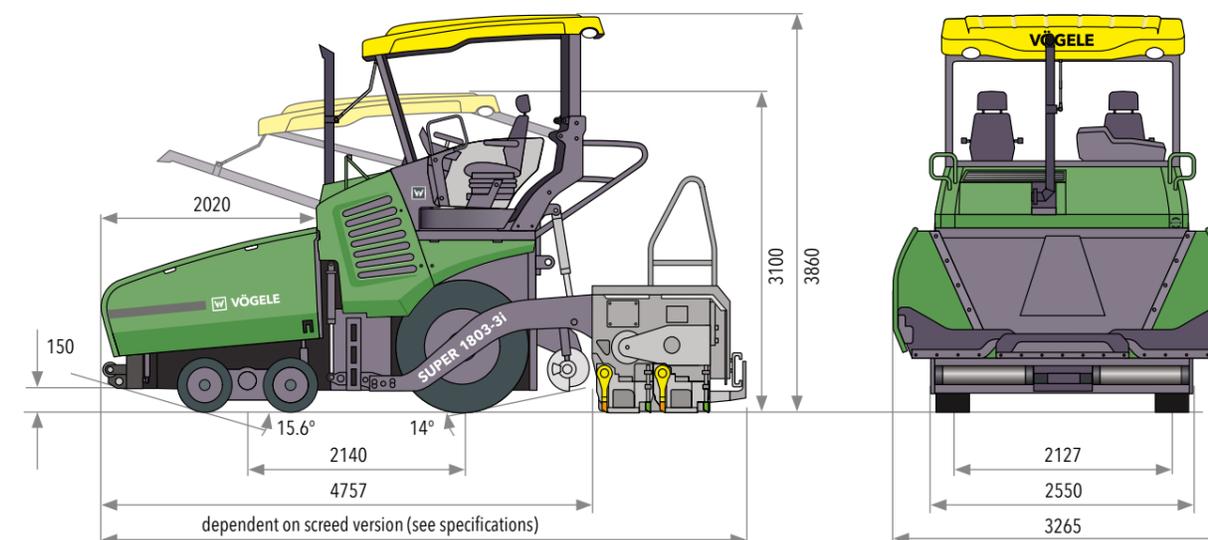
Thanks to the paver's statically defined undercarriage, permanent ground contact of its powered wheels is always ensured. Drive variants with 6x4 and 6x6 are available. With ErgoPlus 3, handling of the paver is child's play.

- // **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 of the paver on the job site and for storing individual paving programs
- // **Significant reduction** of the outside turning radius to just 3.5m thanks to Pivot Steer feature
- // **PaveDock Assistant** for process safety during transfer of the mix



Subject to technical modification.

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



| Power unit | |
|-----------------------------------|--|
| SUPER 1803-3i | for EU/EFTA countries/USA/Canada/Japan |
| Engine | Cummins |
| Type | QSB6.7-C164 |
| Output | |
| Nominal | 125kW at 2,000rpm (according to DIN) |
| ECO mode | 121kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| Fuel tank | 220 litres |

| SUPER 1803-3 | |
|-----------------------------------|--------------------------------------|
| Engine | for all other countries |
| Type | Cummins |
| Type | QSB6.7-C170 |
| Output | |
| Nominal | 127kW at 2,000rpm (according to DIN) |
| ECO mode | 116kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 220 litres |

| Undercarriage | |
|-------------------------------|--|
| Traction Drive | hydraulic, separate drive and electronic control provided for each wheel |
| Standard | 2 rear wheels and 2 front wheels (6x4) |
| Option | 2 rear wheels and 4 front wheels (6x6) |
| Speeds | |
| Paving | up to 18m/min., infinitely variable |
| Travel | up to 20km/h, infinitely variable |
| Outside turning radius | minimum 3.5m (with Pivot Steer) |

| Conveyor and augers | |
|---------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 400mm |
| Height | infinitely variable by 15cm, hydraulic |

| Material hopper | |
|------------------------|---------|
| Hopper capacity | 13t |
| Width | 3,265mm |

| Screed options | | |
|------------------------|----------------------------|-------------|
| AB 500 | basic width | 2.55m |
| | infinitely variable range | 2.55m to 5m |
| | maximum width (TV/TP1) | 8m |
| AB 600 | basic width | 3m |
| | infinitely variable range | 3m to 6m |
| | maximum width (TV) | 8m |
| Screed versions | TV, TP1 (AB 500) | |
| Layer thickness | up to 30cm | |
| Screed heating | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions (transport) and weight | | |
|-----------------------------------|--------------------------|------|
| Width | 2.55m | |
| Length | tractor unit with screed | |
| | AB 500/AB 600 | 6m |
| | TP1 | 6.1m |
| Weight | tractor unit with screed | |
| AB 500 TV | 17.8t | |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TV** = with tamper and vibrators
SCR = Selective Catalytic Reduction **TP1** = with tamper and 1 pressure bar

HIGHWAY CLASS

Far and wide: motorways and other challenging large-scale projects are the domain of VÖGELE pavers in the Highway Class. With these machines, exceptional pave widths and laydown rates, the optional use of high-compaction technology and ample power are features that go without saying.





