Highway Class
SUPER 2100-3
TRACKED PAVER

Maximum pave width 13 m
Maximum laydown rate 1,100 t/h
Transport width 2.55 m

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The SUPER 2100-3 unites pioneering design, added comfort and convenience as well as high performance with minimum consumption. Product designers mainly focused on ecological, economic and ergonomic aspects when developing the “Dash 3” generation. The VÖGELE EcoPlus Package, for instance, significantly reduces fuel consumption and noise levels.

The popular ErgoPlus 3 operating system, too, has been provided with a number of additional ergonomic and functional features. The paver operator’s console, for example, comes with a large colour display ensuring brilliant readability even in poor lighting conditions.

New VÖGELE developments always arise from operational requirements. With AutoSet Plus we have enhanced the efficiency, convenience and quality of key job site processes. Both the continuation of work after interruptions to paving and moves of the paver on the job site are greatly facilitated by the AutoSet Plus function.

PaveDock Assistant and PaveDock push-rollers make a perfect combination, ensuring maximum process safety when transferring mix.

All of these features make this Highway Class machine a true SUPER paver.
The highlights of the SUPER 2100-3

- **Tracked Highway Class paver** with a large range of applications and pave widths up to 13 m
- **Powerful and economical drive concept**, even when operating at full load in any climate zone
- **The VÖGELE EcoPlus low-emissions package** significantly reduces fuel consumption and noise levels
- **Optimum feeding with mix** thanks to the large material hopper, PaveDock sprung push-rollers and PaveDock Assistant communication system
- **ErgoPlus 3 operating system** with numerous convenient and automatic functions
- **All screeds** can be used with high-compaction technology
Efficient high performance with low consumption

The powerful 6-cylinder diesel engine rated at 179 kW is the driving force behind this Highway Class paver. Intelligent engine management with ECO mode and VÖGELE EcoPlus low-emissions package keep fuel consumption and noise levels low.

Low input – maximum output: all drive components including the three-phase AC generator are powered via the central splitter gearbox and operate with maximum efficiency.

Crawler tracks with high tractive power efficiently translate the engine output into pave speed.
Modern drive technology

Three main components form the power unit of a SUPER 2100-3: its modern, liquid-cooled diesel engine, a splitter gearbox flanged directly to the engine and a large cooler assembly.

The driving force behind this VÖGELE powerhouse is its diesel engine. The 6-cylinder engine delivers 179 kW at 2,000 rpm. Yet the fuel-saving ECO mode is sufficient for many applications. And even then, the SUPER 2100-3 still has a full 168kW at its disposal. Moreover, the machine generates particularly quietly when running at just 1,700 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 continuously maintained within the optimum range, significantly extending the service life of both the diesel engine and the hydraulic oil. Another advantage is that the machine can be operated without difficulty in all climatic regions around the world.

All hydraulic consumers are directly supplied with hydraulic oil via the splitter gearbox. The advantage is that all hydraulic pumps and valves are centrally located, making them easily accessible for servicing. Even the powerful generator for screed heating is flanged directly onto the splitter gearbox; its integrated oil cooling system makes it completely maintenance-free and very quiet.

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.

The powerful, oil-cooled generator with direct drive ensures rapid, uniform heating of the screed. In the “Dash 3” generation, the generator is directly driven by the splitter gearbox and therefore maintenance-free.

Powerful yet economical 6-cylinder diesel engine with ECO mode.

ECO mode for paver operation at 1,700 rpm is not only perfectly adequate for numerous applications, it also cuts operating costs and allows super-quiet operation.
VÖGELE EcoPlus: less is more

It goes without saying that our road pavers conform to the applicable emissions directives, but we like to go much further. That’s why the machine concept of the “Dash 3” generation uses environmentally friendly innovations in machine technology, resulting in lower consumption, lower emissions and lower costs.

One of these innovations is the VÖGELE EcoPlus low-emissions package. Fuel savings of up to 25% can be achieved with VÖGELE EcoPlus, depending on the application and capacity utilization of the paver.

That doesn’t just result in considerable savings for the contractor – it is good news for the environment, too. That’s because every litre of fuel saved reduces carbon dioxide (CO₂) emissions.

The technical innovations

01 Splitter gearbox with ability to disengage hydraulic pumps

When the paver is stationary, all the hydraulic pumps needed for “traction”, “conveyors and augers” and “compaction” are disengaged automatically. The result? Lower fuel consumption.

02 Energy-optimized tamper drive

The tamper is driven by a variable-displacement pump which always delivers exactly the amount of oil needed for the current tamper speed and not a drop more or less.

