

Compact Class

# **SUPER 1300-3i**

## **TRACKED PAVER**



Maximum Paving Width 13 ft. 9 in. (4.2 m)  
Maximum Laydown Rate 390 tons/h (350 tonnes/h)  
Transport Width 6 ft. 1 in. (1.85 m)



## Compact-Size and Powerful: The Tracked SUPER 1300-3i



**The SUPER 1300-3i** is a compact and highly versatile paver which, thanks to its small size, handles a wide range of most varied surfacing tasks including combined footpaths and cycle paths, farm track applications or minor roadways.

Paving widths range from 2 ft. 6 in. to 13 ft. 9 in. (0.75 m to 4.2 m) allowing the SUPER 1300-3i to handle all these tasks with effortless ease. The powerhouse is driven by a modern Deutz engine rated at 107 hp (80 kW).

The VÖGELE ErgoPlus 3 operating system has been supplemented by numerous ergonomic and functional features for the "Dash 3" generation. The paver operator's console, for example, comes with a large color display which provides brilliant readability even in poor lighting conditions.

The PaveDock Assistant and the AutoSet Basic repositioning function facilitate working with this compact powerhouse.

The paver comes with an AB 340 Extending Screed in the V version for superb compaction. Heated electrically like all VÖGELE screeds, it raises standards in terms of performance and efficient electric power utilization.

# The Highlights of the SUPER 1300-3i



**Tracked Compact Class paver** with a wide range of applications for paving widths up to 13 ft. 9 in. (4.2 m)

**Powerful and economical drive concept** with a modern Deutz diesel engine

**Optimum feeding with mix** thanks to the large material hopper and PaveDock Assistant communication system

**AutoSet Basic function** permits a quick and safe move of the paver on the job site

**ErgoPlus 3 operating system** with numerous convenient and automatic functions

**AB 340 Extending Screed with vibration** ensures a perfect paving result

# The Right Paver for Jobs in Tight Spaces



**No component** on the SUPER 1300-3i extends beyond its slim silhouette. With the hopper wings folded up, its basic width comes to no more than 6 ft. 1 in. (1.85 m) - this in conjunction with a length of just 16 ft. 3 in. (4.95 m). As a result, the SUPER 1300-3i can be driven nearly anywhere and fits through almost any opening. Yet it can still pave up to a width of 13 ft. 9 in. (4.2 m).

» **The slim paver design** without protruding edges and an overall length of no more than 16 ft. 3 in. (4.95 m) renders the machine ideal for easy paving and maneuvering in tight corners.

» **For passing through narrow spaces,** push-rollers fold up together with the hopper wings.

» **The hardtop (option)** made of glass-fiber reinforced polymer material folds down with effortless ease, thus getting the paver quickly ready for transport.



# Range of Applications of the VÖGELE Compact Class

With its compact dimensions and high power, the VÖGELE Compact Class of pavers offers a large range of different applications.

Whether combined foot and cycle paths, farm tracks or minor roads and open squares, the SUPER 1300-3i masters every job effortlessly, thanks to its large range of paving widths from 2 ft. 6 in. to 13 ft. 9 in. (0.75 m to 4.2 m) and high engine output.



ASPHALT PAVING ON COMBINED FOOT AND CYCLE PATHS



SURFACING PATHS IN PUBLIC PARKS



PAVEMENT REHABILITATION ON ACCESS ROADS



PAVEMENT REHABILITATION ON MUNICIPAL ROADS



ASPHALT PAVING ON SURFACES USED FOR INDUSTRIAL PURPOSES



ASPHALT PAVING ON RAILWAY PLATFORMS

The applications illustrated here are typical of the VÖGELE Compact Class. The illustrations may also show the predecessor model.

## The Drive Concept: Efficiency, Performance, and Low Consumption



**VÖGELE's modern drive concept** guarantees full power whenever it is needed. Superior technology also makes this Compact Class paver exceedingly economical in everyday use thanks

to the intelligent engine management with ECO mode and variable-speed fan. As a result, fuel consumption and the level of noise emitted by the SUPER 1300-3i are significantly reduced.

With their high traction, the crawler tracks of the SUPER 1300-3i perfectly combine excellent paving performance and maximum mobility during transport.