SUPER 1900-3(i)

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

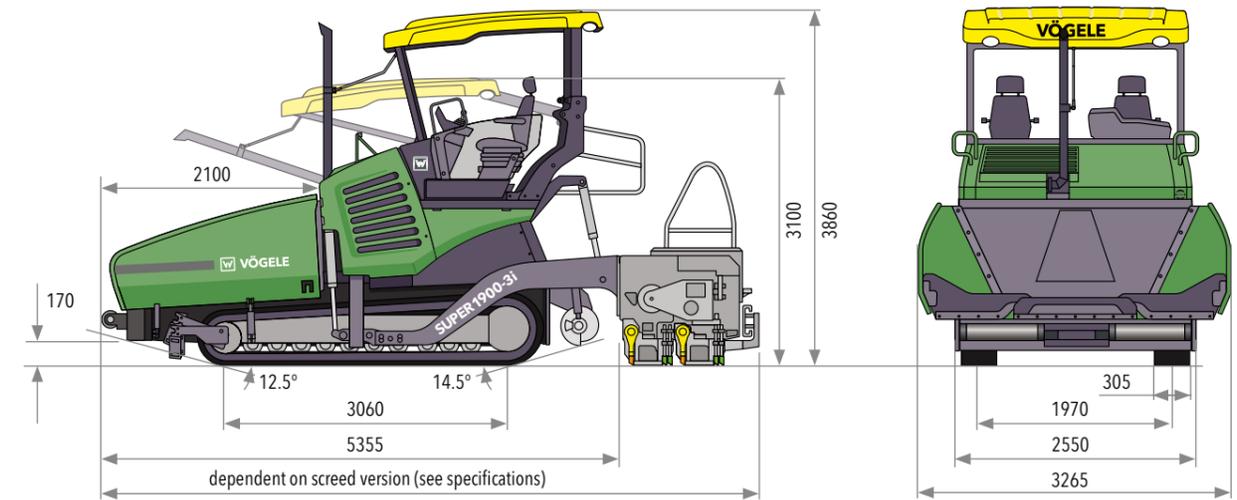
Typical paving tasks are highway and motorway construction, racing circuit projects or surfacing medium to large-scale areas. Featuring high power and the latest in paver technology, this cutting-edge paver meets even most demanding challenges.

- // **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 of the paver on the job site and for storing individual paving programs
- // **PaveDock Assistant** for process safety during transfer of the mix
- // **PaveDock sprung push-rollers** reliably absorb all jolts from the feed vehicle



Subject to technical modification.

Maximum pave width 11m
Maximum laydown rate 900t/h



| Power unit | |
|-----------------------------------|---|
| SUPER 1900-3i | for EU/EFTA countries/USA/Canada/Japan |
| Engine | Cummins |
| Type | QSB6.7-C190 |
| Output | |
| Nominal | 142kW at 2,000rpm (according to DIN) |
| ECO mode | 137kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| Fuel tank | 400 litres |
| SUPER 1900-3 | for all other countries |
| Engine | Cummins |
| Type | QSB6.7-C203 |
| Output | |
| Nominal | 151kW at 2,000rpm (according to DIN) |
| ECO mode | 153kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 400 litres |
| Undercarriage | |
| Crawler tracks | provided with rubber pads |
| Ground contact | 3,060mm x 305mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 25m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |

| Conveyor and augers | |
|-----------------------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 400mm |
| Height | infinitely variable by 15cm, hydraulic |
| Material hopper | |
| Hopper capacity | 14t |
| Width | 3,265mm |
| Screed options | |
| AB 500 | basic width 2.55m infinitely variable range 2.55m to 5m maximum width (TV/TP1/TP2) 8.5m maximum width (TP2 Plus) 7.5m |
| AB 600 | basic width 3m infinitely variable range 3m to 6m maximum width (TV/TP1/TP2) 9.5m maximum width (TP2 Plus) 8.5m |
| SB 250 | basic width 2.5m maximum width (TV/TP1) 11m |
| Screed versions | TV, TP1, TP2, TP2 Plus (AB 500/AB 600), TVP2 (SB 250) |
| Layer thickness | up to 40cm (SB 250) |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Width | 2.55m |
| Length | tractor unit with screed |
| AB 500/AB 600 | TV 6.6m TP1/TP2/TP2 Plus 6.73m |
| SB 250 | TV/TP1/TP2/TVP2 6.5m |
| Weight | tractor unit with screed |
| AB 500 TV | 20.9t |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TPV** = with tamper and vibrators
SCR = Selective Catalytic Reduction **SB** = Fixed-Width Screed **TP1** = with tamper and 1 pressure bar
TP2 = with tamper and 2 pressure bars **TP2 Plus** = with special tamper, 2 pressure bars and additional weights



SUPER 2100-3(i)

The **SUPER 2100-3(i)** is a real workhorse. This paver featuring a highly modern design handles even largest contracts with excellence and ease, let alone its high cost-effectiveness. It can achieve very high laydown rates of up to 1,100t/h.

