A WIRTGEN GROUP COMPANY

VÖGELE

# RANGE OF PRODUCTS
## 2019


PREMIUM LINE

CLASSIC LINE

www.voegele.info

# 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 newly introduced Classic Line is for pavers equipped with the particularly easy-to-use ErgoBasic operating concept.

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.

# Product Overview

## PREMIUM LINE

### Compact Class

**SUPER 1300-3(i)** tracked paver — Page 20

| | | | |
|---|---|---|---|
| **Maximum pave width** | 5m | **Weight** | 10,800kg |
| **Maximum laydown rate** | 350t/h | **Basic width** | 1.85m |

**SUPER 1303-3(i)** wheeled paver — Page 22

| | | | |
|---|---|---|---|
| **Maximum pave width** | 4.5m | **Weight** | 10,650kg |
| **Maximum laydown rate** | 250t/h | **Basic width** | 1.85m |

### Universal Class

**SUPER 1600-3(i)** tracked paver — Page 30

| | | | |
|---|---|---|---|
| **Maximum pave width** | 7.5m* | **Weight** | 18,350kg |
| **Maximum laydown rate** | 600t/h | **Basic width** | 2.55m |

**SUPER 1603-3(i)** wheeled paver — Page 32

| | | | |
|---|---|---|---|
| **Maximum pave width** | 7m | **Weight** | 17,750kg |
| **Maximum laydown rate** | 600t/h | **Basic width** | 2.55m |

**SUPER 1700-3(i)** tracked paver — Page 34

| | | | |
|---|---|---|---|
| **Maximum pave width** | 5.95m | **Weight** | 18,300kg |
| **Maximum laydown rate** | 700t/h | **Basic width** | 2.59m |

**SUPER 1703-3(i)** wheeled paver — Page 36

| | | | |
|---|---|---|---|
| **Maximum pave width** | 5.95m | **Weight** | 17,300kg |
| **Maximum laydown rate** | 700t/h | **Basic width** | 2.59m |

**SUPER 1800-3(i)** tracked paver — Page 38

| | | | |
|---|---|---|---|
| **Maximum pave width** | 10m | **Weight** | 19,650kg |
| **Maximum laydown rate** | 700t/h | **Basic width** | 2.55m |

**SUPER 1803-3(i)** wheeled paver — Page 40

| | | | |
|---|---|---|---|
| **Maximum pave width** | 8m | **Weight** | 18,300kg |
| **Maximum laydown rate** | 700t/h | **Basic width** | 2.55m |

### Highway Class

**SUPER 1900-3(i)** tracked paver — Page 44

| | | | |
|---|---|---|---|
| **Maximum pave width** | 11m | **Weight** | 21,050kg |
| **Maximum laydown rate** | 900t/h | **Basic width** | 2.55m |

**SUPER 2000-3(i)** tracked paver — Page 46

| | | | |
|---|---|---|---|
| **Maximum pave width** | 8.6m | **Weight** | 22,250kg |
| **Maximum laydown rate** | 1,400t/h | **Basic width** | 3m |

**SUPER 2003-3(i)** wheeled paver — Page 48

| | | | |
|---|---|---|---|
| **Maximum pave width** | 7.75m | **Weight** | 21,250kg |
| **Maximum laydown rate** | 1,400t/h | **Basic width** | 3m |

**SUPER 2100-3(i)** tracked paver — Page 50

| | | | |
|---|---|---|---|
| **Maximum pave width** | 13m | **Weight** | 21,950kg |
| **Maximum laydown rate** | 1,100t/h | **Basic width** | 2.55m |

**SUPER 3000-3(i)** tracked paver — Page 52

| | | | |
|---|---|---|---|
| **Maximum pave width** | 18m | **Weight** | 31,800kg |
| **Maximum laydown rate** | 1,800t/h | **Basic width** | 3m |

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

## PREMIUM LINE

### Special Class

**SUPER 1800-3(i)** SprayJet — Page 56

| | | | |
|---|---|---|---|
| **Maximum width of spread** | 6m | **Weight** | 22,670kg |
| **Maximum laydown rate** | 700t/h | **Basic width** | 2.55m |

**SUPER 2100-3i IP** binder course paver for InLine Pave — Page 58

| | | | |
|---|---|---|---|
| **Maximum pave width** | 8.5m | **Weight** | 29,000kg |
| **Maximum laydown rate** | 1,100t/h | **Basic width** | 2.55m |

### PowerFeeder

**MT 3000-2(i) Standard** PowerFeeder — Page 62

| | | | |
|---|---|---|---|
| **Maximum conveying capacity** | 1,200t/h | **Weight** | 19,600kg |
| | | **Basic width** | 3m |

**MT 3000-2(i) Offset** PowerFeeder — Page 64

| | | | |
|---|---|---|---|
| **Maximum conveying capacity** | 1,200t/h | **Weight** | 24,200kg |
| | | **Basic width** | 3m |

## CLASSIC LINE

### Mini Class

**SUPER 700(i)** tracked paver — Page 10

| | | | |
|---|---|---|---|
| **Maximum pave width** | 3.2m | **Weight** | 6,200kg |
| **Maximum laydown rate** | 250t/h | **Basic width** | 1.2m |

**SUPER 800(i)** tracked paver — Page 12

| | | | |
|---|---|---|---|
| **Maximum pave width** | 3.5m | **Weight** | 6,600kg |
| **Maximum laydown rate** | 300t/h | **Basic width** | 1.2m |

### Compact Class

**SUPER 1000(i)** tracked paver — Page 16

| | | | |
|---|---|---|---|
| **Maximum pave width** | 3.9m | **Weight** | 10,250kg |
| **Maximum laydown rate** | 270t/h | **Basic width** | 1.85m |

**SUPER 1003(i)** wheeled paver — Page 18

| | | | |
|---|---|---|---|
| **Maximum pave width** | 3.9m | **Weight** | 10,000kg |
| **Maximum laydown rate** | 230t/h | **Basic width** | 1.85m |

### Universal Class

**SUPER 1600** tracked paver — Page 26

| | | | |
|---|---|---|---|
| **Maximum pave width** | 6.3m | **Weight** | 17,580kg |
| **Maximum laydown rate** | 600t/h | **Basic width** | 2.55m |

**SUPER 1603** wheeled paver — Page 28

| | | | |
|---|---|---|---|
| **Maximum pave width** | 6.3m | **Weight** | 17,000kg |
| **Maximum laydown rate** | 600t/h | **Basic width** | 2.55m |

# 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.

# 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 manœuvrability, its variable pave width and its performance, the SUPER 700(i) is the ideal paver for constructing small paths, roads and areas.

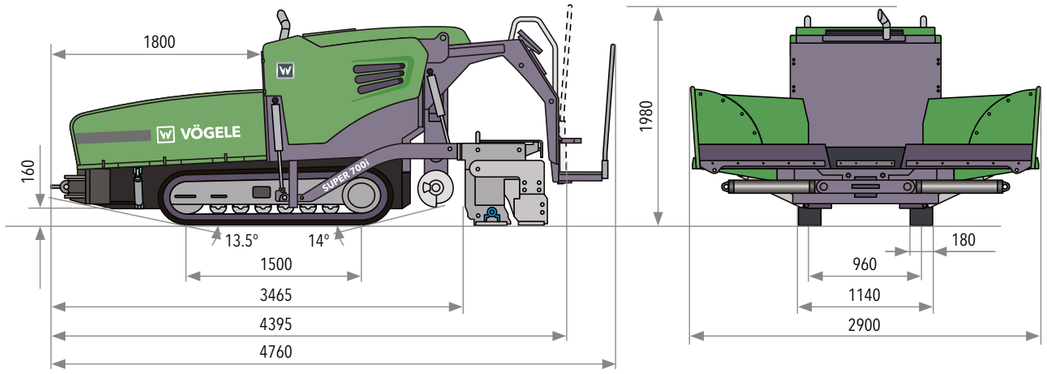
The excellent price/performance ratio of the SUPER 700(i) also makes it the ideal choice for both private and municipal road building contractors.

// **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 220 V Extending Screed with vibrators

Subject to technical changes.

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

Dimensions in mm




| Power unit | |
|---|---|
| **SUPER 700i** | **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 standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC |
| **Fuel tank** | 80 litres |

| | |
|---|---|
| **SUPER 700** | **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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 80 litres |

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

| Conveyors and augers | | |
|---|---|---|
| **Drive** | separate hydraulic drive | |
| **Conveyors** | 1, with replaceable feeder bars, direction of conveyor reversible | |
| **Augers** | 2, auger rotation reversible, mounted overhung | |
| Diameter | 300mm | |
| Auger 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 | 1.2 to 2.2m |
| | maximum width | 3.2m |
| | min. pave width | |
| | with system for pave width reduction | 0.5 to 1.2m |
| | compacting system | V |
| **Layer thickness** | up to 15cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions (transport) and weight | |
|---|---|
| **Width** | 1.4m |
| **Length** | paver with screed |
| AB 220 V | 4.4m |
| **Weight** | paver with screed |
| AB 220 V | 6,200kg |

**Key:** **DOC =** Diesel Oxidation Catalyst **AB =** Extending screed **V =** With vibrators

CLASSIC LINE

# SUPER 800(i)

**With the AB 220 TV Extending Screed, the SUPER 800(i)** achieves excellent precompaction results that are outstanding for a paver in this class.