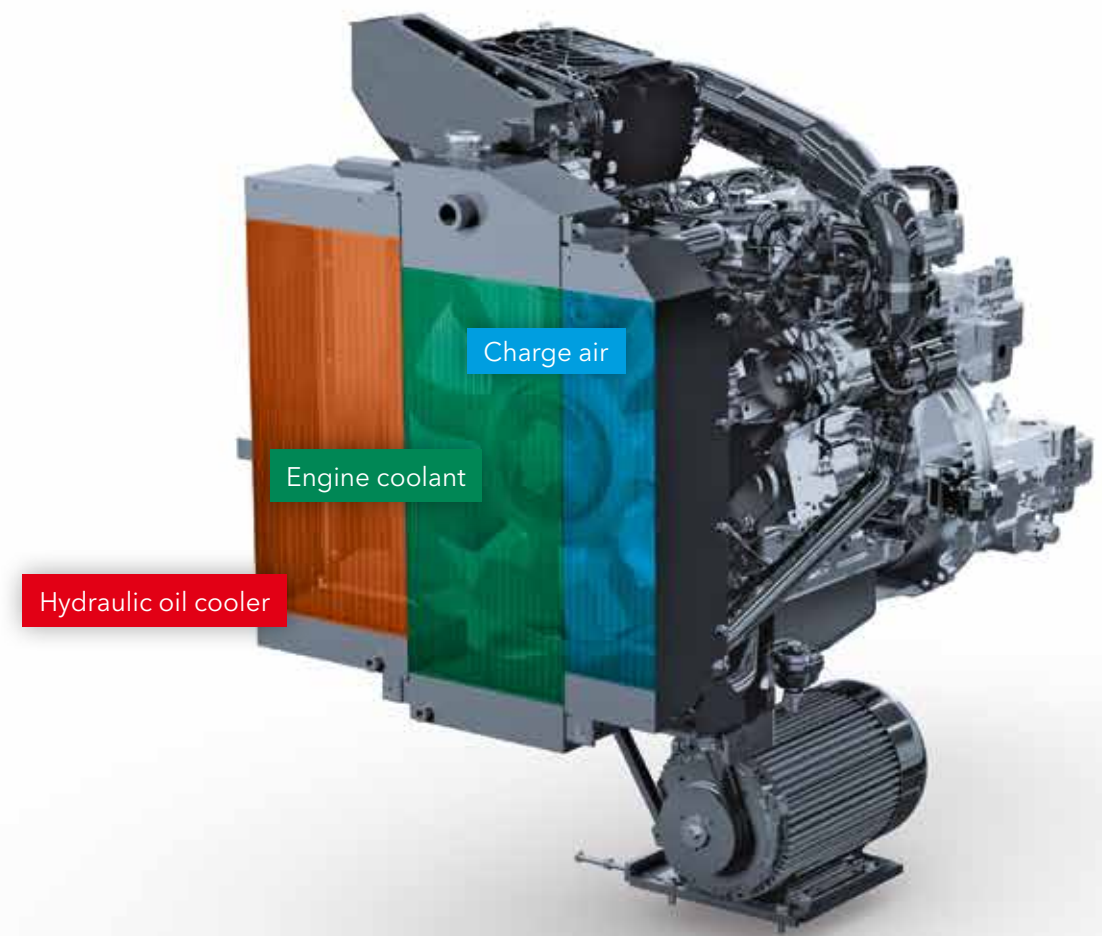
## Full Power – Intelligent Technology

**Three main components** define the power unit of a SUPER 1300-3i: its modern, liquid-cooled diesel engine, a splitter gearbox flanged directly to the engine and a large cooler assembly.

The driving force in this VÖGELE powerpack is its powerful Deutz diesel engine of type TCD 3.6L4. This four-cylinder engine delivers 107 hp (80 kW) at 2,000 rpm. Yet the fuel-saving ECO mode is sufficient for many applications. And even then, the SUPER 1300-3i still has a full 96 hp (72 kW) at its disposal. Moreover, the machine generates even less noise when running at just 1,600 rpm.

A large cooler assembly ensures that the power unit always delivers its full output. With innovative air routing and a variable-speed fan, temperatures are continually maintained within the optimum range, significantly extending the service life of both the diesel engine and the hydraulic oil. A further advantage is that the machine can operate without difficulty in all climate regions worldwide.

All hydraulic consumers are directly supplied with hydraulic oil via the splitter gearbox. Hydraulic pumps and valves are centrally located, making them optimally accessible for servicing.



The large cooler assembly is made up of three parts. It ensures that engine coolant, charge air and hydraulic oil are maintained at the optimum temperature.



» **Machines with the suffix "i"** in their product designation are not only economical, but also extremely clean.

The "i" stands for "intelligent emission control" and is found in the type names of all machines from the WIRTGEN GROUP equipped with the latest engine technology. Thanks to their sophisticated exhaust gas after-treatment, these engines comply with the strict requirements of European emissions standard Stage 3b as well as US EPA standard Tier 4i.

» **Powerful Deutz diesel engine** delivers 107 hp (80 kW) at 2,000 rpm.

» **ECO mode** with 96 hp (72 kW) at 1,600 rpm is sufficient for many paving applications.

The engine's noise emissions, which are already low, are further decreased when working in ECO mode. In addition, ECO mode reduces fuel consumption and wear.

» **A powerful three-phase A.C. generator** with generator management controls the output in compliance with the paving width. Heating the compacting systems to operating temperature takes a short time only.

» **For hydraulic functions**, powerful separate drives are installed, which operate in independent closed loops. This solution allows engine output to be transformed highly efficiently into hydraulic paver performance.

## Efficient Transmission of Tractive Power

Thanks to their high-quality separate, hydraulic drives, our pavers operate exceedingly cost-efficiently, achieving a high level of performance. With its powerful crawler tracks, the SUPER 1300-3i easily pushes heavy

feed vehicles and achieves great tractive effort also on soft bases even when paving in large widths. In terms of traction, the VÖGELE drive concept for tracked pavers leaves nothing to be desired.



» **The hydraulic systems** for the traction drive, conveyors and augers as well as the compacting systems all operate in separate closed circuits for maximum efficiency.

» **Long crawler tracks with large footprints** provide for maximum tractive effort, allowing the paver to get on well at a constant speed even when operating on difficult terrain.

» **Positive tracking** when moving straight and accurate cornering due to separate drive and electronic control provided for each crawler track.