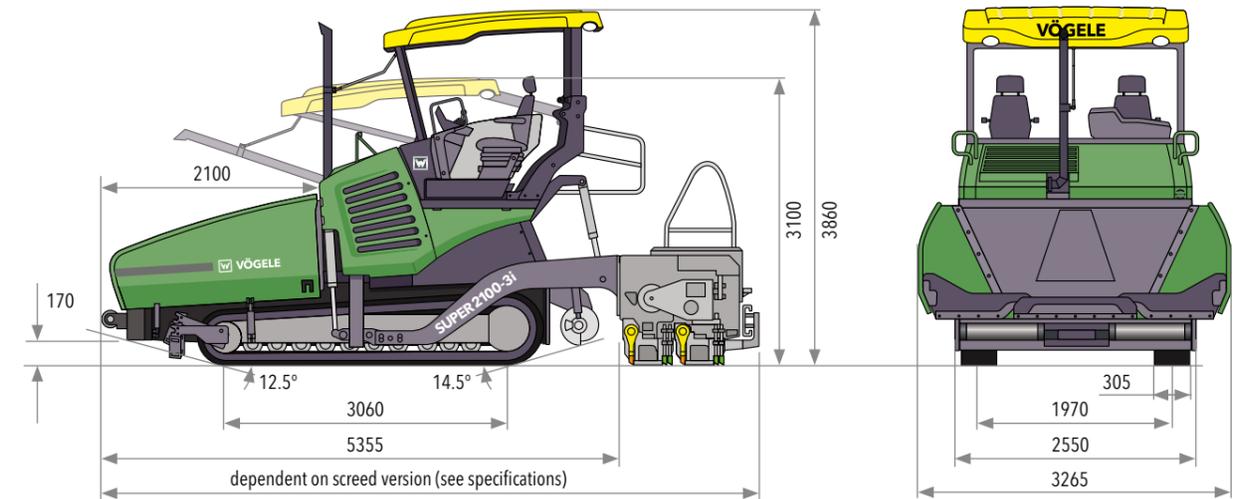
Given a maximum pave width of 13m, the SUPER 2100-3(i) is a large player ideal for motorway construction in full-road width, surfacing large areas or taking up the challenge of airport projects. The maximum layer thickness is 40cm.

- // **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 of the paver on the job site and for storing individual paving programs
- // **PaveDock Assistant** for process safety during transfer of the mix
- // **PaveDock sprung push-rollers** reliably absorb all jolts from the feed vehicle



Subject to technical modification.

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



| Power unit | |
|-----------------------------------|---|
| SUPER 2100-3i | for EU/EFTA countries/USA/Canada/Japan |
| Engine | Cummins |
| Type | QSB6.7-C250 |
| Output | |
| Nominal | 186kW at 2,000rpm (according to DIN) |
| ECO mode | 167kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| Fuel tank | 400 litres |
| SUPER 2100-3 | for all other countries |
| Engine | Cummins |
| Type | QSB6.7-C240 |
| Output | |
| Nominal | 179kW at 2,000rpm (according to DIN) |
| ECO mode | 168kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 400 litres |
| Undercarriage | |
| Crawler tracks | provided with rubber pads |
| Ground contact | 3,060mm x 305mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 25m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |

| Conveyor and augers | |
|-----------------------------------|--|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 480mm |
| Height | infinitely variable by 15cm, hydraulic |
| Material hopper | |
| Hopper capacity | 14t |
| Width | 3,265mm |
| Screed options | |
| AB 500 | basic width 2.55m infinitely variable range 2.55m to 5m maximum width (TV/TP1/TP2) 8.5m |
| AB 600 | basic width 3m infinitely variable range 3m to 6m maximum width (TV/TP1/TP2) 9.5m maximum width (TP2 Plus) 8.5m |
| SB 250 | basic width 2.5m maximum width (TV/TP1) 13m |
| Screed versions | TV, TP1, TP2, TP2 Plus (AB 500/AB 600), TVP2 (SB 250) |
| Layer thickness | up to 40cm (SB 250) |
| Screed heating | electric by heating rods |
| Power supply | three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Width | 2.55m |
| Length | tractor unit with screed |
| AB 500/AB 600 | TV 6.65m TP1/TP2/TP2 Plus 6.8m |
| SB 250 | TV/TP1/TP2/TVP2 6.55m |
| Weight | tractor unit with screed |
| AB 500 TV | 21.9t |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TV** = with tamper and vibrators
SCR = Selective Catalytic Reduction **SB** = Fixed-Width Screed **TP1** = with tamper and 1 pressure bar
TP2 = with tamper and 2 pressure bars **TP2 Plus** = with special tamper, 2 pressure bars and additional weights



SUPER 3000-2

The **SUPER 3000-2** as the flagship of the VÖGELE fleet of pavers makes itself well paid on projects where high pavement quality is required together with a high laydown rate. This large paver is capable of handling any type of road construction material, whether gravel, lean-mixed concrete or asphalt. The SUPER 3000-2 builds pavements true to line and level, with perfect surface accuracy and high density.