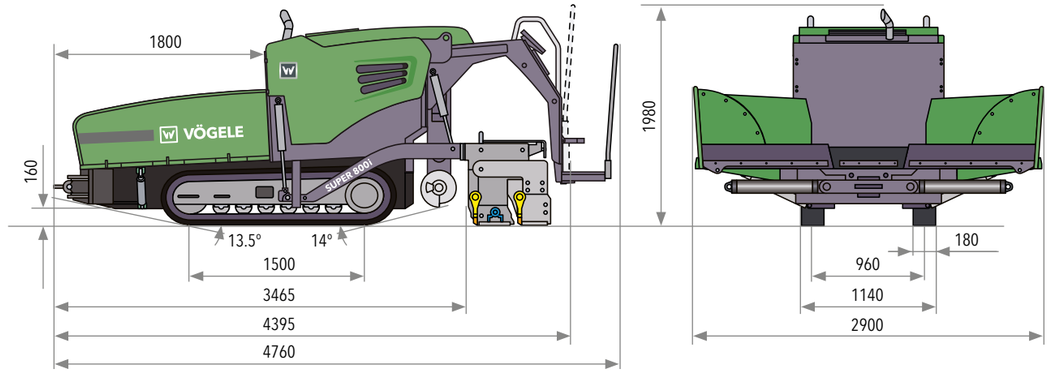
It is the ideal mini paver for a wide range of applications such as the construction and repair of farm tracks, minor roads, footpaths and cycle paths.
The excellent price/performance ratio of the SUPER 800(i) also makes it the ideal choice for many local authority contractors.

// **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 220 TV Extending Screed with tamper and vibrators for high precompaction


Subject to technical changes.

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

Dimensions in mm




| Power unit | |
|---|---|
| **SUPER 800i** | **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 standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC |
| **Fuel tank** | 80 litres |

| | |
|---|---|
| **SUPER 800** | **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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 80 litres |

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

| Conveyors and augers | | |
|---|---|---|
| **Drive** | separate hydraulic drive | |
| **Conveyors** | 1, with replaceable feeder bars, direction of conveyor reversible | |
| **Augers** | 2, auger rotation reversible, mounted overhung | |
| Diameter | 300mm | |
| Auger 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 | 1.2 to 2.2m |
| | maximum width | 3.5m |
| | min. pave width | |
| | with system for pave width reduction | 0.5 to 1.2m |
| | compacting system | TV |
| **Layer thickness** | up to 20cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions (transport) and weight | |
|---|---|
| **Width** | 1.4m |
| **Length** | paver with screed |
| AB 220 TV | 4.4m |
| **Weight** | paver with screed |
| AB 220 TV | 6,600kg |

**Key:** **DOC =** Diesel Oxidation Catalyst **AB =** Extending screed **TV =** With tamper and vibrators

# COMPACT CLASS

**Compact and manœuvrable:** 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.

CLASSIC LINE

# 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.

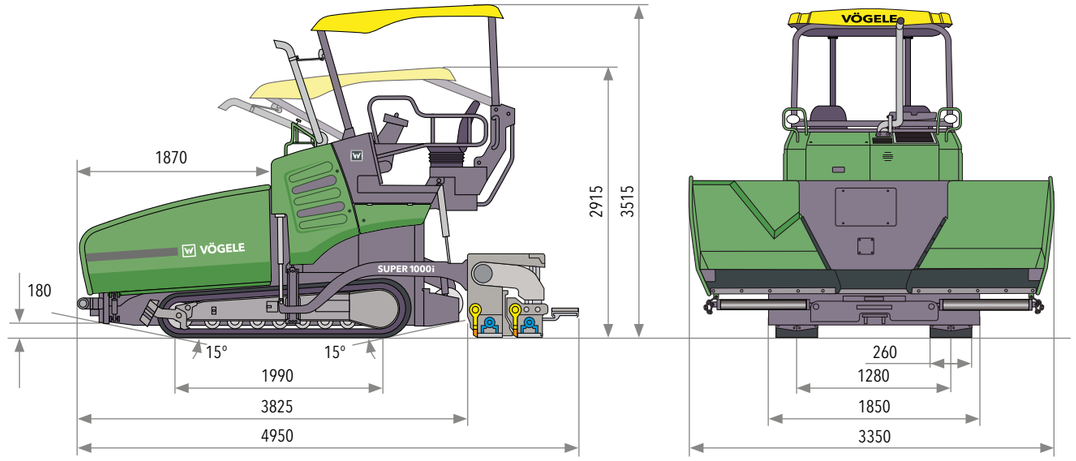
The SUPER 1000(i) can be combined with the AB 340 Extending Screed in the versions with vibrators (V) or with tamper and vibrators (TV).

// **Maximum pave width** 3.9m
// **Laydown rate** 270t/h
// **Transport width** 1.85m
// **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** 3.9m
**Maximum laydown rate** 270t/h

Dimensions in mm




| Power unit | |
|---|---|
| **SUPER 1000i** | **for EU/EFTA countries/USA/Canada** |
| **Engine** | Deutz |
| Type | TCD 3.6 L4 |
| **Output** | |
| Nominal | 55kW at 2,000rpm (according to DIN) |
| ECO mode | 54kW at 1,600rpm |
| **Exhaust emissions standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC |
| **Fuel tank** | 110 litres |

| | |
|---|---|
| **SUPER 1000** | **for all other countries** |
| **Engine** | Deutz |
| Type | TCD 3.6 L4 |
| **Output** | |
| Nominal | 55kW at 2,000rpm (according to DIN) |
| ECO mode | 54kW at 1,600rpm |
| **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 260mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 18m/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 | 300mm |
| Auger 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 | 1.8 to 3.4m |
| | maximum width | 3.9m |
| | min. pave width | |
| | with system for pave width reduction | 0.75m |
| | reduction in width | by cut-off shoes 2 x 52.5cm |
| | compacting systems | V, TV |
| **Layer thickness** | up to 15cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

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

**Key:** **DOC =** Diesel Oxidation Catalyst **AB =** Extending screed **V =** With vibrators **TV =** With tamper and vibrators

CLASSIC LINE

# SUPER 1003(i)

**With compact dimensions** and great manœuvrability, 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.

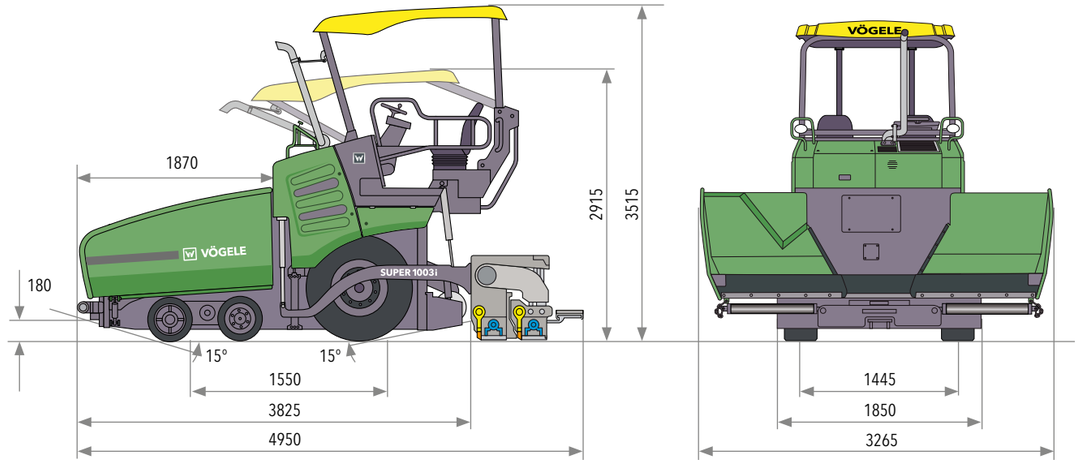
The SUPER 1003(i) can be combined with the AB 340 Extending Screed in the versions with vibrators (V) or with tamper and vibrators (TV).

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

Subject to technical changes.

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

Dimensions in mm




| Power unit | |
|---|---|
| SUPER 1003i | for EU/EFTA countries/USA/Canada |
| **Engine** | Deutz |
| Type | TCD 3.6 L4 |
| **Output** | |
| Nominal | 55kW at 2,000rpm (according to DIN) |
| ECO mode | 54kW at 1,600rpm |
| **Exhaust emissions standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC |
| **Fuel tank** | 105 litres |

| | |
|---|---|
| SUPER 1003 | for all other countries |
| **Engine** | Deutz |
| Type | TCD 3.6 L4 |
| **Output** | |
| Nominal | 55kW at 2,000rpm (according to DIN) |
| ECO mode | 54kW at 1,600rpm |
| **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) |
| Option | 2 rear and 2 front wheels (6x4) |
| **Speeds** | |
| Paving | up to 18m/min., infinitely variable |
| Transport | up to 20km/h, infinitely variable |
| **Outside turning radius** | min. 3.8m (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 | 300mm | |
| Auger 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 | 1.8 to 3.4m |
| | maximum width | 3.9m |
| | min. pave width | |
| | with system for pave width reduction | 0.75m |
| | reduction in width | by cut-off shoes 2 x 52.5cm |
| | compacting systems | V, TV |
| **Layer thickness** | up to 15cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

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

**Key:** **DOC =** Diesel Oxidation Catalyst **AB =** Extending screed **V =** With vibrators **TV =** With tamper and vibrators