03 Controlled hydraulic oil temperature circuit

A bypass circuit gets the hydraulic oil to its optimum operating temperature very quickly, enabling rapid, fuel-saving operation of the paver.

04 Variable-speed fan

The variable-speed fan automatically adapts to engine load and ambient temperature. This type of drive saves energy and reduces noise emissions.
Efficient transmission of engine power

High-quality separate hydraulic drives are essential components of the VÖGELE drive concept. They allow our pavers to operate incredibly cost-efficiently at a high level of performance.

Since the traction drive units are directly integrated into the sprockets of the crawler tracks, engine output is translated into pave speed without any loss of power.

★ 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 deliver maximum traction thanks to their large footprint. This ensures a constant forward speed even when operating on difficult terrain.

★ Positive tracking when moving straight and accurate cornering due to electronically controlled separate drives provided for both crawler tracks.

★ The sturdy deflectors in front of the crawler tracks reliably clear any spilled mix out of the way. With the AutoSet Plus option, the deflectors in front of the crawler tracks can even be raised and lowered hydraulically.
A continuous flow of mix 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 to standardize and simplify communication between the paver operator and driver of the feed vehicle.
Large material hopper

As with all VÖGELE pavers, supplying the SUPER 2100-3 with mix is a clean, safe and swift process.

A hydraulically operated hopper front (option) directs the mix inside the material hopper straight onto the conveyors, conveying the entire mix properly in front of the screed.

- **The large material hopper** has a capacity of 14 tonnes so that a sufficient quantity of mix is available for paving at all times, even in situations where feeding is difficult, such as when paving under bridges.
- **Easy feeding with mix** thanks to low material hopper, wide hopper sides and sturdy rubber baffles fitted to the hopper front.
- **Especially wide oscillating push-rollers** for convenient and shock-free docking of feed vehicles, even on bends.
- **The oscillating push-rollers** can be displaced forwards by 75 or 150 mm to cater to the most diverse feed vehicles.

Precise spreading of mix across the full pave width

The augers of the SUPER 2100-3 are hydraulically infinitely variable in height up to 15 cm, even while paving.

This provides for quick and easy adaptation to the desired layer thickness across the full pave width.

- **Powerful, separate hydraulic drives** are provided for conveyors and augers, permitting high laydown rates up to 1,100 tonnes per hour.
- **Large auger blades** (diameter 480 mm) provide for an optimal head of mix in front of the screed and prevent segregation, even when paving across large widths.
- **Hydraulic height-adjustment** of the augers, complete with bearing boxes and limiting plates for the auger tunnel allows the paver to be moved on the job site without a need for conversion, a benefit that saves time and money.
**PaveDock Assistant:**

The communication system

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**Dock:** truck drives up to the paver and docks.  
**Stop:** truck must halt. It has docked.  
**Raise dump box:** truck raises the dump box.  
**Lower dump box:** truck lowers the dump box.  
**Drive off:** truck drives away from the paver.  
**Paver is moving:** symbol can appear together with all symbols.

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**PaveDock** dampens impacts effectively

Together with the PaveDock Assistant, the sprung push-rollers maximize process safety during transfer of the mix: a sensor installed in the sprung push-rollers indicates whenever a feed vehicle has docked onto the paver. The signal lights display the stop signal automatically and directly. The feed vehicle driver can thus react immediately.

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**As an alternative** to the oscillating push-rollers, VÖGELE also supply PaveDock sprung push-rollers. These absorb jolts by the feed vehicle even more effectively and reliably, thus ensuring that they are not transmitted to the finished pavement.

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**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. Signal lights on the paver and the associated controls on the paver operator’s ErgoPlus 3 console are key components.

The paver has two sets of signal lights, mounted on the right and left 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 mix). 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.
Automated processes with AutoSet Plus

With AutoSet Plus, we have enhanced the efficiency, convenience and quality of key job site processes. AutoSet Plus has two handy automatic functions.

The Repositioning and Transport function greatly facilitates the continuation of work when moving the paver on the job site from one work section to another, or after the paver has been transported. Simply pressing the “Execute” button quickly and reliably readies the machine for travel on the job site, or for transport. Pressing the button again returns it to the previously stored working position.

The Paving Programs function allows the operating personnel to save the configured machine parameters and store these as a paving program in the menu. This program can then be called up and used whenever needed.

The two convenience functions of AutoSet Plus automate routine tasks, allowing work processes to be carried out more quickly and with greater control. This in turn means that construction projects can be completed faster and more reliably.

1 // AutoSet Plus – Repositioning function
Fast and safe repositioning of the paver on the job site.
No settings are lost between paving and repositioning.
Also prevents any damage to the augers and deflectors in front of the crawler tracks.