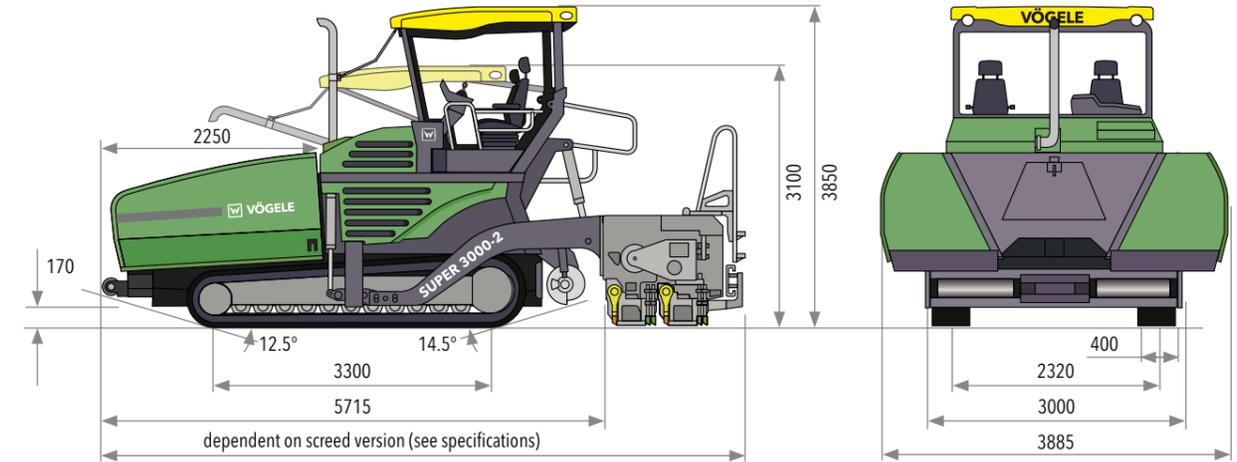
The paver's drive system regulating output by demand ensures optimum co-ordination of paver functions even in continuous operation.

- // **Very high pave speed** of up to 24m/min.
- // **Powerful Deutz engine** rated at 300kW
- // **Heavy-Duty kit** for extending the service life of all components, even when exposed to abrasive materials
- // **Large pave width** of up to 16m for paving work on motorways, without joints
- // **Comes with ErgoPlus**, the system for easy paver operation
- // **Combines** with AB 600 Extending Screed and SB 300 Fixed-Width Screed



Subject to technical modification.

Maximum pave width 16m
Maximum laydown rate 1,600t/h



| Power unit | |
|---------------------|---|
| Engine | Deutz |
| Type | TCD 2015 V06 4V |
| Output | |
| Nominal | 300kW at 1,800rpm (according to DIN) |
| ECO mode | 292kW at 1,500rpm |
| Fuel tank | 600 litres |
| Undercarriage | |
| Crawler tracks | provided with rubber pads |
| Ground contact | 3,300mm x 400mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 24m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |
| Conveyor and augers | |
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 420mm |
| Height | infinitely variable by 20cm, hydraulic |

| Material hopper | |
|-----------------------------------|---|
| Hopper capacity | 17.5t |
| Width | 3,885mm |
| Screed options | |
| AB 600 | basic width 3m infinitely variable range 3m to 6m maximum width (TV/TP1/TP2) 9.5m |
| SB 300 | basic width 3m maximum width (TV) 16m |
| Screed versions | TV, TP1, TP2, TP2 Plus (AB 600), TVP2 (SB 300) |
| Layer thickness | up to 50cm (SB 300) |
| Screed heating | electric by heating rods Power supply three-phase A.C. generator |
| Dimensions (transport) and weight | |
| Width | 3m |
| Length | tractor unit with screed |
| AB 600 | TV 7m TP1/TP2/TP2 Plus 7.1m |
| SB 300 | TV/TP1/TP2/TVP2 6.9m |
| Weight | tractor unit with screed |
| AB 600 TV | 28.7t |

Key: AB = Extending Screed SB = Fixed-Width Screed TV = with tamper and vibrators TP1 = with tamper and 1 pressure bar TP2 = with tamper and 2 pressure bars TVP2 = with tamper, vibrators and 2 pressure bars TP2 Plus = with special tamper, 2 pressure bars and additional weights



SPECIAL CLASS

With that extra special something: the Special Class covers machines designed for special-purpose applications, such as paving thin layers “hot on hot” with a spray paver, or for building compact asphalt pavements using the InLine Pave process. This also includes material feeders for the uninterrupted and contact-free transfer of mix.



SUPER 1800-3(i) SprayJet

The SUPER 1800-3(i) SprayJet is ideally suited to paving thin layers on spray seal or for any kind of conventional paving on tack coat.