PREMIUM LINE


# 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 5m.

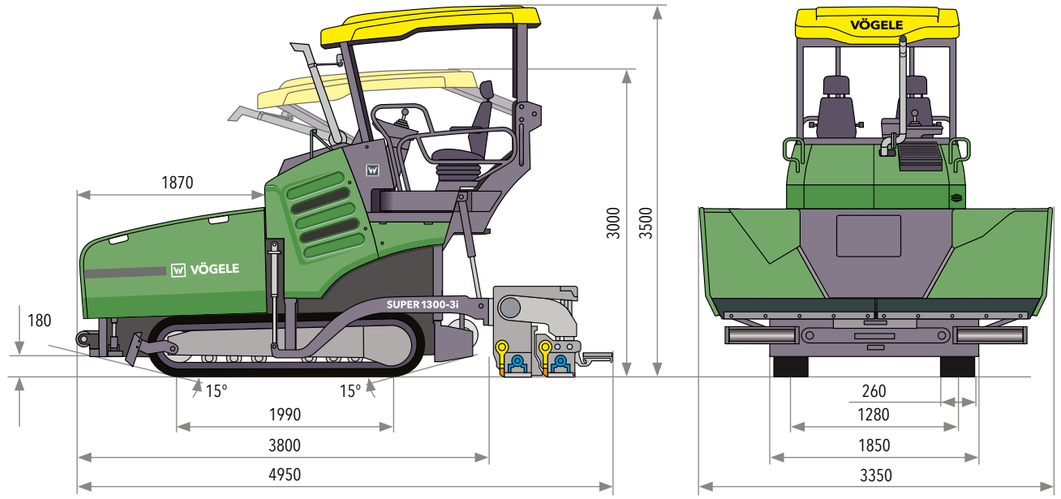
With a range of pave widths extending from 0.75m to 5m, the SUPER 1300-3(i) copes effortlessly with combined foot and cycle paths, farm tracks and minor roads and areas.

// **Advanced and powerful diesel engine** delivering 74.4kW
// **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** 5m
**Maximum laydown rate** 350t/h

Dimensions in mm




| Power unit | |
|---|---|
| SUPER 1300-3i | for EU/EFTA countries/USA/Canada |
| **Engine** | Deutz |
| Type | TCD 3.6 L4 |
| **Output** | |
| Nominal | 74.4kW at 2,000rpm (according to DIN) |
| ECO mode | 68.7kW at 1,600rpm |
| **Exhaust emissions standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| **Fuel tank** | 110 litres |

| | |
|---|---|
| SUPER 1300-3 | 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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 110 litres |

| Undercarriage | |
|---|---|
| **Crawler tracks** | with rubber pads |
| Ground contact | 1,990 x 260mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 30m/min., infinitely variable |
| Transport | up to 4.5km/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 | 300mm | |
| Auger 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 | 1.8 to 3.4m |
| | maximum width (TV) | 5m |
| | min. pave width | |
| | with system for pave width reduction | 0.75m |
| | reduction in width | by cut-off shoes 2 x 52.5cm |
| | compacting systems | V, 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** | paver with screed |
| AB 340 | 4.95m |
| **Weight** | paver with screed |
| AB 340 TV | 10,800kg |

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **AB =** Extending screed **V =** With vibrators **TV =** With tamper and vibrators

PREMIUM LINE


# SUPER 1303-3(i)

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

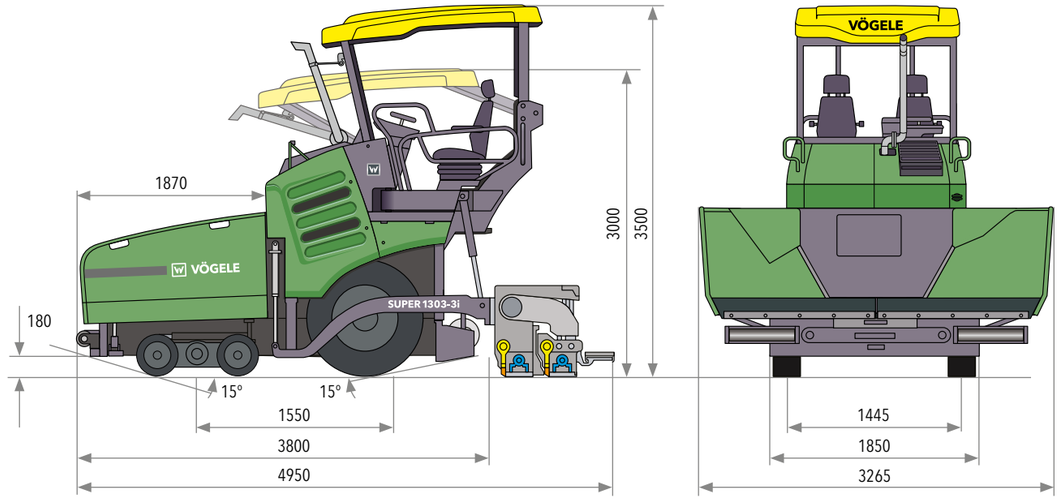
The AB 340 TV Extending Screed can handle pave widths up to 4.5m, which means even mid-sized construction projects can be handled comfortably.

// **Significant reduction in turning radius** to just 3.8m thanks to the Pivot Steer function
// **Advanced and powerful diesel engine** delivering 74.4kW
// **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** 4.5m
**Maximum laydown rate** 250t/h

Dimensions in mm




| 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 1,700rpm |
| **Exhaust emissions standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| **Fuel tank** | 100 litres |

| | |
|---|---|
| SUPER 1303-3 | 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 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 30m/min., infinitely variable |
| Transport | up to 20km/h, infinitely variable |
| **Outside turning radius** | min. 3.8m (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 | 300mm |
| Auger 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 | 1.8 to 3.4m |
| | maximum width (TV) | 4.5m |
| | min. pave width | |
| | with system for pave width reduction | 0.75m |
| | reduction in width | by cut-off shoes 2 x 52.5cm |
| | compacting systems | V, 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** | paver with screed |
| AB 340 | 4.95m |
| **Weight** | paver with screed |
| AB 340 TV | 10,650kg |

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **AB =** Extending screed **V =** With vibrators **TV =** With tamper and vibrators

# 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 5.7m, 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.

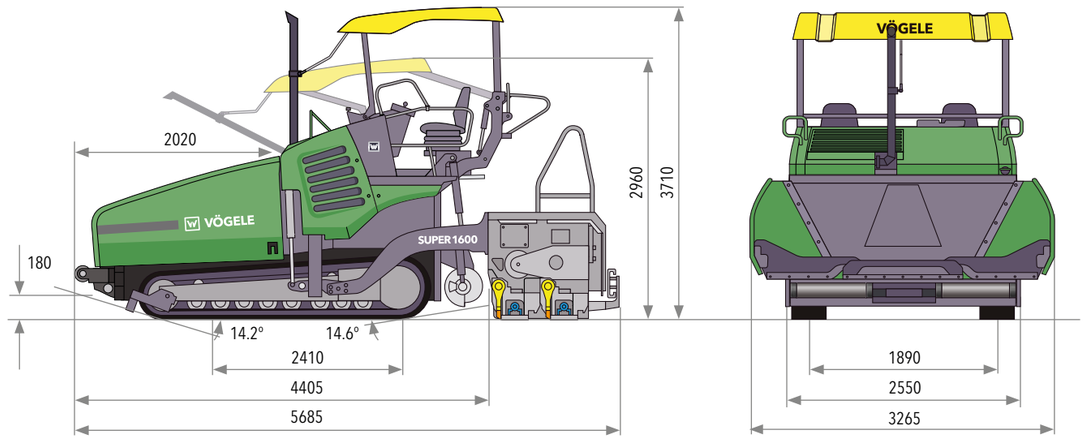
Together with the AB 480 TV Extending Screed, the SUPER 1600 reliably handles all paving jobs up to a pave width of 6.3m, delivering top VÖGELE quality across the board.

// **Compact length** makes transport easy
// **Particularly easy-to-use** ErgoBasic operating concept
// **Advanced and powerful** 4-cylinder diesel engine delivering 116kW
// **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** 6.3m
**Maximum laydown rate** 600t/h

Dimensions in mm




| Power unit | |
|---|---|
| **Engine** | Cummins |
| Type | QSB4.5-C155 |
| **Output** | |
| Nominal | 116kW at 2,000rpm (according to DIN) |
| ECO mode | 106kW at 1,700rpm |
| **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 305mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 24m/min., infinitely variable |
| Transport | up to 4.5km/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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

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

| Screed | | |
|---|---|---|
| **AB 480** | basic width | 2.55 to 4.8m |
| | maximum width | 6.3m |
| | compacting system | 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** | paver with screed |
| AB 480 TV | 5.69m |
| **Weight** | paver with screed |
| AB 480 TV | 17,580kg |

**Key:** **AB =** Extending screed **TV =** With tamper and vibrators

CLASSIC LINE

# SUPER 1603

**The SUPER 1603** has a small outside turning radius of just 3.5m, making it extremely manœuvrable. 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.