2 // AutoSet Plus – Paving Programs function
Automated configuration of the paver.
Storage of all paving-related parameters.
Selection of stored paving programs.
Reproducible quality.
AutoSet Plus Repositioning function

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

Simply pressing the "Execute" button raises the augers, the hydraulically operated hopper front and the deflectors in front of the crawler tracks to the uppermost positions. The screed and the screed tow point rams are brought into transport position. In addition, the screed is locked hydraulically in transport position. The conveyors are temporarily reversed, preventing mix from falling to the ground when the paver travels to the next work section on site.

Once the paver has been repositioned, pressing 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.

1. The AutoSet Plus Repositioning function is activated just by pushing the "Execute" button.
2. Raise/lower screed.
3. Lock/unlock screed.
4. Screed tow point rams in transport position/at last set value.
5. Raise/lower augers.
7. Raise/lower deflectors in front of the crawler tracks.
8. Raise hopper front.

AutoSet Plus Paving Programs

The automatic Paving Programs function allows the operating personnel to store their own paving programs. All the key parameters for paving a specific layer, e.g. a base course of asphaltic concrete 18 cm thick, can thus be stored.

He also enters the amount of crown and the screed temperature. The program is completed with additional information on the material being used, layer thickness and pave width.

The stored paving programs can subsequently be selected and used at any time via the menu. In the event of a repeat situation, this ensures that work is carried out with exactly the same settings, maintaining a consistent quality.

On the display of his console, the paver operator saves in his program the values set for the compacting systems (tamper and vibrator speed, pressure for the pressure bars), height of the augers, position of the tow point rams, pressure for Screed Assist and pave speed.
The **ErgoPlus 3 operating concept**

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. The ErgoPlus 3 operating concept accordingly focuses on the operator. With VÖGELE pavers, the user consequently retains full control over the machine and the construction project.

On the following pages, example illustrations will provide you with more detailed information on the extensive functions of the ErgoPlus 3 operating concept. ErgoPlus 3 encompasses the operator’s platform, the paver operator’s console and screed consoles and Niveltronic Plus, the System for Automated 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 console is extremely clear and has been designed according to practical principles. All functions are combined into logical groups, so that the operator finds each function exactly where he would expect it to be.

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

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. Screed Assist is active only when the screed is floating.

Pavedock Assistant (option)
With the PaveDock Assistant signal lights, the paver operator can give the driver of the feed vehicle unambiguous 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 three 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 delivers sufficient power for a great number of paving applications. Operating in ECO mode reduces noise emissions and fuel consumption considerably.

Display of the paver operator’s console
The high-contrast colour display delivers brilliant readability even in poor lighting conditions. Vital information, such as the positions of the screed tow point rams or the material level in the conveyor tunnel, is shown on menu level 1. Further paver functions such as speeds of tamper and vibrators or feed rate of the augers can easily be set up via the display, too. And the display gives access to machine-related information such as fuel consumption or service hours.

Idling function
Idling function is provided for the warm-up or cleaning of conveyors, augers and tamper.

Reversing conveyor movement
In order to avoid mix 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 takes place for a short time only and stops automatically.

Choice of operating modes for the paver
All the main paving and machine functions can be controlled directly by individual push-buttons on the paver operator’s ErgoPlus 3 console. By pressing the arrow buttons, up or down, the operator changes modes in the following order: “Neutral”, “Job Site”, “Positioning” and “Pave”. An LED indicates the mode selected.

AutoSet Plus Repositioning function (option)
With the AutoSet Plus 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 pressing the button again. This ensures that no settings are lost when changing between “Pave” and “Job Site” modes. AutoSet Plus also effectively prevents damage during transport.

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.
The screed operator’s ErgoPlus 3 console

The screed is crucial for pavement quality, so easy, safe handling of all screed functions is of the utmost importance for high-quality road construction. With ErgoPlus 3, the screed operator has the process of paving at his fingertips. All functions are easily comprehensible and all controls are clearly 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 console. These are watertight and surrounded by raised rings, to make them identifiable “blindfold” simply by touch, even when wearing work gloves. Important paver and screed data can be called up and adjusted from the console, too.

The display of the screed console
The display of the console allows the screed operator to control and monitor both the left and the right side of the screed. The console can quickly and easily adjust machine-related parameters such as tamper speed or conveyor speed. The clear menu structure, combined with easily understandable, self-explanatory symbols neutral in language, makes operating the display panel 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 the “plus” or “minus” keys are pressed, the set crown value is shown on the display.