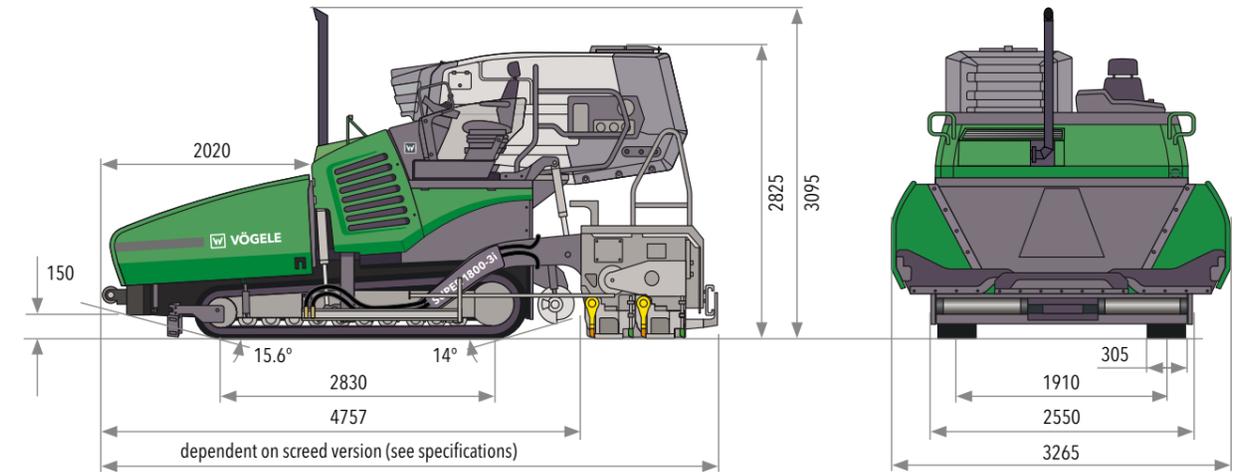
The SprayJet module offers a number of advantages from the technological point of view. The rate of spread is infinitely variable from 0.3kg/m² to 1.6kg/m²*, thus allowing to spray even small quantities of emulsion. A low spraying pressure of no more than 3 bar reduces spray mist and soiling of adjacent areas to a minimum.

- // **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 1.6kg/m²* in a clean and controlled process
- // **Ultramodern ErgoPlus 3 operating concept** for paver and spray module
- // **Automatic functions simplify** the preparation of the spray module, the spraying process and the care of the spray module



Subject to technical modification.
*The rate of spread per square metre must be determined as a function of the emulsion or tack coat to be used. The rate of spread depends on the emulsion or tack coat's consistency and temperature when applied, and on the size of nozzles used for spraying.

Maximum spray width 6m
Maximum laydown rate 700t/h



| Power unit | |
|-----------------------------------|---|
| SUPER 1800-3i SprayJet | for EU/EFTA countries/USA/Canada |
| Engine | Cummins |
| Type | QSB6.7-C164 |
| Output | |
| Nominal | 125kW at 2,000rpm (according to DIN) |
| ECO mode | 121kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| Fuel tank | 300 litres |
| SUPER 1800-3 SprayJet | |
| Engine | for all other countries |
| Engine | Cummins |
| Type | QSB6.7-C170 |
| Output | |
| Nominal | 127kW at 2,000rpm (according to DIN) |
| ECO mode | 116kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 300 litres |
| Undercarriage | |
| Crawler tracks | provided with rubber pads |
| Ground contact | 2,830mm x 305mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 24m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |
| Conveyor and augers | |
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 400mm |
| Height | infinitely variable by 15cm, hydraulic |

| Material hopper | |
|-----------------------------------|--|
| Hopper capacity | 13t |
| Width | 3,265mm |
| Screed options | |
| AB 500 | basic width 2.55m infinitely variable range 2.55m to 5m maximum width (TV/TP1) 8.5m maximum spray width (TV/TP1) 6m |
| AB 600 | basic width 3m infinitely variable range 3m to 6m maximum width (TV/TP1) 9m maximum spray width (TV/TP1) 6m |
| Screed versions | TV, TP1 |
| SprayJet module | |
| Emulsion tank | heated electrically, regulated by thermostat |
| Holding capacity | standard 2,100 litres, with extra tank (option) 7,100 litres insulated against loss of heat |
| Tank shell | insulated against loss of heat |
| Spray bars | 5 segments |
| Width | extending from 2.55m to 6m |
| Distance between nozzles | 250mm |
| Spray nozzles | double-slotted |
| Rate of spread | 0.3kg/m ² to 1.6kg/m ² * |
| Spray cone | 120° |
| Spraying pressure (max) | 3 bar |
| Dimensions (transport) and weight | |
| Width | 2.55m |
| Length | tractor unit with screed 6m |
| Weight | tractor unit with an empty module and screed 22t |

Key: DOC = Diesel Oxidation Catalyst, SCR = Selective Catalytic Reduction, AB = Extending Screed, TV = with tamper and vibrators, TP1 = with tamper and 1 pressure bar



SUPER 2100-3i IP

InLine Pave is the innovative process developed by VÖGELE for building compact asphalt pavements. The heart of the InLine Pave train is the SUPER 2100-3i IP for placing the binder course. It is a modified standard paver with a special transfer module for the surface course material and an AB 600 Extending Screed in the TP2 Plus version. With its special tamper, two pressure bars and extra weights, it achieves extremely high values of density. This screed based on the unique VÖGELE pulsed-flow hydraulics is the technological gem of the InLine Pave technology.