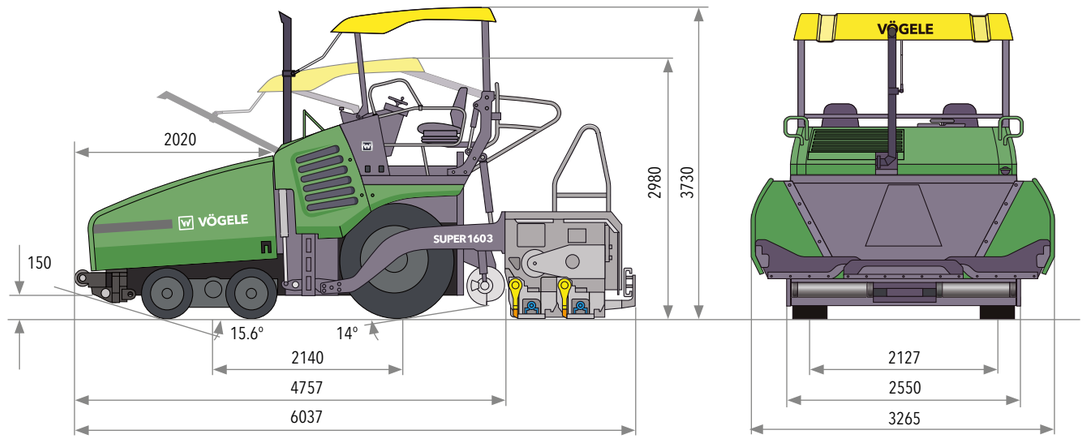
Together with the AB 480 TV Extending Screed, the SUPER 1603 reliably handles all paving jobs up to a pave width of 6.3m.

// **Particularly easy-to-use** ErgoBasic operating concept
// **Advanced and powerful** 4-cylinder diesel engine delivering 116kW
// **Highly manœuvrable thanks to a small outside turning radius** of just 3.5m 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** 6.3m
**Maximum laydown rate** 600t/h

Dimensions in mm




| Power unit | |
|---|---|
| **Engine** | Cummins |
| Type | QSB4.5-C155 |
| **Output** | |
| Nominal | 116kW at 2,000rpm (according to DIN) |
| ECO mode | 106kW at 1,700rpm |
| **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 18m/min., infinitely variable |
| Transport | up to 20km/h, infinitely variable |
| **Outside turning radius** | min. 3.5m (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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

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

| Screed | | |
|---|---|---|
| **AB 480** | basic width | 2.55 to 4.8m |
| | maximum width | 6.3m |
| | compacting system | 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** | paver with screed |
| AB 480 TV | 6.04m |
| **Weight** | paver with screed |
| AB 480 TV | 17,000kg |

**Key:** **AB =** Extending screed **TV =** With tamper and vibrators

PREMIUM LINE


# SUPER 1600-3(i)

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

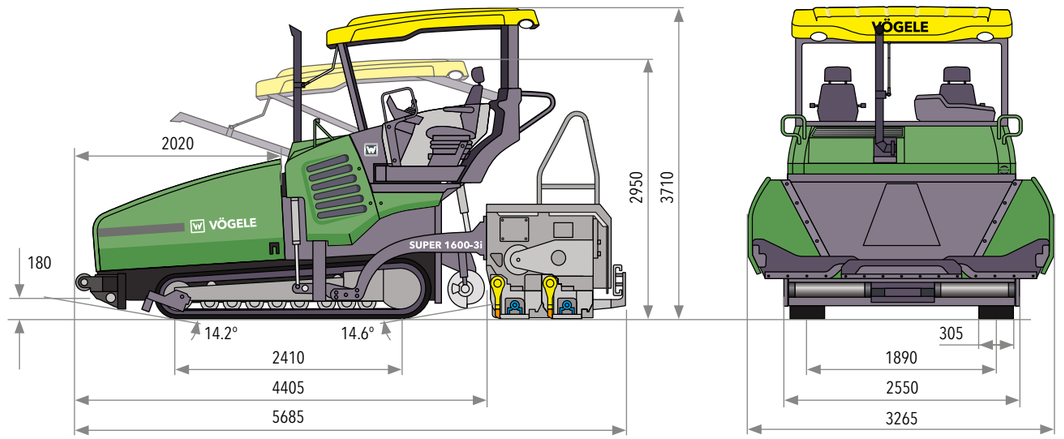
ErgoPlus 3 demonstrates just how effectively advanced technology can be controlled. The paver can be operated safely and simply with the ergonomic VÖGELE operating concept.

// **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.
*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

Dimensions in mm




| 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 standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| **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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 220 litres |

| Undercarriage | |
|---|---|
| **Crawler tracks** | with rubber pads |
| Ground contact | 2,410 x 305mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 24m/min., infinitely variable |
| Transport | up to 4.5km/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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

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

| Screeds | | |
|---|---|---|
| **AB 500** | basic width | 2.55 to 5m |
| | maximum width | 7.5m* |
| | compacting system | TV |
| **AB 600** | basic width | 3 to 6m |
| | maximum width | 7.5m* |
| | compacting system | TV |
| **Layer thickness** | up to 30cm | |
| Screed heating | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions and weight | |
|---|---|
| **Width** | 2.55m |
| **Length** | paver with screed |
| AB 500/600 TV | 5.69m |
| **Weight** | paver with screed |
| AB 500 TV | 18,350kg |

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

PREMIUM LINE


# 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 manœuvrability, making it suitable for a wide variety of applications.

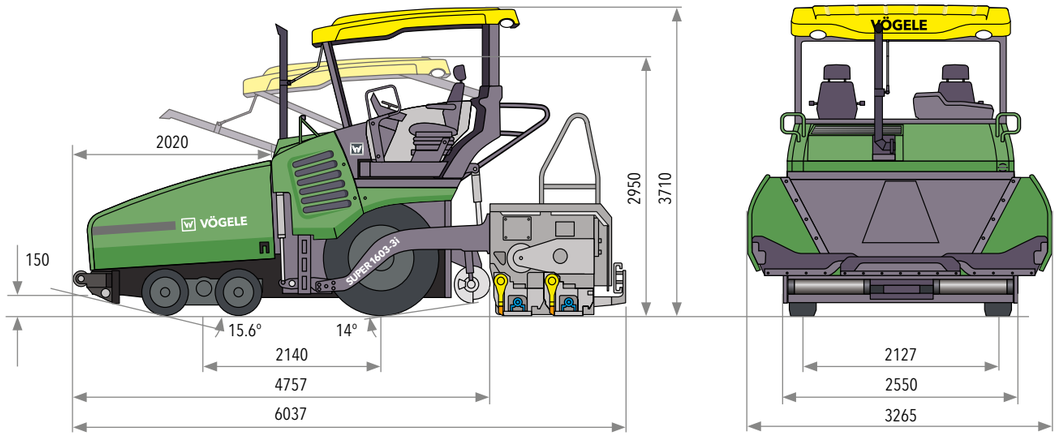
The VÖGELE ErgoPlus 3 operating concept makes using the paver even safer and easier.

// **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
// **Significant reduction in outside turning radius** to just 3.5m 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** 7m
**Maximum laydown rate** 600t/h

Dimensions in mm




| 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 standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| **Fuel tank** | 215 litres |

| | |
|---|---|
| SUPER 1603-3 | 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 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)<br>2 rear and 4 front wheels (6x6) |
| **Speeds** | |
| Paving | up to 18m/min., infinitely variable |
| Transport | up to 20km/h, infinitely variable |
| **Outside turning radius** | min. 3.5m 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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

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

| Screed | | |
|---|---|---|
| **AB 500** | basic width | 2.55 to 5m |
| | maximum width | 7m |
| | compacting system | TV |
| **Layer thickness** | up to 30cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions and weight | |
|---|---|
| **Width** | 2.55m |
| **Length** | paver with screed |
| AB 500 TV | 6m |
| **Weight** | paver with screed |
| AB 500 TV | 17,750kg |

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

PREMIUM LINE

# 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.

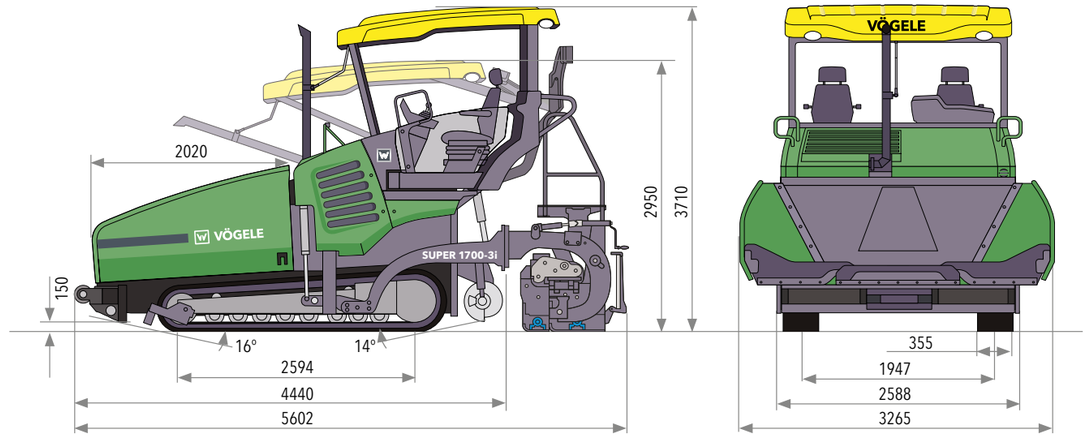
ErgoPlus 3 demonstrates just how effectively advanced technology can be controlled. The paver can be operated safely and simply with the ergonomic VÖGELE operating concept.

