

Special Class

MT 3000-3 Standard POWERFEEDER



Maximum conveying capacity 1,200 t/h
Conveyor 1.1 m wide
Simple operation with ErgoPlus 3

PREMIUM LINE

 www.voegele.info

Special Class

MT 3000-3 Standard

PowerFeeder



The new **VÖGELE MT 3000-3 Standard** combines reliable technology with great operating convenience, making it even easier to transfer material to the paver without interruptions or jerks and thus ensuring top paving quality at maximum efficiency.

The VÖGELE ErgoPlus 3 operating system now also guarantees simple, ergonomic and reliable control of this new material feeder. Effective assistance systems are additionally available to make work easier for the machine operator.

AutoSet Plus allows the MT 3000-3 Standard to be set up quickly and easily for the task in question, regardless of whether the machine is to be repositioned, transported or prepared for the material transfer task ahead.

The PaveDock Assistant traffic light system is used to direct mix trucks and delivers clear, noiseless communication with the driver of the mix truck.

The completely redesigned material hopper enables trucks to dock and empty completely in just 60 seconds.

The new service and maintenance concept makes the "Dash 3" material feeder quick and easy to service and clean. All the relevant areas are very easily accessible and can be identified at a glance.

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



PREMIUM LINE

VÖGELE MT 3000-3 Standard

Greater efficiency, convenience and reliability



» **PaveDock Assistant**
Straightforward communication between material feeder operator and truck driver

» **Optimized belt heating**
Reliably prevents mix cooling and adhering when consumption is low

» **ErgoPlus 3**
Convenient, ergonomic, safe and simple to operate

» **AutoSet Plus**
Reliable repositioning, rapid readiness for use and reproducible conveying quality

» **Optimized conveying of mix**
Rapid conveying of mix without loss, even under difficult conditions of use

» **Modern drive concept**
High conveying capacity with quiet, economical operation

» **Redesigned material hopper**
Rapid, simple docking and emptying of mix trucks

» **New maintenance and service concept**
Quick and easy to maintain and clean for reliable operation

Maximum conveying capacity 1,200 t/h

Conveyor 1.1 m wide

"Dash 3" features: ErgoPlus 3, PaveDock Assistant and AutoSet Plus



New "Dash 3" features

- » **The ErgoPlus 3 operating concept** provides a convenient workstation with plenty of storage space and good all-round visibility. The new operating logic makes handling even more intuitive and reduces faulty operation.
- » **AutoSet Plus** facilitates repositioning. The material feeder can be put into repositioning or transport position at the touch of a button. Material handling programmes can furthermore be saved and called up again at any time.
- » **Perfect communication** during transfer of material to the paver: PaveDock Assistant enables the material feeder operator and the truck driver to communicate unambiguously without hooting or hand signals.
- » **The new maintenance and service concept** facilitates access to all the relevant points for maintenance, making settings and cleaning.



State-of-the-art material handling concept

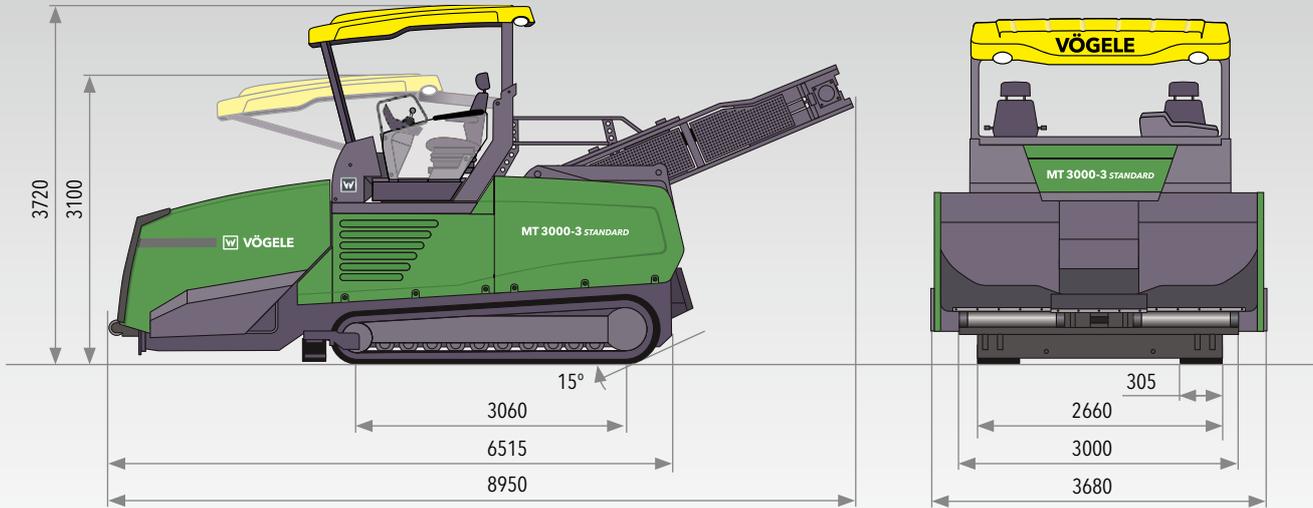
- » **The optimized control system** always keeps the conveyor belt central, even on difficult job sites with extreme inclines.
- » **The improved material handling concept** reduces machine soiling to a minimum. This reduces wear and increases resistance to deformation.
- » **Belt heating with improved control** maintains its temperature reliably whilst keeping fuel consumption low.
- » **The trough-shaped conveyor belt** centres the mix during handling, guaranteeing a clean flow of material without losses.



Optimized material hopper

- » **The changed geometry** of the material hopper allows mix trucks to dock easily and to unload quickly.
- » **Reflectors and markings** in fluorescent colours identify the hopper walls for reliable and quick docking, even when working at night.
- » **The hydraulically-operated hopper front** ensures that the whole of the mix is incorporated in the material handling process.

Dimensions in mm



Drive	
Engine	Deutz
Type	TCD 2012
Output	
Nominal	142 kW at 2,000 rpm (according to DIN)
ECO mode	134 kW at 1,800 rpm
Exhaust emissions standards	EU Stage 3a, US EPA Tier 3
Fuel tank	450 l

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

Conveyors and augers	
Transverse augers	2, installed in the receiving hopper
Standard	cylindrical augers
Diameter	300 mm
Drive	separate hydraulic drive
Speed	max. 100 rpm

Conveyor	1, with hydraulic drive
Belt width	1,100 mm
Conveying capacity (max.)	1,200 t/h*

Receiving hopper	
Holding capacity	15 t
Width	3,680 mm (hopper sides extended)
Feed height	600 mm (bottom of receiving hopper)
Push-rollers	
Standard	oscillating
Positions	can be displaced forwards by 75 mm or 150 mm
Bottom of material hopper	can be tilted hydraulically to empty completely

Dimensions and weight	
Width	3,000 mm
Length	8,950 mm
Height	3,100 mm
Weight	19,765 kg

* dependent on type of mix
Subject to technical changes.

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