// **Machine for "hot on hot" paving** of compact asphalt pavements

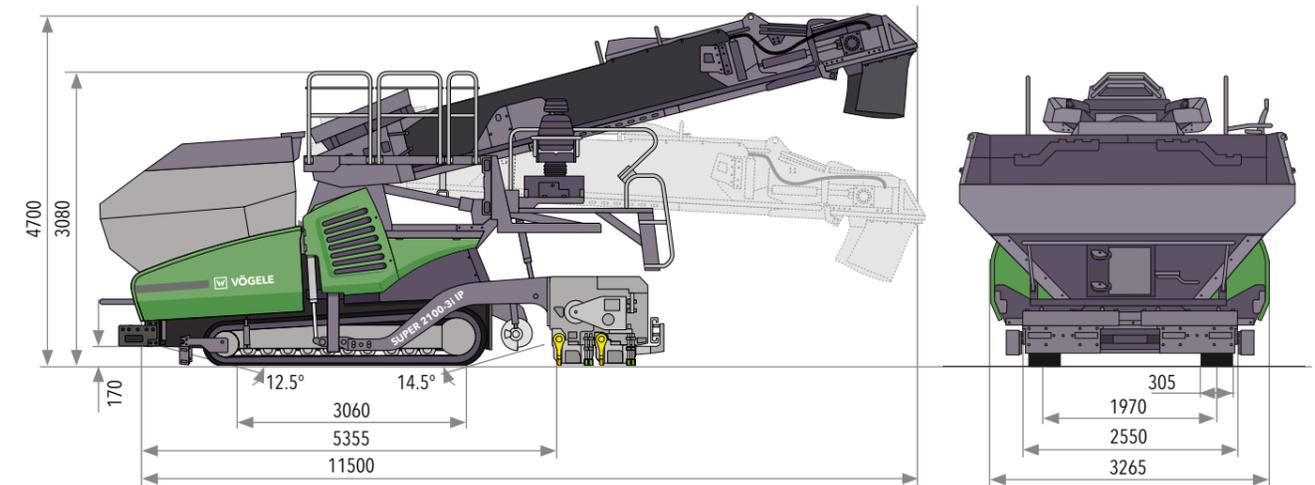
// **Equipped with AB 600 TP2 Plus** High Compaction Screed for extremely high compaction values

// **The paver for placing the surface course** can manoeuvre on the highly compacted binder course without leaving any impressions in the surface

// **ErgoPlus 3 operating concept** with two operator stands for an excellent overview and simple operation



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



| Power unit | |
|-----------------------------------|--|
| SUPER 2100-3i IP | for EU/EFTA countries/USA/Canada/Japan |
| Engine | Cummins |
| Type | QSB6.7-C250 |
| Output | |
| Nominal | 186kW at 2,000rpm (according to DIN) |
| ECO mode | 167kW at 1,700rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| Fuel tank | 400 litres |

| Undercarriage | |
|-----------------------|--|
| Crawler tracks | provided with rubber pads 3,060mm x 305mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Paving | up to 25m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |

| Conveyor and augers | |
|---------------------|---|
| Drive | separate hydraulic drive provided for each conveyor and each auger |
| Conveyor | 2, with replaceable feeder bars, conveyor movement reversible for a short time |
| Augers | 2, with replaceable auger blades, auger rotation reversible |
| Diameter | 480mm |

| Extra material hopper | |
|------------------------|---------|
| Hopper capacity | 20t |
| Width | 3,265mm |

| Screed | |
|------------------------|--|
| AB 600 | basic width 3m infinitely variable range 3m to 6m maximum width 8.5m |
| Screed version | TP2 Plus |
| Layer thickness | up to 30cm |
| Screed heating | screed plates, tamper bar and pressure bar(s) heated electrically by heating rods three-phase A.C. generator |
| Power supply | |

| Transfer module | |
|---------------------------|--|
| Belt conveyor | 1, with hydraulic drive, radiant heaters (propane gas), hydraulic belt tension adjuster |
| Width | 1,100mm |
| Conveying capacity | 1,200t/h* (max) |

| Dimensions (transport) and weight | |
|-----------------------------------|---|
| Width | 3,000mm |
| Length | 12,000mm |
| Height | 3,080mm |
| Weight | tractor unit with transfer module and screed 28.1t (without extra material hopper) |

Key: **DOC** = Diesel Oxidation Catalyst **AB** = Extending Screed **TP2 Plus** = with special tamper, 2 pressure bars and additional weights **IP** = InLine Pave
SCR = Selective Catalytic Reduction