» **Thanks to powerful separate drives** fitted into the drive wheels for the crawler tracks, engine output is translated into paving speed with maximum efficiency.





# Perfect Paving Quality Due to Perfect Material Management



**A continuous flow of material** is key to ensuring uninterrupted and high-quality paving. That is why we attach such importance to professional material management when designing our pavers.

All our development efforts focus on simple operation and the best possible overview for the paving team.

VÖGELE's PaveDock Assistant is an innovative solution standardizing and simplifying communication between the paver operator and driver of the feed vehicle.

## Easy and Clean Feed with Mix

When feeding the paver with material becomes difficult on narrow job sites, then the large capacity of the SUPER 1300-3i's material hopper still ensures that an optimal amount of mix is supplied in front of the screed.

Individually and hydraulically operated hopper wings provide a consistent material flow, even when paving in asymmetrical width along boundaries such as walls.

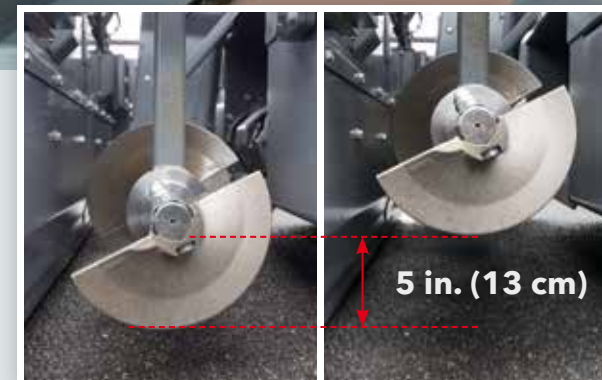


- » **The large material hopper** holding 22,000 lbs. (10 tonnes) is dimensioned so that a sufficient quantity of mix is stored at all times, especially when shuttling in and out of areas where direct feeding of the paver is not possible.
- » **Thanks to a hydraulically operated hopper apron (option)**, no spills of material when feed trucks change. Directs the mix inside the material hopper right onto the conveyors for complete emptying. No hand work with shovels required.
- » **Oscillating push-rollers** for convenient and shock-free docking, also of large feed vehicles.

## Perfect Conveyance and Spreading of Material Like in Large Pavers

The conveyance and spreading of mix in front of the screed is optimal thanks to the large conveyor tunnel, proportional control of conveyors and powerful augers. Furthermore, augers adjustable

in height and folding limiting plates for the auger tunnel allow the paver to be moved on the job site without a need for conversion. This saves time and money.



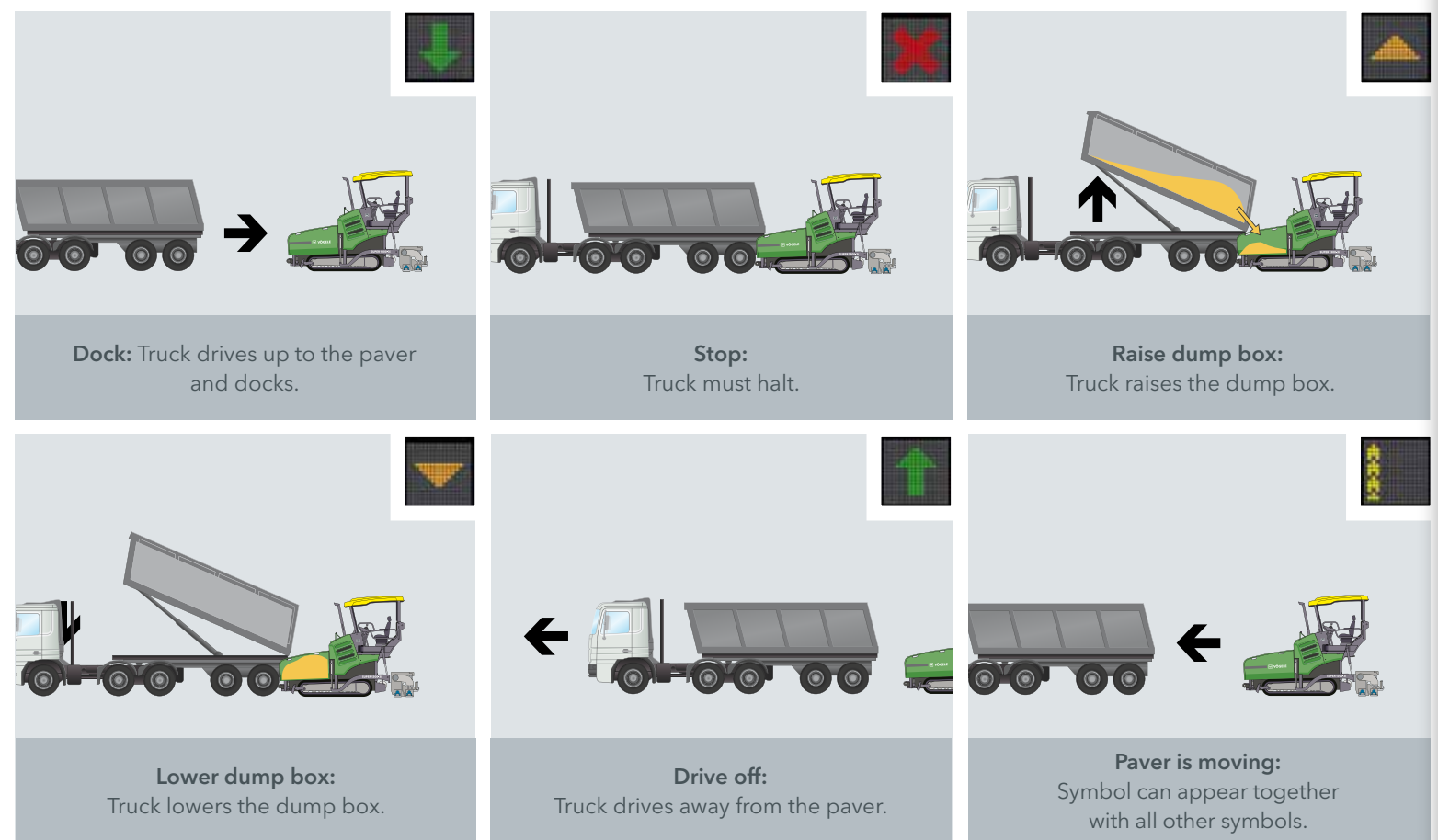
Augers are infinitely and hydraulically (option) raised and lowered within a range of 5 inches (13 cm).