// **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 76m/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** 5.95m
**Maximum laydown rate** 700t/h

Dimensions in mm




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

| | |
|---|---|
| **SUPER 1700-3** | **for Australia and New Zealand** |
| **Engine** | Cummins |
| Type | QSB4.5-C155 |
| **Output** | |
| Nominal | 116kW at 2,000rpm (according to DIN) |
| ECO mode | 106kW at 1,700rpm |
| **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 355mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 76m/min., infinitely variable |
| Transport | up to 12km/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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

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

| Screed | | |
|---|---|---|
| **VF 500** | basic width | 2.45m to 4.75m |
| | maximum width | 5.95m |
| | compacting system | V |
| **Layer thickness** | up to 30cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

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

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **VF =** Screed with front-mounted extensions **V =** With vibrators

PREMIUM LINE


# 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.

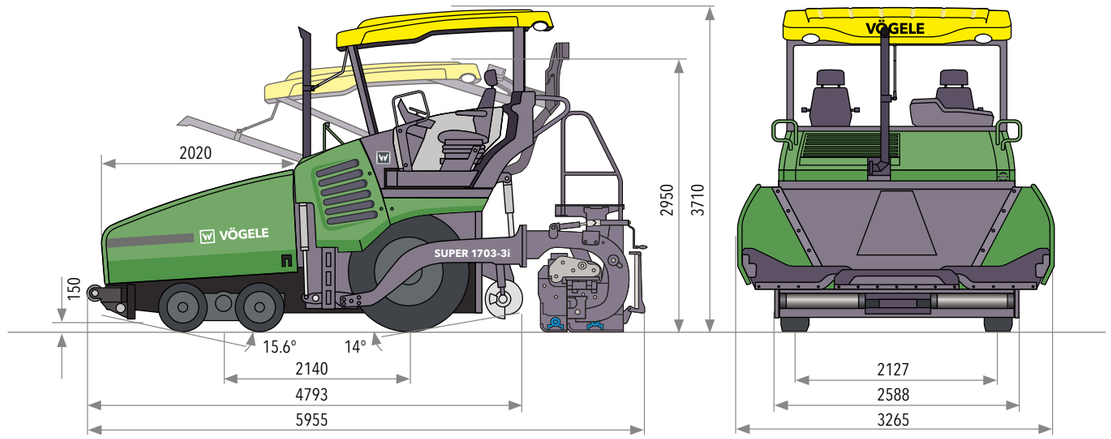
The SUPER 1703-3(i) wheeled paver is available in two drive versions (6x4 and 6x6). The ErgoPlus 3 operating concept ensures ease of operation and all-round visibility.

// **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
// **High pave speeds** of up to 76m/min.
// **Significant reduction in outside turning radius** to just 3.5m 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** 5.95m
**Maximum laydown rate** 700t/h

Dimensions in mm




| Power unit | |
|---|---|
| SUPER 1703-3i | for USA and Canada |
| **Engine** | Cummins |
| Type | QSB4.5-C173 |
| **Output** | |
| Nominal | 129kW at 2,000rpm (according to DIN) |
| ECO mode | 119kW at 1,700rpm |
| **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 | 116kW at 2,000rpm (according to DIN) |
| ECO mode | 106kW at 1,700rpm |
| **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 76m/min., infinitely variable |
| Transport | up to 20km/h, infinitely variable |
| **Outside turning radius** | min. 3.5m 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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

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

| Screed | | |
|---|---|---|
| **VF 500** | basic width | 2.45m to 4.75m |
| | maximum width | 5.95m |
| | compacting system | V |
| **Layer thickness** | up to 30cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

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

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **VF =** Screed with front-mounted extensions **V =** With vibrators

PREMIUM LINE

# 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 10m and a machine length of just 6m, the VÖGELE paver handles motorway projects just as well as tight roundabouts.

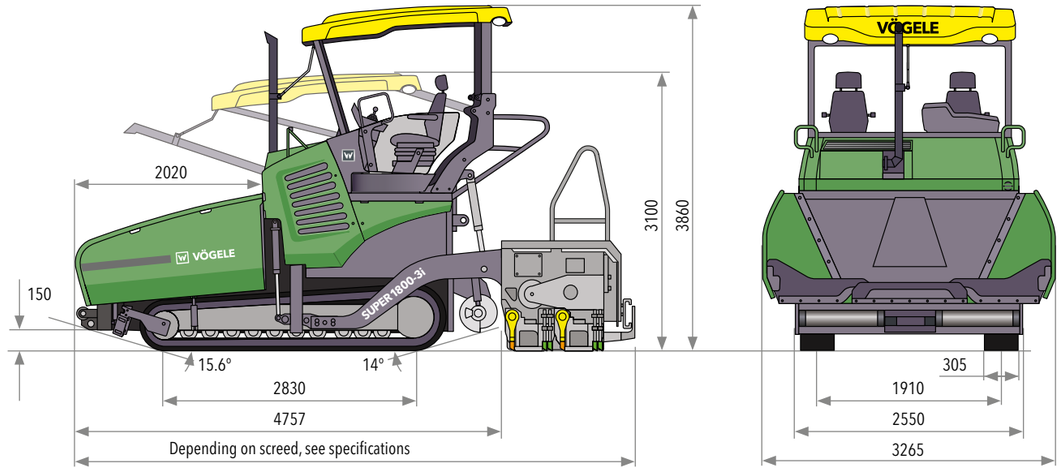
The innovative, easy-to-understand ErgoPlus 3 operating concept creates a work environment with all the ergonomic and practical advantages a machine operator could possibly want.

// **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** 10m
**Maximum laydown rate** 700t/h

Dimensions in mm




| 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 standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| **Fuel tank** | 300 litres |
| **SUPER 1800-3** | **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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 300 litres |

| Undercarriage | |
|---|---|
| **Crawler tracks** | with rubber pads |
| Ground contact | 2,830 x 305mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 24m/min., infinitely variable |
| Transport | up to 4.5km/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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

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

| Screeds | | |
|---|---|---|
| **AB 500** | basic width | 2.55 to 5m |
| | maximum width (TV/TP1) | 8.5m |
| | compacting systems | TV, TP1, TP2, TP2 Plus |
| **AB 600** | basic width | 3 to 6m |
| | maximum width (TV/TP1) | 9m |
| | compacting systems | TV, TP1, TP2, TP2 Plus |
| **SB 250** | basic width | 2.5m |
| | maximum width (TV/TP1) | 10m |
| | compacting systems | TV, TP1, TP2 |
| **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** | paver with screed |
| AB 500/600 | TV 6m |
| | TP1/TP2/TP2 Plus 6.1m |
| SB 250 | TV/TP1/TP2 6m |
| **Weight** | paver with screed |
| AB 500 TV | 19,650kg |

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **AB =** Extending screed **SB =** Fixed-width screed **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

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 8m and the excellent manœuvrability and ease of transport of a wheeled paver.

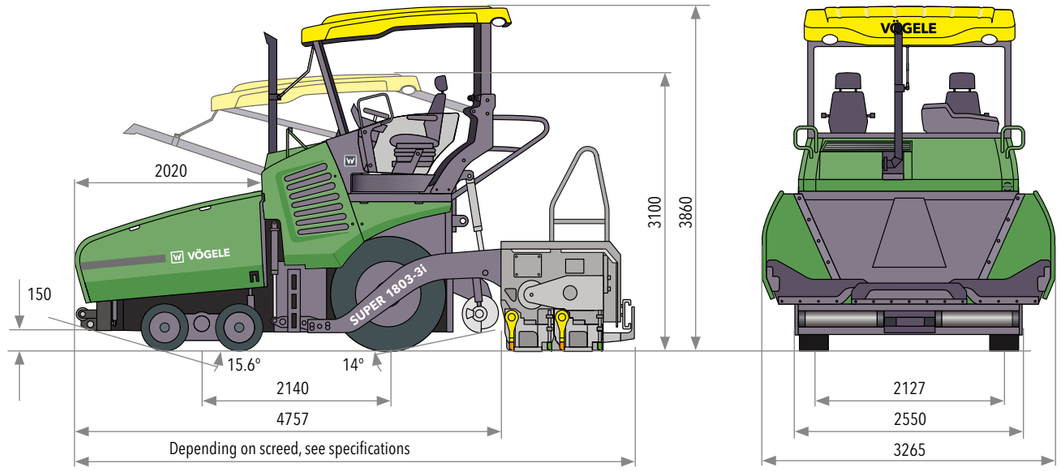
Its statically defined undercarriage ensures constant ground contact of its powered wheels. The available drive versions are 6x4 and 6x6. The ErgoPlus 3 operating concept makes operation of the machine particularly easy.

// **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 radius** to just 3.5m thanks to the Pivot Steer function
// **PaveDock Assistant** improves process reliability during transfer of the mix

Subject to technical changes.