Ergonomic screed width control at two speeds
Screed width can be effortlessly adjusted by means of the SmartWheel. This is done at two speeds: slow, for precise control e.g. along an edge, or fast, for rapid extension or retraction of the screed.

Optimum visibility even in darkness
The screed operator’s 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 is more, the downward-angled high-power LED lighting gives the operator a perfect view of all processes associated with the side plate.
VÖGELE Niveltronic Plus

VÖGELE, the System for Automated Grade and Slope Control, is an in-house development by JOSEPH VÖGELE AG 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 perfectly adapted to the machine technology of the Premium Line pavers. All wiring and connections, for instance, are integrated in the tractor unit 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 need building or rehabilitating, VÖGELE offers the right sensor for every job site situation.

Sensors can be changed quickly and easily, as Niveltronic Plus automatically detects which sensor is connected, thus simplifying the configuration process for the user.
The ErgoPlus 3 operator’s platform

1. The comfortable paver operator’s platform
gives an unobstructed view of all crucial areas
on the paver such as material hopper, steering
guide or screed.

2. The seats, which swing out to the sides, and
the streamlined design of the paver operator’s
platform likewise provide 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. Working comfortably
The paver operator’s seat and console on
the platform, as well as the screed operator’s
platforms can now be adjusted even more
easily to personal needs.

4. A place for everything and everything
in its place
The paver operator’s platform is streamlined
and well organized, offering the paver operator
a professional workplace. The operator’s console
can be protected by a shatter-proof cover to
prevent wilful damage.

5. Hardtop provides excellent protection
The modern hardtop made of glass
fibre-reinforced polymer material shelters
the operator come rain or shine.

6. Consistent service concept
All “Dash 3” pavers have a consistent
service concept with identical intervals.

7. Safe and convenient step
The walkway and convenient central
step on the screed ensure safe and
convenient access to the operator’s
platform.

8. Ergonomic screed operator’s console
The height and position of the console
are easily adjusted. The high-contrast
colour display can be read clearly from
all angles.
**AB 500 and AB 600 Extending Screeds**

**VÖGELE AB 500 and AB 600 Extending Screeds** are the preferred choice on all those jobs where pave width varies and prime pavement quality counts. Thanks to their sturdy single-tube telescoping system, these screeds can be set quickly and accurately to any pave width desired. Effective sound insulation in the extending screeds reduces noise levels on the job site. In combination with the low-noise tractor unit, these screeds are hence ideally suited for use even in noise sensitive areas.

Both extending screeds are available for the SUPER 2100-3 in the TV version (with tamper and vibrators) for standard compaction or in the TP1 or TP2 versions (with 1 or 2 pressure bars) for high compaction. The AB 500 and AB 600 Extending Screeds in the TP2 Plus version are available particularly for paving binder courses and base courses with maximum precompaction.

- **The extending screeds guarantee homogeneous surface texture** thanks to uniform heating of screed plates, tamper bars and pressure bars.
- **Even with the paver’s engine running at minimum rpm**, the time required for the screed to reach its operating temperature is reduced substantially thanks to intelligent generator management.
- **When the paver functions are set to automatic**, the generator management system activates Alternating mode for screed heating (heats the screed alternately on the left and right), a feature which is easy on the engine and reduces fuel consumption.

**Pave widths**

- **AB 500**: Infinitely variable range from 2.55 m to 5 m
- **AB 600**: Infinitely variable range from 3 m to 6 m

**Compacting systems**

- **AB 500 TV with tamper and vibrators**
- **AB 500 TP1 with tamper and 1 pressure bar**
- **AB 500 TP2 with tamper and 2 pressure bars**
- **AB 500 TP2 Plus with tamper and 2 pressure bars for maximum precompaction**

- **AB 600 TV with tamper and vibrators**
- **AB 600 TP1 with tamper and 1 pressure bar**
- **AB 600 TP2 with tamper and 2 pressure bars**
- **AB 600 TP2 Plus with tamper and 2 pressure bars for maximum precompaction**
The SUPER 2100-3 can be combined with the new SB 300 and SB 300 HD Fixed-Width Screed. This provides numerous user-friendly innovations. The possibility of hydraulically adjusting the screed by up to 2.5 m with the newly developed bolt-on extensions is a globally unique feature. This guarantees high flexibility during paving. In addition, a special telescoping and positioning system greatly reduces the set-up times when mounting the fixed bolt-on extensions. Another benefit for users is that the tamper stroke can now be adjusted hydraulically when required, i.e. simply by pressing a button on the paver operator’s or screed operator’s console. This speeds up processes, especially when working with varying layer thicknesses. The screed is also equipped with a new heating system which heats the screed plate, tamper and pressure bars twice as fast as before and much more uniformly.