- » **Thanks to an amply dimensioned conveyor tunnel** and powerful separate hydraulic drives provided for conveyors and augers, the SUPER 1300-3i achieves laydown rates up to 390 tons/h (350 tonnes/h), a performance extraordinarily high for a paver in its class.
- » **Separate drive and control** is installed for each conveyor and each auger. When operating in automatic mode, conveyors and augers are subject to continual monitoring. Proportional control provides for a constant head of material in front of the screed.
- » **Automatically folding limiting plates** for the auger tunnel are provided to quickly set up the machine for paving within the range of 8 ft. 6 in. and 13 ft. 9 in. (2.6 m to 4.2 m). There is no need for conversion.

# PaveDock Assistant: The Communication System

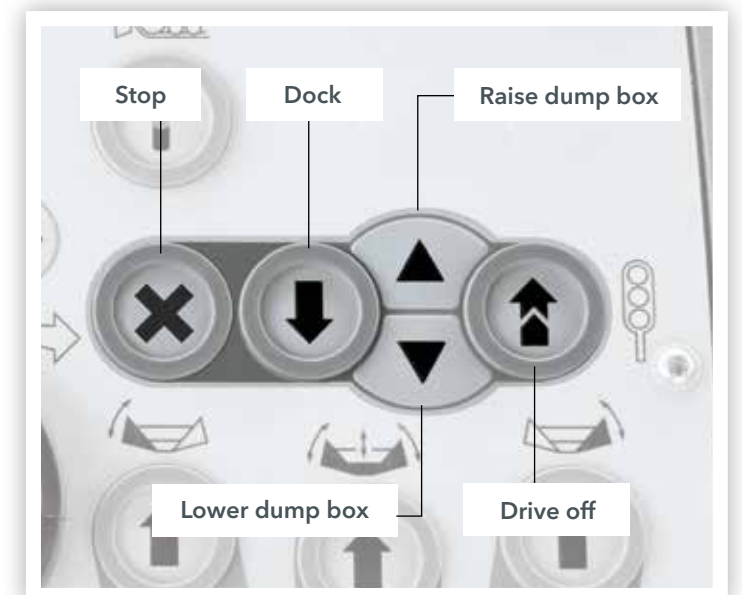
A constant feed of material is a fundamental prerequisite for high-quality paving and perfect evenness.

PaveDock Assistant is the communication system between the paver operator and the driver of the feed vehicle. It allows particularly fast and reliable transfer of mix to the paver.



The core element of the PaveDock Assistant are the signal lights on the paver and the associated control elements on the paver operator's ErgoPlus 3 console.

The paver has two sets of signal lights, mounted on the left and right of the hardtop. With these lights, the paver operator can give the driver of the feed vehicle unmistakable signals, indicating what needs to be done (e.g. reverse, stop, dump material). Having two lights, each in an elevated position, ensures that all signals are clearly visible to the feed vehicle driver from all angles of approach.



# AutoSet Basic Repositioning Function

**AutoSet Basic** is especially helpful when the machine frequently has to be moved on the job site.

Simply pushing the "Execute" button hydraulically raises the augers, the hopper apron and the deflectors in front of the crawler tracks to the uppermost positions. The screed, too, is lifted to transport position. The conveyors are reversed for a short time, preventing mix from falling to the ground when the paver travels to the next work section on site.

Once the paver has been repositioned, pushing the "Execute" button again returns all systems to the previously stored working positions.

This ensures that no settings are lost when changing from paving to repositioning or transport. It also effectively prevents any damage to the machine.