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

Dimensions in mm




| 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 standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| **Fuel tank** | 220 litres |

| | |
|---|---|
| **SUPER 1803-3** | **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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 220 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 18m/min., infinitely variable |
| Transport | up to 20km/h, infinitely variable |
| **Outside turning radius** | min. 3.5m 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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

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

| Screeds | | |
|---|---|---|
| **AB 500** | basic width | 2.55 to 5m |
| | maximum width (TV/TP1) | 8m |
| | compacting systems | TV, TP1 |
| **AB 600** | basic width | 3 to 6m |
| | maximum width (TV) | 8m |
| | compacting system | TV |
| **Layer thickness** | up to 30cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

| Dimensions (transport) and weight | |
|---|---|
| **Width** | 2.55 m |
| **Length** | paver with screed |
| AB 500/600 | TV 6m |
| AB 500 | TP1 6.1m |
| **Weight** | paver with screed |
| AB 500 TV | 18,300kg |

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **AB =** Extending screed **TV =** With tamper and vibrators **TP1 =** With tamper and one pressure bar

# 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.

PREMIUM LINE

# 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 11m.

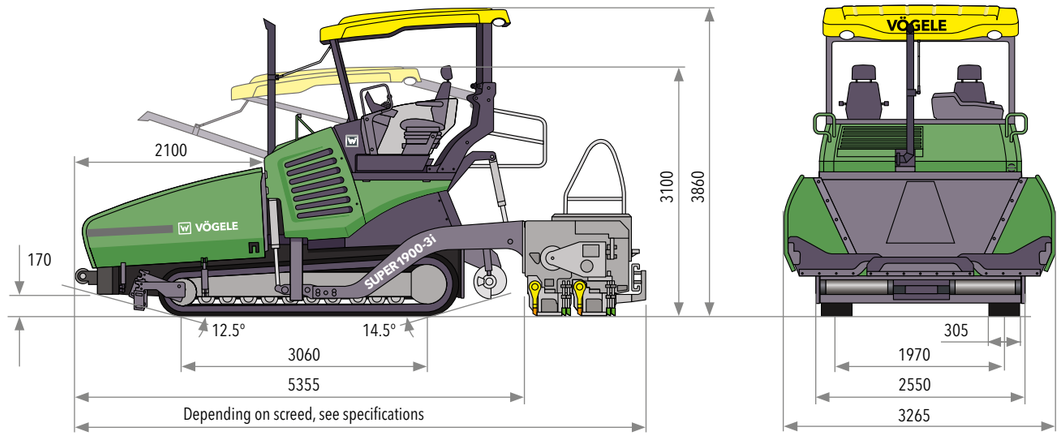
Typical paving tasks of the SUPER 1900-3(i) include highway and motorway construction, race track projects or surfacing medium to large-scale areas. With tremendous power and the latest technology, these advanced road pavers are a match for even the toughest of challenges.

// **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** 11m
**Maximum laydown rate** 900t/h

Dimensions in mm




| 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 standards** | 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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 400 litres |

| Undercarriage | |
|---|---|
| **Crawler tracks** | with rubber pads |
| Ground contact | 3,060 x 305mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 25m/min., infinitely variable |
| Transport | up to 4.5km/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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

| Material hopper | |
|---|---|
| **Hopper capacity** | 14t |
| **Width** | 3,265mm |

| Screeds | | |
|---|---|---|
| **AB 500** | basic width | 2.55 to 5m |
| | maximum width (TV/TP1/TP2) | 8.5m |
| | maximum width (TP2 Plus) | 7.5m |
| | compacting systems | TV, TP1, TP2, TP2 Plus |
| **AB 600** | basic width | 3 to 6m |
| | maximum width (TV/TP1/TP2) | 9.5m |
| | maximum width (TP2 Plus) | 8.5m |
| | compacting systems | TV, TP1, TP2, TP2 Plus |
| **SB 250/300** | basic width | 2.5m |
| | maximum width (TV/TP1) | 11m |
| | compacting systems | TV, TP1, TP2 |
| **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** | paver with screed | |
| AB 500/600 | TV | 6.6m |
| | TP1/TP2/TP2 Plus | 6.73m |
| SB 250/300 | TV/TP1/TP2 | 6.5m |
| **Weight** | paver with screed | |
| AB 500 TV | 21,050kg | |

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **AB =** Extending screed **SB =** Fixed-width screed **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

PREMIUM LINE

# 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.

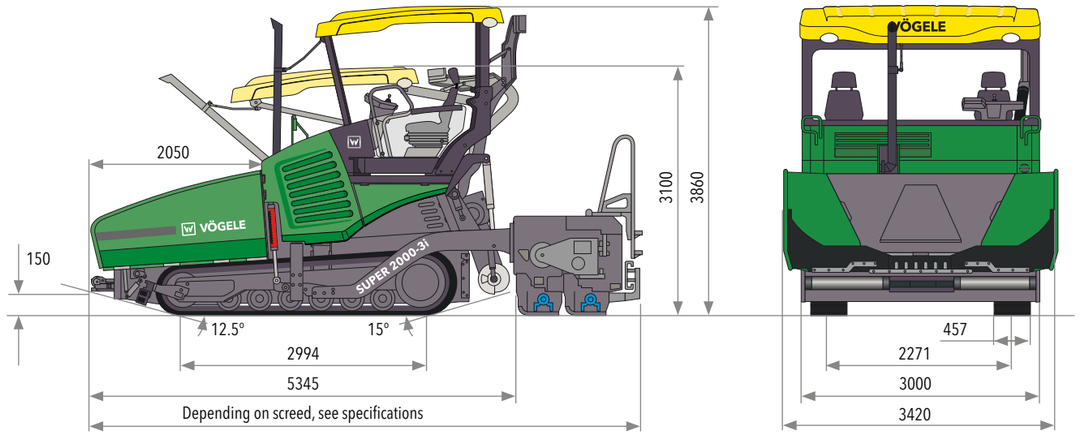
The tracked paver in the 10-foot class was primarily designed for long-distance roads and large-scale projects where performance and productivity are key.

// **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** 8.6m
**Maximum laydown rate** 1,400t/h

Dimensions in mm




| Power unit | |
|---|---|
| SUPER 2000-3i | for USA and Canada |
| **Engine** | Cummins |
| Type | QSB6.7-C250 |
| **Output** | |
| Nominal | 186kW at 2,000rpm (according to DIN) |
| ECO mode | 175kW at 1,700rpm |
| **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 | 179kW at 2,000rpm (according to DIN) |
| ECO mode | 168kW at 1,700rpm |
| **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 457mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 76m/min., infinitely variable |
| Transport | up to 12km/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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

| Material hopper | |
|---|---|
| **Hopper capacity** | 15t |
| **Width** | 3,420mm |

| Screeds | | |
|---|---|---|
| **VF 600** | basic width | 3.05 to 5.95m |
| | maximum width (V) | 7.75m |
| | compacting system | V |
| **VR 600** | basic width | 3.05 to 6m |
| | maximum width (V) | 8.6m |
| | compacting system | V |
| **AB 600** | basic width | 3 to 6m |
| | maximum width (TV) | 8.5m |
| | compacting system | TV |
| **Layer thickness** | up to 30cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

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

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **VF =** Screed with front-mounted extensions **VR =** Screed with rear-mounted extensions **V =** With vibrators **TV =** With tamper and vibrators

PREMIUM LINE


# 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.

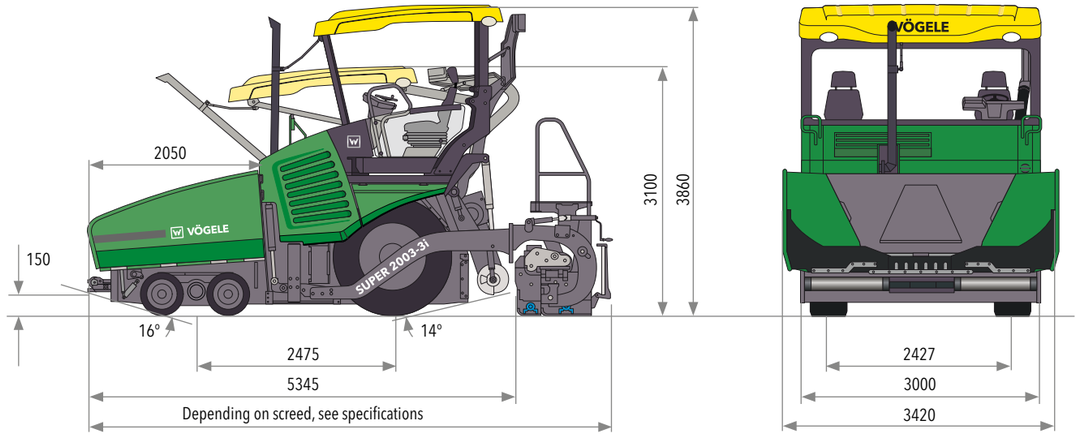
The road paver in the 10-foot class was primarily designed for long-distance roads and large-scale projects where performance and productivity are key.