Like the SB 300, the SB 300 HD Fixed-Width Screed has a basic width of 3 m. The key difference between them is that this screed was designed specifically for paving non-bituminous mixes in sub-base construction, so has no screed heating. This rugged screed is equipped with a purpose-made tamper which achieves a particularly high precompaction value. This allows crushed stone base courses and anti-freeze layers to be paved efficiently and accurately in high layer thicknesses.

### Highways

- **Vögele**: Vögele deliver absolutely high-quality, perfectly even results. They show their strengths whenever large pave widths have to be handled, when laying down thick layers (e.g. crushed stone base courses) and where high degrees of precompaction have to be achieved.

### Compacting systems

- **SB 300 TV** with tamper and vibrators
- **SB 300 TP1** with tamper and 1 pressure bar
- **SB 300 TP2** with tamper and 2 pressure bars

### Pave widths

- **Basic width 3 m. Larger widths if bolt-on extensions up to a maximum of 10 m are added**

### SB 300 and SB 300 HD Fixed-Width Screeds

The SB 300 provides numerous user-friendly innovations. The possibility of hydraulically adjusting the screed by up to 2.5 m with the newly developed bolt-on extensions is a globally unique feature. This guarantees high flexibility during paving. In addition, a special telescoping and positioning system greatly reduces the set-up times when mounting the fixed bolt-on extensions. Another benefit for users is that the tamper stroke can now be adjusted hydraulically when required, i.e. simply by pressing a button on the paver operator’s or screed operator’s console. This speeds up processes, especially when working with varying layer thicknesses. The screed is also equipped with a new heating system which heats the screed plate, tamper and pressure bars twice as fast as before and much more uniformly.

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All the facts at a glance

Dimensions in mm
L* = Dependent on screed type (see specification)

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

Material hopper
- Hopper capacity: 14 t
- Width: 3,265 mm
- Feed height: 0.75 m (Bottom of material hopper)

Conveyors and augers
- Conveyors: 2, with replaceable feeder bars, conveyor movement temporarily reversible separate hydraulic drive provided for each conveyor up to 37 m/min, infinitely variable (manual or automatic)
- Augers: 2, with exchangeable auger blades, auger rotation reversible 400 mm separate hydraulic drive provided for each auger up to 79 rpm, infinitely variable (manual or automatic)
- Height: infinitely variable by 15 cm, hydraulic controlled lubrication system with electrically driven grease pump

Screed options
- SB 300: basic width 3 m, maximum width (TV/TP1) 13 m, compacting systems TV, TP1, TP2
- SB 300 HD: basic width 3 m, maximum width (TV) 10 m, compacting system TV

Layer thickness
- up to 40 cm (SB 300)

Screed heating
- electric by heating rods
- three-phase AC generator

Power unit
- Engine: 6-cylinder diesel engine, liquid-cooled
- Manufacturer: Cummins
- Type: QSB6.7-C240
- Output: 179 kW at 2,000 rpm (according to DIN)
- 168 kW at 1,700 rpm (ECO mode)
- Exhaust emissions: standard EU Stage 3a, US EPA Tier 3
- Fuel tank: 380 litres
- Dimensions (transport) and weights
  - Length: AB 500/600 TV 6.65 m, AB 600 TV 6.55 m
  - Width: AB 500/600 TV pave widths up to 5 m 21,950 kg, AB 600 TV pave widths up to 8.5 m 27,800 kg

Undercarriage
- Crawler tracks: with rubber pads, 3,060 mm x 305 mm
- Ground contact: 3,060 mm x 305 mm
- Track tension adjuster: spring assembly
- Track roller lubrication: lifetime
- Traction drive: electronically controlled separate hydraulic drive provided for each crawler track
- Speeds
  - Paving: up to 25 m/min, infinitely variable up to 4.5 m/min, infinitely variable
  - Travel:

Conveyors and augers
- Augers
  - Diameter: 480 mm
  - Drive: separate hydraulic drive provided for each auger
  - Speed: up to 79 rpm, infinitely variable (manual or automatic)
  - Height: infinitely variable by 15 cm, hydraulic controlled lubrication system with electrically driven grease pump

Screed options
- SB 300: basic width 3 m, maximum width (TV/TP1) 13 m, compacting systems TV, TP1, TP2
- SB 300 HD: basic width 3 m, maximum width (TV) 10 m, compacting system TV

Layer thickness
- up to 40 cm (SB 300)

Screed heating
- electric by heating rods
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Dimensions (transport) and weights
- Length: AB 500/600 TV 6.65 m, AB 600 TV 6.55 m
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Subject to technical modification.
* Nett SB 300 HD

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