THE AUTOSET BASIC REPOSITIONING FUNCTION IS ACTIVATED JUST BY PUSHING THE "EXECUTE" BUTTON



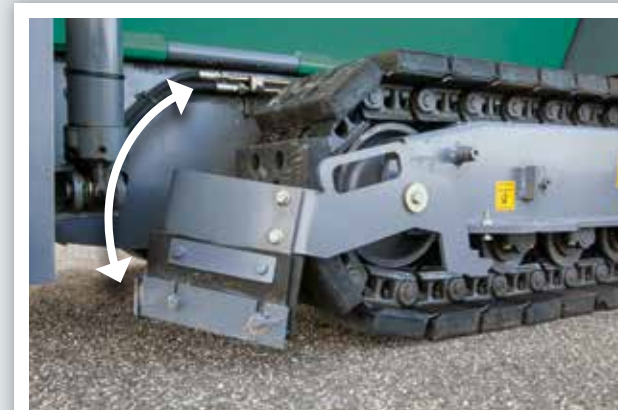
RAISE / LOWER SCREED



RAISE / LOWER AUGER



CONVEYOR MOVEMENT REVERSIBLE FOR A SHORTTIME



RAISE / LOWER DEFLECTORS IN FRONT OF THE CRAWLER TRACKS



RAISE HOPPER APRON

## The ErgoPlus 3 Operating System

**Even the very best machine** with the most advanced technology can only really show its strengths if it can be operated easily and as intuitively as possible. At the same time, it should offer an ergonomic and safe working environment for the operating team. Therefore, the ErgoPlus 3 operating system focuses on the operator. With VÖGELE pavers, the operator consequently retains full control over the machine and construction project.

On the following pages, example illustrations will provide you with more detailed information on the extensive functions of the ErgoPlus 3 operating system. ErgoPlus 3 encompasses the operator's stand, the paver operator's console, the screed consoles and Niveltronic Plus, the System for Automatic Grade and Slope Control.



# The Paver Operator's **ErgoPlus 3 Console**



**“Full Control for the Machine Operator”**


# The Paver Operator's ErgoPlus 3 Console

The paver operator's ErgoPlus 3 console has been designed according to practice-related principles. All controls are clearly arranged. Paver functions are clustered in logical groups so that operators find their controls just where they would expect them to be.

On the ErgoPlus 3 console, all push-buttons are easily identifiable by touch even when wearing work gloves. Once a button is pressed, off you go. An advantage due to the "Touch and Work" principle. This means that a function is executed directly - without a need to confirm.

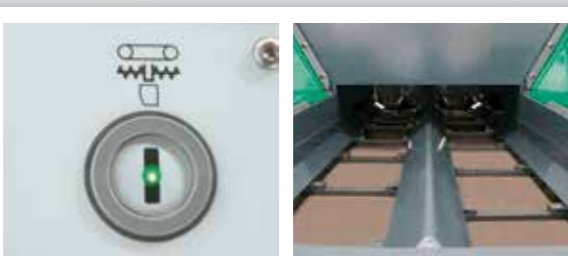
**Reversing conveyor movement**

To prevent material dropping from the conveyors during a move of the paver on the job site, conveyor movement can be reversed at the push of a button. Reverse movement, i.e. transferring material from the rear of the conveyor tunnel back inside, takes place for a short time only and stops automatically.



**No-Load function**

The No-Load function is provided for the warm-up or cleaning of conveyors and augers.



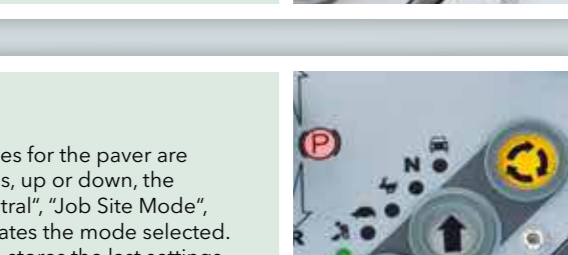
**AutoSet Basic repositioning function (option)**

With the AutoSet Basic repositioning function, the paver is quickly and safely prepared for a move on the job site at the push of a button. After the move, all paver components are reset to their previous working positions, simply by pushing the button again. This ensures that no settings are lost when changing between "Paving" and "Job Site" modes. AutoSet Basic also effectively prevents damage during transport.




**Choice of operating modes for the paver**

On the ErgoPlus 3 console, 4 different operating modes for the paver are available to select from. By pressing the arrow buttons, the operator changes modes in the following order: "Neutral", "Job Site Mode", "Positioning Mode" and "Paving Mode". An LED indicates the mode selected. When leaving "Paving Mode", a smart memory feature stores the last settings for paver functions so that, when resuming work after a move of the paver on site, these settings are retrieved automatically.



**Safe operation during the night**

Glarefree backlighting comes on automatically as darkness sets in so that the paver operator can also work safely on night-time jobs.






- Module 1: Conveyors and Augers, Traction
- Module 2: Screed
- Module 3: Material Hopper and Steering
- Module 4: Display screen for monitoring and adjustment of basic settings


**Display screen of the paver operator's console**

The redesigned color display screen has a high-contrast user interface ensuring brilliant readability even in poor lighting conditions. Vital information is shown on menu level 1, such as the paving speed and the material level in the conveyor tunnel. Further paver functions such as speed for vibration or feed rate for the conveyors can easily be set up via the display screen, too. And the screen gives access to machine-related information such as fuel consumption or service hours.




**PaveDock Assistant (option)**

With the PaveDock Assistant signal lights, the paver operator can give the driver of the feed vehicle unmistakable signals, indicating what needs to be done (e.g. reverse, stop, dump mix). The lights are conveniently activated directly from the paver operator's ErgoPlus 3 console.