// **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** 7.75m
**Maximum laydown rate** 1,400t/h

Dimensions in mm




| Power unit | |
|---|---|
| **SUPER 2003-3i** | **for USA and Canada** |
| **Engine** | Cummins |
| Type | QSB6.7-C250 |
| **Output** | |
| Nominal | 186kW at 2,000rpm (according to DIN) |
| ECO mode | 175kW at 1,700rpm |
| **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** | Cummins |
| Type | QSB6.7-C240 |
| **Output** | |
| Nominal | 179kW at 2,000rpm (according to DIN) |
| ECO mode | 168kW at 1,700rpm |
| **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)<br>2 rear and 4 front wheels (6x6) |
| **Speeds** | |
| Paving | up to 76m/min., infinitely variable |
| Transport | up to 20km/h, infinitely variable |
| **Outside turning radius** | min. 5.6m 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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

| Material hopper | |
|---|---|
| **Hopper capacity** | 15t |
| **Width** | 3,420mm |

| Screeds | | |
|---|---|---|
| **VF 600** | basic width | 3.05 to 5.95m |
| | maximum width (V) | 7.75m |
| | compacting system | V |
| **VR 600** | basic width | 3.05 to 6m |
| | maximum width (V) | 7.3m |
| | compacting system | V |
| **AB 600** | basic width | 3 to 6m |
| | maximum width (TV) | 7.5m |
| | compacting system | TV |
| **Layer thickness** | up to 30 cm | |
| **Screed heating** | electric by heating rods | |
| Power supply | three-phase A.C. generator | |

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

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **VF =** Screed with front-mounted extensions **VR =** Screed with rear-mounted extensions **V =** With vibrators **TV =** With tamper and vibrators

PREMIUM LINE


# 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 1,100t per hour.

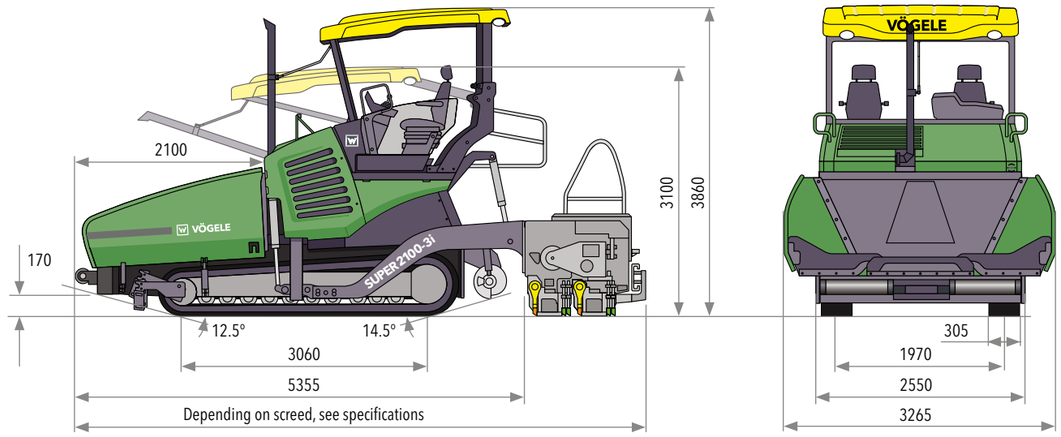
Given a maximum pave width of 13m, it is the ideal large paver for the jointless construction of motorways, airfields or large traffic areas. Layer thicknesses of up to 40cm are possible.

// **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** 13m
**Maximum laydown rate** 1,100t/h

Dimensions in mm




| 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 standards** | 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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 400 litres |

| Undercarriage | |
|---|---|
| **Crawler tracks** | with rubber pads |
| Ground contact | 3,060 x 305mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 25m/min., infinitely variable |
| Transport | up to 4.5km/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 | 480mm |
| Auger height | infinitely variable hydraulically up to 15cm |

| Material hopper | |
|---|---|
| **Hopper capacity** | 14t |
| **Width** | 3,265mm |

| Screeds | | |
|---|---|---|
| **AB 500** | basic width | 2.55 to 5m |
| | maximum width (TV/TP1/TP2) | 8.5m |
| | maximum width (TP2 Plus) | 7.5m |
| | compacting systems | TV, TP1, TP2, TP2 Plus |
| **AB 600** | basic width | 3 to 6m |
| | maximum width (TV/TP1/TP2) | 9.5m |
| | maximum width (TP2 Plus) | 8.5m |
| | compacting systems | TV, TP1, TP2, TP2 Plus |
| **SB 250/300** | basic width | 2.5m |
| | maximum width (TV/TP1) | 13m |
| | compacting systems | TV, TP1, TP2 |
| **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** | paver with screed | |
| AB 500/600 | TV | 6.65m |
| | TP1/TP2/TP2 Plus | 6.8m |
| SB 250/300 | TV/TP1/TP2 | 6.55m |
| **Weight** | paver with screed | |
| AB 500 TV | 21,950kg | |

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **AB =** Extending screed **SB =** Fixed-width screed **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

PREMIUM LINE


# 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 18m, 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.

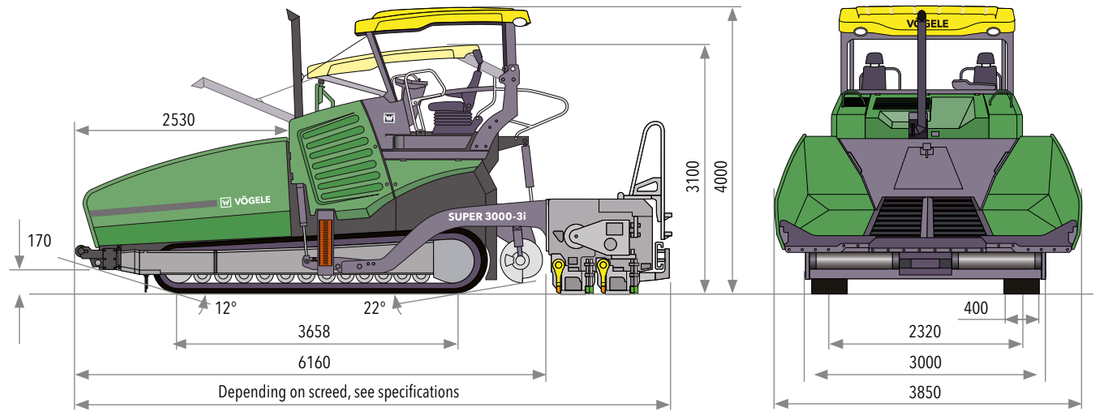
// **Maximum pave width** 18m
// **Laydown rate** up to 1,800t/h
// **Powerful and economical** 6-cylinder diesel engine delivering 354kW
// **VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
// **Innovative material handling system** ensures optimum transfer of the mix, even at layer thicknesses of up to 50cm
// **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** 18m
**Maximum laydown rate** 1,800t/h

Dimensions in mm




| Power unit | |
|---|---|
| SUPER 3000-3i | for EU/EFTA countries/USA/Canada/Japan |
| **Engine** | Cummins |
| Type | X12-C475 |
| **Output** | |
| Nominal | 354kW at 1,800rpm (DIN) |
| ECO mode | 350kW at 1,600rpm |
| **Exhaust emissions standard** | 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 | 354kW at 1,800rpm (DIN) |
| ECO mode | 350kW at 1,600rpm |
| **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 400mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 24m/min., infinitely variable |
| Transport | up to 4km/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** | 340/420/480mm |
| **Auger height** | infinitely variable hydraulically up to 27.5cm |

| Material hopper | |
|---|---|
| **Hopper capacity** | 18.5t |
| **Width** | 3,850mm |

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

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

**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

# 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.

PREMIUM LINE


# 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 1.6kg/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 1.6kg/m²* in a clean and controlled process

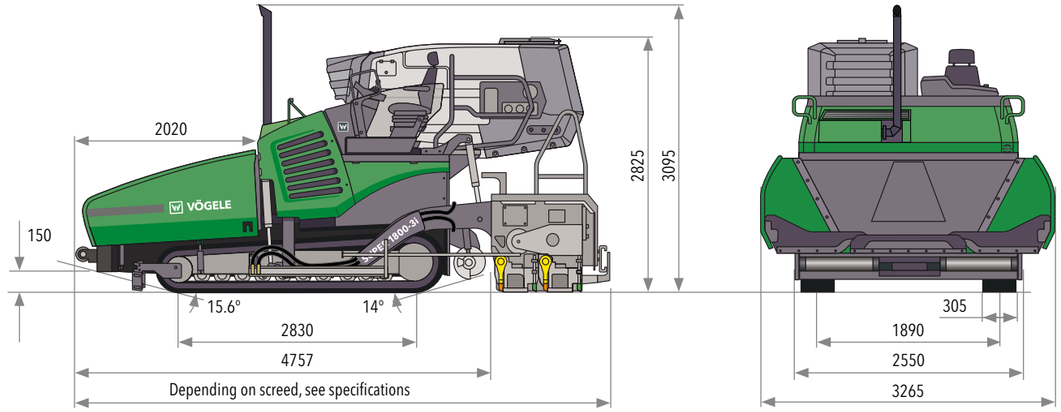
// **Advanced ErgoPlus 3 operating concept** for paver and spray module

// **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** 6m
**Maximum laydown rate** 700t/h

Dimensions in mm




| 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 standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| **Fuel tank** | 300 litres |

| | |
|---|---|
| SUPER 1800-3 SprayJet | 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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 300 litres |

| Undercarriage | |
|---|---|
| **Crawler tracks** | with rubber pads |
| Ground contact | 2,830 x 305mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 24m/min., infinitely variable |
| Transport | up to 4.5km/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 | 400mm |
| Auger height | infinitely variable hydraulically up to 15cm |

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

| Screeds | | |
|---|---|---|
| **AB 500** | basic width | 2.55 to 5m |
| | maximum pave width (TV/TP1) | 8.5m |
| | maximum width of spread (TV/TP1) | 6m |
| | compacting systems | TV, TP1 |
| **AB 600** | basic width | 3 to 6m |
| | maximum pave width (TV/TP1) | 9m |
| | maximum width of spread (TV/TP1) | 6m |
| | 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 |
| Emulsion tank | insulated |
| **Spray bar** | 5 segments |
| Width of spread | 2.55m to 6m |
| Nozzle spacing | 250mm |
| Spray nozzles | double slotted |
| Rate of spread | 0.3 to 1.6kg/m²* |
| Spray cone | 120° |
| Spray pressure | max. 3 bar |

| Dimensions (transport) and weight | |
|---|---|
| **Width** | 2.55m |
| **Length** | paver with screed |
| AB 500/600 TV/TP1 | 6m |
| **Weight** | paver with empty module and screed |
| AB 600 TV | 22,670kg |