Use of the SUPER 2100-3i IP paver belongs to the field of special applications. Clients interested in this machine are requested to contact the VÖGELE Applications Technology Service.
 *dependent on type of mix



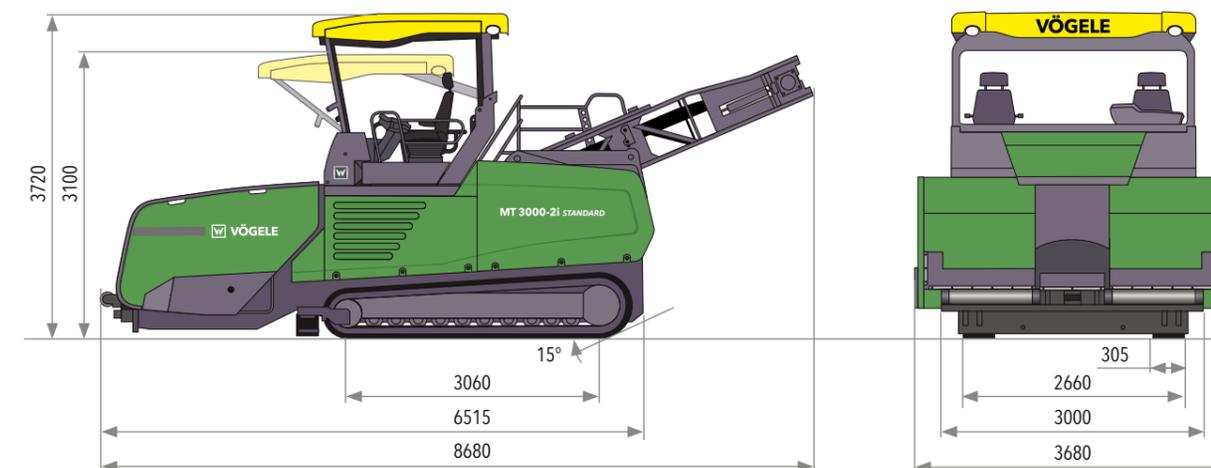
MT 3000-2(i) Standard

These high-performance material feeders are the ideal partners on every modern and well organized large-scale job site. The extremely high mix storage capacity and the innovative, heavy-duty transfer concept allow non-stop and non-contacting feed of the paver with mix. The MT 3000-2(i) Standard is capable of transferring as much as 1,200t of mix per hour. The trough-shaped and extra wide belt conveyor installed in the feeders provides for an accurate flow of mix and a clean job site.

- // **Uninterrupted and non-contacting supply of mix** to pavers, ensuring maximum paving quality
- // **High-performance material conveying concept** and large receiving hopper holding 16.4t, ensuring that even large feed vehicles can be emptied in just 60 seconds
- // **Reliable material transfer** based on automatic distance control and anti-collision protection
- // **ErgoPlus operating system** for excellent all-round view and easy and safe operation



Subject to technical modification.
*dependent on type of mix



| Power unit | |
|-----------------------------------|--|
| MT 3000-2i Standard | for EU/EFTA countries/USA/Canada/Japan |
| Engine | Deutz |
| Type | TCD 6.1 L6 |
| Output | |
| Nominal | 160kW at 2,000rpm (according to DIN) |
| ECO mode | 150kW at 1,800rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, DPF, SCR |
| Fuel tank | 450 litres |

| MT 3000-2 Standard | |
|-----------------------------------|--------------------------------------|
| Engine | for all other countries |
| Type | Deutz |
| | TCD 2012 L06 2V |
| Output | |
| Nominal | 142kW at 2,000rpm (according to DIN) |
| ECO mode | 139kW at 1,800rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 450 litres |

| Undercarriage | |
|-----------------------|---|
| Crawler tracks | provided with rubber pads |
| Ground contact | 3,060 x 305mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Operating | up to 25m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |

| Material conveying systems | |
|---------------------------------|---|
| Transverse augers | 2, installed in the receiving hopper |
| Standard | cylindrical augers |
| Diameter | 400mm |
| Optional | conical augers for homogenization of the material |
| Drive | separate hydraulic drive |
| Speed | 79rpm |
| Belt conveyor | 1, with hydraulic drive |
| Belt width | 1,100mm |
| Conveying capacity (max) | 1,200t/h* |

| Receiving hopper | |
|-------------------------|------------------------------------|
| Holding capacity | 16.4t |
| Width | 3,680mm |
| Feed height | 600mm (bottom of receiving hopper) |
| Push-rollers | oscillating |

| Extra material hopper | |
|-------------------------|--|
| Holding capacity | 20-24t (to be placed into the material hopper of the paver) |

| Dimensions (transport) and weight | |
|-----------------------------------|---------|
| Width | 3,000mm |
| Length | 8,950mm |
| Height | 3,100mm |
| Weight | 19.2t |