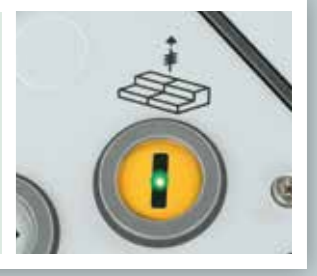
**Choice of engine speed ranges**

For the engine, there is a choice of 3 modes to select from: MIN, ECO, and MAX. To switch modes for engine rpm, all the operator needs to do is press the arrow buttons, up or down. In ECO Mode, the engine provides sufficient power for a great number of paving applications. Operating in ECO Mode reduces noise emission and fuel consumption considerably.



**Screed Assist (option)**

This button switches Screed Assist on (LED lights up) or off. Screed Assist pressure and balance can be set via the display screen. Screed Assist is active only when the screed is floating.



# The ErgoPlus 3 Screed Console

**The screed is crucial for pavement quality.** Therefore, easy and positive handling of all screed functions is of the utmost importance for high-quality road construction.

With ErgoPlus 3, the screed operator has the paving process at his fingertips. All functions are intuitively and logically arranged.

### The screed console

The screed console is designed in keeping with the conditions prevailing on the job site. Push-buttons are provided for the frequently used functions operated from the screed console. These are watertight and enclosed in palpably raised rings, so that they are identifiable blindfold simply by touch even when wearing work gloves. Important paver and screed data can be called up and adjusted from the screed console, too.



### The display screen of the screed console

The display screen of the screed console allows the screed operator to control and monitor both the left and the right side of the screed. Machine-related parameters such as vibration speed or conveyor speed can be adjusted conveniently via the screed console's display screen. The clear menu structure, combined with easily understandable, universal, language-neutral symbols, makes use of the screen both simple and safe.



### Crown adjustment at the press of a button

The crown can be conveniently adjusted at the press of a button on the screed operator's console. When pressing the "plus" or "minus" keys, the set crown value is shown on the display screen.



### Ergonomic screed width control

The screed width can be effortlessly adjusted by means of the handy SmartWheel.



### Optimum visibility even in darkness

The screed console is specially designed for night-time operation. To prevent operator errors, the buttons are backlit as soon as dusk falls or in darkness. What's more, the downward-angled high-power LED lighting gives the operator a perfect view of all processes associated with the end gate.





# VÖGELE Niveltronic Plus

**Niveltronic Plus**, the System for Automatic Grade and Slope Control, is an in-house development by VÖGELE based on many years of experience in grade and slope control technology. Easy operation, precision and reliability are its hallmarks, ensuring perfect mastery of all grade and slope control jobs.

This fully integrated system is optimally adapted to the machine technology of the SUPER pavers. All wiring and connections, for instance, are integrated into the tractor and screed, effectively eliminating all risk of damage to these components.

VÖGELE naturally offers a particularly large and practical selection of sensors permitting versatile use of the Niveltronic Plus system. Whether car parks, roundabouts, or highways, etc., need to be built or rehabilitated, VÖGELE offers the right sensor for every job site situation.

Sensors can be changed quickly and easily, for Niveltronic Plus automatically detects which sensor is connected, thus simplifying the configuration process for the user.



Left-hand side of screed	Right-hand side of screed
Shows the value specified for the sensor on the left-hand side. For grade sensors, values are indicated in inches. When working with the slope sensor, values are indicated in percent.	Shows the value specified for the sensor on the right-hand side. For grade sensors, values are indicated in inches. When working with the slope sensor, values are indicated in percent.
Shows the type of sensor selected for the left-hand side. Displayed here in this example is the symbol of the sonic sensor used in Ground mode.	Shows the type of sensor selected for the right-hand side. Displayed here in this example is the symbol of the sonic sensor used in Ground mode.
Shows the actual value picked up by the sensor.	Shows the actual value picked up by the sensor.
Shows the sensitivity set for the sensor selected.	Shows the sensitivity set for the sensor selected.





## The ErgoPlus 3 Operator's Stand

**1. The comfortable operator's stand** gives an unobstructed view of all important areas of the paver such as material hopper, steering guide, and screed. It allows the paver operator to easily monitor the paver's material feed.

**2. The seats swinging out to the sides** and an operator's stand of streamlined design provide for maximum visibility of the auger tunnel, permitting the paver operator to keep an eye on the head of mix in front of the screed at all times.

**3. A few adjustments** are all it takes for the paver operator to position his console exactly in keeping with his personal needs. It can be displaced across the full width of the operator's stand, swiveled out to the sides and tilted.

**4. A place for everything and everything in its place**  
The operator's stand with its streamlined design is well organized, offering the paver operator a professional workplace. The operator console is protected by a cover to prevent unauthorized access and vandalism.

**5. Hardtop (option) gives excellent protection**  
A modern hardtop made of glass-fiber reinforced polymer material shelters the operator whether rain or shine.

**6. Consistent service concept**  
All "Dash 3" pavers have a consistent maintenance concept with identical service intervals.

**7. Safe and comfortable ascent**  
The walkway and comfortable middle ascent on the screed ensure safe and convenient access to the operator platform.

**8. Ergonomic screed console**  
The height and position of the console are easily adjusted. The high-contrast color display can be read clearly from all angles.



## AB 340 V Extending Screed

**For SUPER 1300-3i**, the AB 340 V Extending Screed is the perfect match. The screed with a basic width of 5 ft. 11 in. (1.8 m) extends hydraulically up to 11 ft. 2 in. (3.4 m). By addition of bolt-on extensions, it builds up to a maximum width of 13 ft. 9 in. (4.2 m).