**Key:** **DOC =** Diesel Oxidation Catalyst **SCR =** Selective Catalytic Reduction **AB =** Extending screed **TV =** With tamper and vibrators **TP1 =** With tamper and one pressure bar

PREMIUM LINE


# SUPER 2100-3i IP

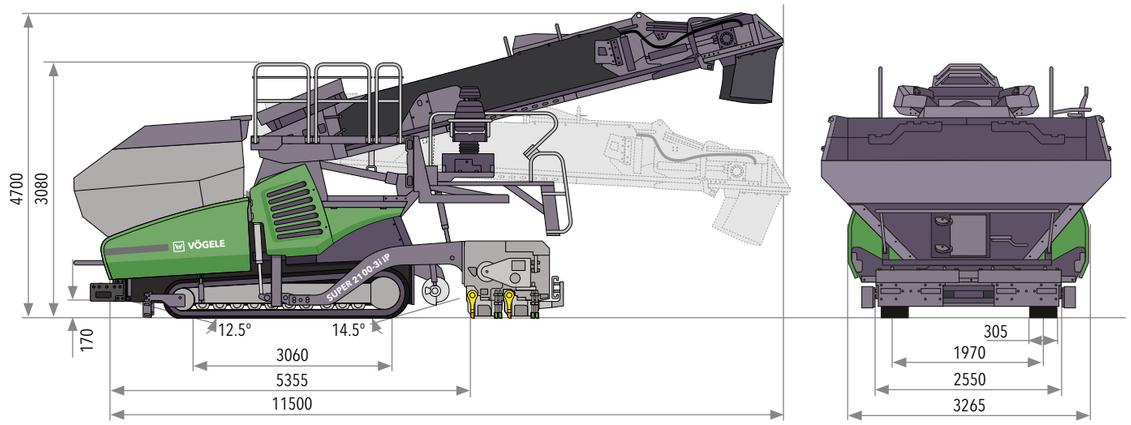
**InLine Pave** is the innovative method developed by VÖGELE for paving compact asphalt pavements. The centrepiece of the InLine Pave train is the SUPER 2100-3i IP, which paves the binder course. It is a modified standard paver with a special transfer module for the surface course mix and the AB 600 TP2 Plus Fixed-Width 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

Subject to technical changes.
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.
* dependent on type of mix

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

Dimensions in mm




| 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 standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, SCR |
| **Fuel tank** | 400 litres |

| Undercarriage | |
|---|---|
| **Crawler tracks** | with rubber pads |
| Ground contact | 3,060 x 305mm |
| **Traction drive** | electronically controlled separate hydraulic drive provided for each crawler track |
| **Speeds** | |
| Paving | up to 25m/min., infinitely variable |
| Transport | up to 4.5km/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 | 480mm |

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

| Screed | | |
|---|---|---|
| **AB 600** | basic width | 3 to 6m |
| | maximum width | 8.5m |
| | compacting system | TP2 Plus |
| **Layer thickness** | up to 30cm | |
| **Heating** | screed plates, tamper bar and pressure bars: electric by heating rods | |
| Power supply | three-phase A.C. generator | |

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

| Dimensions (transport) and weight | |
|---|---|
| **Width** | 3,000mm |
| **Length** | 12,000mm |
| **Height** | 3,080mm |
| **Weight** | paver with transfer module and screed |
| AB 600 TP2 Plus | 29,000kg (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 3000-2(i) Standard PowerFeeder and the MT 3000-2(i) Offset PowerFeeder, VÖGELE offer cutting-edge technology that sets standards in modern road construction – both in terms of quality and economic efficiency.

PREMIUM LINE


# MT 3000-2(i) Standard

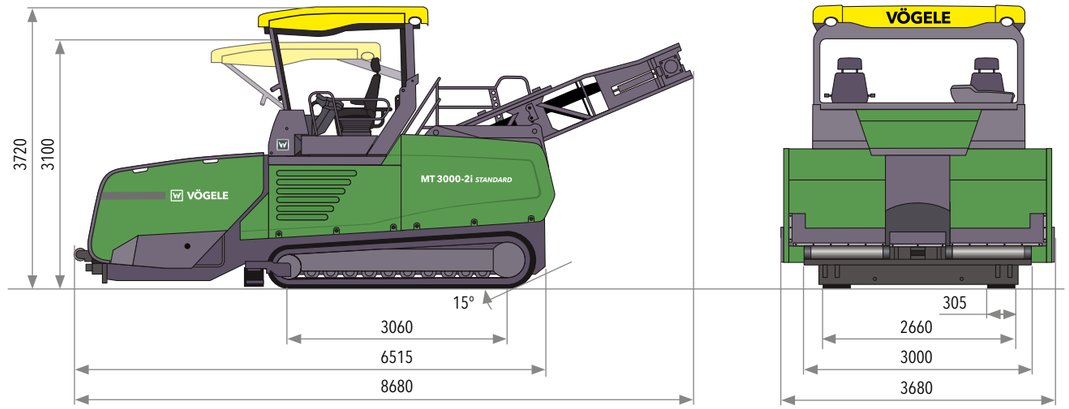
**This high-performance material feeder** is the ideal choice on any major job site organized along modern principles. The extremely high mix storage capacity and the innovative, heavy-duty transfer concept allow non-stop and non-contacting feed of the paver with mix. Up to 1,200t of mix can be transferred every hour with the MT 3000-2(i) Standard. The trough-shaped extra-wide conveyor ensures precise feeding with mix and a clean job site.

// **Uninterrupted and non-contacting supply of mix** to pavers ensures maximum paving quality
// **Heavy-duty transfer concept** in combination with the large, 16.4t receiving hopper allows even large mix lorries to be emptied in just 60 seconds
// **Safe material transfer** based on automatic distance control and collision protection
// **ErgoPlus operating concept** offers an excellent all-round view and allows easy and safe operation

Subject to technical changes.
* dependent on type of mix

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

Dimensions in mm




| 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 standards** | EU Stage 4, US EPA Tier 4f |
| Exhaust gas after-treatment | DOC, DPF, SCR |
| **Fuel tank** | 450 litres |

| MT 3000-2 Standard | 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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 450 litres |

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

| Conveyors and augers | |
|---|---|
| **Transverse augers** | 2, installed in the receiving hopper |
| Standard | cylindrical augers |
| Diameter | 400mm |
| Optional | conical augers for homogenization of the material |
| Drive | separate hydraulic drives |
| Speed | 79rpm |
| **Conveyor** | 1, with hydraulic drive |
| Belt width | 1,100mm |
| **Conveying capacity** | 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 | |
|---|---|
| **Hopper 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** | 19,600kg |

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

PREMIUM LINE


# MT 3000-2(i) Offset

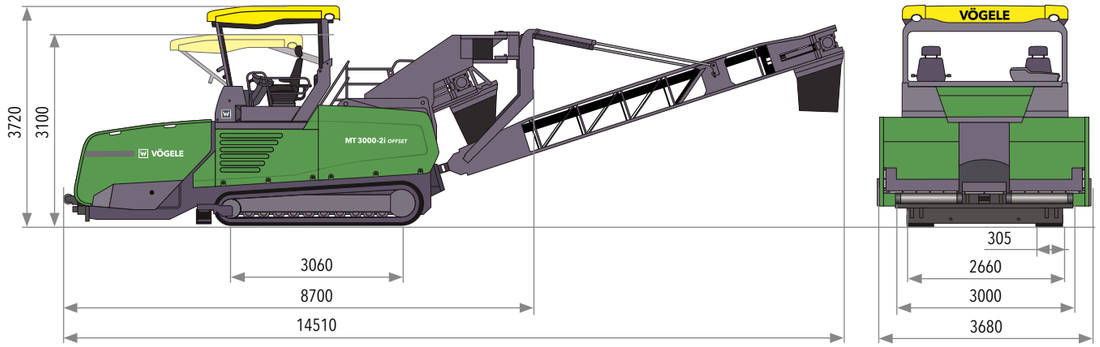
**The cutting-edge** MT 3000-2(i) Offset material feeder ensures a consistently high flow of material in a variety of applications. Whether feeding asphalt as part of a classic major road construction job site or filling a ditch to the side, the MT 3000-2(i) Offset with pivoting conveyor is the perfect feed solution. An innovative feed concept maximizes conveying capacity, while the ErgoPlus operating concept ensures safe and simple operation of the machine.

// **Uninterrupted and non-contacting supply of mix** to pavers ensures maximum paving quality
// **Cutting-edge transfer concept** allows even large mix lorries to 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 changes.
* dependent on type of mix

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

Dimensions in mm




| 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 standards** | 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 standards** | EU Stage 3a, US EPA Tier 3 |
| **Fuel tank** | 450 litres |

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

| Conveyors and augers | |
|---|---|
| **Transverse augers** | 2, installed in the receiving hopper |
| Standard | cylindrical augers |
| Diameter | 400mm |
| Optional | conical augers for homogenization of the material |
| Drive | separate hydraulic drives |
| 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 | from outside edge of material feeder to centre of discharge point: 3,500mm |
| Transfer height (max) | 3,900mm |
| **Conveying capacity** | 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** | 24,200kg |

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


VÖGELE
3000-3i

A WIRTGEN GROUP COMPANY

VÖGELE

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

**JOSEPH VÖGELE AG**
Joseph-Vögele-Str. 1
67075 Ludwigshafen · Germany
www.voegele.info

T: +49 621 / 8105 0
F: +49 621 / 8105 461
marketing@voegele.info



2724865 EN/05.19