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



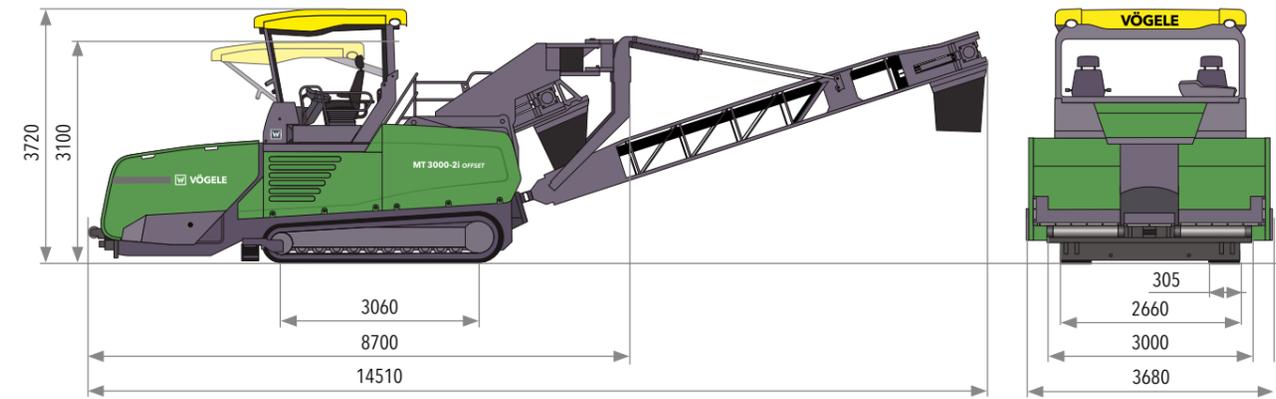
MT 3000-2(i) Offset

The **MT 3000-2(i) Offset** is a cutting-edge feeder providing for a high and consistent flow of mix on different applications. Be it a conventional road building site to be supplied with mix or a trench running alongside the roadway that needs to be backfilled, the MT 3000-2(i) Offset with pivoting conveyor is the ideal solution. An innovative material transfer concept provides for maximum conveying capacity and the ErgoPlus operating system ensures easy and safe operation of the machine.

- // **Maximum paving quality** thanks to uninterrupted and non-contacting material transfer
- // **High-performance material conveying concept** and large receiving hopper, ensuring that even large feed vehicles can be emptied in just 60 seconds
- // **Wide range of applications** thanks to the pivoting and inclining conveyor
- // **Optimum overview and safety** thanks to the convenient and practical ErgoPlus operating system



Subject to technical modification.
*dependent on type of mix



| Power unit | |
|-----------------------------------|--|
| MT 3000-2i Offset | for EU/EFTA countries/USA/Canada/Japan |
| Engine | Deutz |
| Type | TCD 6.1 L6 |
| Output | |
| Nominal | 160kW at 2,000rpm (according to DIN) |
| ECO mode | 150kW at 1,800rpm |
| Exhaust emissions standard | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, DPF, SCR |
| Fuel tank | 450 litres |
| MT 3000-2 Offset | for all other countries |
| Engine | Deutz |
| Type | TCD 2012 L06 2V |
| Output | |
| Nominal | 142kW at 2,000rpm (according to DIN) |
| ECO mode | 139kW at 1,800rpm |
| Exhaust emissions standard | EU Stage 3a, US EPA Tier 3 |
| Fuel tank | 450 litres |

| Undercarriage | |
|-----------------------|---|
| Crawler tracks | provided with rubber pads |
| Ground contact | 3,060 x 305mm |
| Traction drive | separate hydraulic drive and electronic control provided for each crawler track |
| Speeds | |
| Operating | up to 25m/min., infinitely variable |
| Travel | up to 4.5km/h, infinitely variable |

| Material conveying systems | |
|---------------------------------|--|
| Transverse augers | 2, installed in the receiving hopper |
| Standard | cylindrical augers |
| Diameter | 400mm |
| Optional | conical augers for homogenization of the material |
| Drive | separate hydraulic drive |
| Speed | 79rpm |
| Conveyors | 2 continuous rubber conveyor belts |
| Drive | separate hydraulic drive |
| Belt width | 1,100mm |
| Heating | infrared heating panels, diesel-powered |
| Pivoting conveyor | hydraulically pivoting |
| Pivoting angle | 55° to the left or right |
| Reach | 3,500mm (outside edge of feeder to centre of discharge point) |
| Transfer height (max) | 3,900mm |
| Conveying capacity (max) | 1,200t/h* |

| Receiving hopper | |
|-------------------------|------------------------------------|
| Holding capacity | 16.4t |
| Width | 3,680mm |
| Feed height | 600mm (bottom of receiving hopper) |
| Push-rollers | oscillating |

| Extra material hopper | |
|-------------------------|--|
| Holding capacity | 20-24t (to be placed into the material hopper of the paver) |

| Dimensions (transport) and weight | |
|-----------------------------------|----------|
| Width | 3,000mm |
| Length | 14,820mm |
| Height | 3,100mm |
| Weight | 23.8t |

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



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



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