**A typical VÖGELE feature** also found in the AB 340 V Extending Screed is electric heating. The modern, powerful screed heating system provides for quick and uniform heating to operating temperature, an essential for smooth surface texture.

**The unique VÖGELE single-tube telescoping system** allows screed width control, accurate to the millimeter, up to 11 ft. 2 in. (3.4 m).

**Telescopic tubes** are located in high positions, so that any contact with the hot mix is positively avoided for impeccable extension and retraction of the screed and long service life.

**Excellent insulation** of the screed plates reduces loss of heat to a minimum. Heating the screed takes a short time only, even with the engine running at minimum rpm.

**Homogeneous surface texture** due to uniform heating of the screed plates.

**The time required for electric heating of the screed** to reach operating temperature is reduced substantially thanks to an intelligent generator management system, even with the engine running at minimum rpm.

# The Screed for SUPER 1300-3i

## AB 340 V

### Paving widths

- » Infinitely variable range from 5 ft. 11 in. to 11 ft. 2 in. (1.8 m to 3.4 m)
- » Larger widths by addition of 2 bolt-on extensions:
  - » 12 ft. 9 in. (2 x 10 in.) / 3.9 m (2 x 25 cm)
  - » 13 ft. 9 in. (2 x 1 ft. 4 in.) / 4.2 m (2 x 40 cm)
- » Smaller widths by fitting cut-off shoes down to a minimum of 2 ft. 6 in. (75 cm)

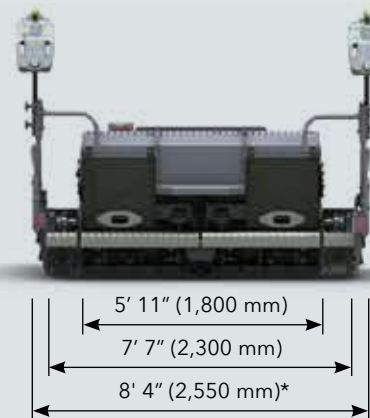
### Compacting system

- » Vibration



## AB 340 V

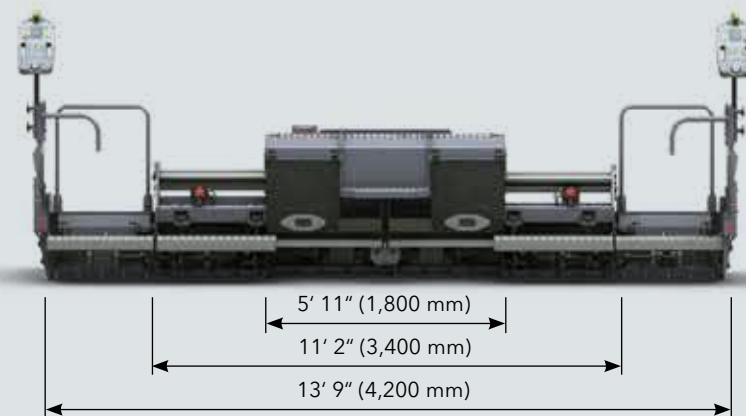
AB 340 V with 10 in. (25 cm) bolt-on extensions



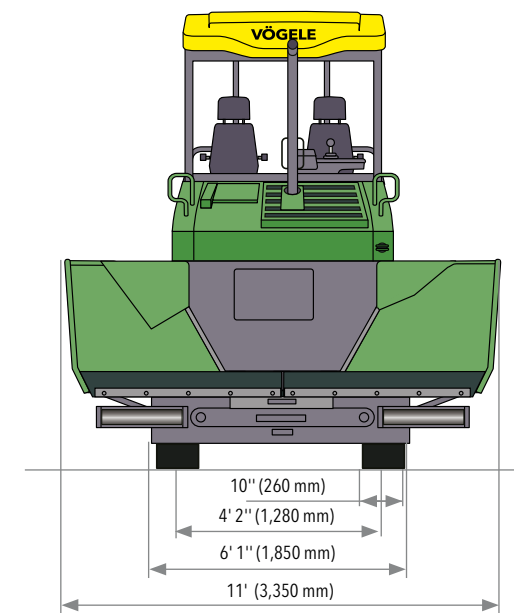
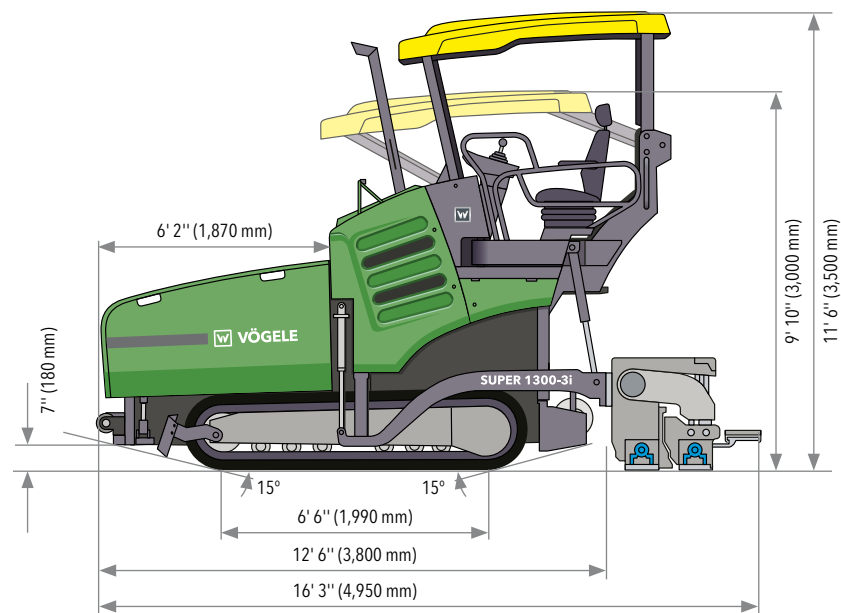
Easy Transport  
 \*Even with bolt-on extensions and end gates fitted, the transport dimensions do not exceed 8 ft. 4 in. (2.55 m).

## AB 340 V

AB 340 V with 1 ft. 4 in. (40 cm) bolt-on extensions



# All the Facts at a Glance



Power Unit	
<b>Engine</b>	4-cylinder diesel engine
Manufacturer	Deutz
Type	TCD 3.6L4
<b>Output</b>	
Nominal	107 hp (80 kW) at 2,000 rpm
ECO mode	96 hp (72 kW) at 1,600 rpm
<b>Exhaust Emissions</b>	
<b>Standard</b>	EU Stage 3b, US EPA Tier 4i
Exhaust gas after-treatment	DOC
<b>Fuel Tank</b>	29 gallons (US) (110 liters)

Undercarriage	
<b>Crawler Tracks</b>	provided with rubber pads
Ground contact	6 ft. 6 in. x 10 in. (1,990 mm x 260 mm)
Track tension adjuster	spring assembly
Track roller lubrication	lifetime
<b>Traction Drive</b>	hydraulic, separate drive and electronic control provided for each crawler track
<b>Speeds</b>	
Paving	up to 98 fpm (30 m/min.), infinitely variable
Travel	up to 2.8 mph (4.5 km/h), infinitely variable
Material Hopper	
<b>Hopper Capacity</b>	22,000 lbs. (10 tonnes)
<b>Width</b>	11 ft. (3,350 mm)
<b>Dump Height</b>	23 in. (580 mm) (bottom of material hopper)
<b>Push-Rollers</b>	oscillating
Position	can be displaced forward by 3 in. (80 mm)

Conveyors and Augers	
<b>Conveyors</b>	2, with replaceable feeder bars, conveyor movement reversible for a short time
Drive	separate hydraulic drive provided for each conveyor
Speed	up to 95 fpm (29 m/min.), infinitely variable (manual or automatic)
Lubrication	maintenance-free
<b>Augers</b>	2, with exchangeable auger flights, auger rotation reversible
Diameter	12 in. (300 mm)
Drive	separate hydraulic drive provided for each auger
Speed	up to 85 rpm, infinitely variable (manual or automatic)
<b>Auger height</b>	
Standard	infinitely variable by 5 in. (13 cm), mechanical
Option	infinitely variable by 5 in. (13 cm), hydraulic

Screed	
<b>AB 340</b>	infinitely variable range 5 ft. 11 in. to 11 ft. 2 in. (1.8 m to 3.4 m)
	maximum width 13 ft. 9 in. (4.2 m)
	minimum width 2 ft. 6 in. (0.75 m)
	reduction in width by cut-off shoes, 2 x 1 ft. 9 in. (52.5 cm)
<b>Screed Version</b>	V
<b>Layer Thickness</b>	up to 10 in. (25 cm)
<b>Screed Heating</b>	electrically by heating rods
Power supply	three-phase A.C. generator
Dimensions (Transport) and Weights	
<b>Length</b>	tractor and screed
AB 340 V	16 ft. 3 in. (4.95 m)
<b>Weights</b>	tractor and screed
AB 340 V	22,906 lbs. (10.4 tonnes)

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

Technical alterations reserved.



The VÖGELE QR Code leads you directly to the "SUPER 1300-3i" on our website.



® ERGOPLUS, InLine Pave, NAVITRONIC, NAVITRONIC Basic, NAVITRONIC Plus, NIVELTRONIC, NIVELTRONIC Plus, RoadScan, SprayJet, VÖGELE, VÖGELE PowerFeeder, PaveDock, PaveDock Assistant, AutoSet, AutoSet Plus, AutoSet Basic, ErgoBasic and VÖGELE-EcoPlus are registered Community Trademarks of JOSEPH VÖGELE AG, Ludwigshafen/Rhein, Germany. PCC is a registered German Trademark of JOSEPH VÖGELE AG, Ludwigshafen/Rhein, Germany. ERGOPLUS, NAVITRONIC Plus, NAVITRONIC BASIC, NIVELTRONIC Plus, SprayJet, VISION, VÖGELE, VÖGELE PowerFeeder, PaveDock, PaveDock Assistant, AutoSet, AutoSet Plus, AutoSet Basic and VÖGELE-EcoPlus are trademarks registered in the US Patent and Trademark Office to JOSEPH VÖGELE AG, Ludwigshafen/Rhein, Germany. Legally binding claims cannot be derived from written information or pictures contained in this brochure. Pictures may include optional extras. We reserve the right of technical or design alterations.

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