

Technical information

MT 3000-3(i) STANDARD



PowerFeeder MT 3000-3(i) Standard

Special Class

TECHNICAL HIGHLIGHTS

- > Conveying capacity up to 1,200 t/h
- > Capacity receiving hopper up to 15 t
- > Weight 19,765 kg
- > Engine output: 160/142 kW at 2,000 rpm
- > Operating speed: 25 m/min

MT 3000-3(i) Standard - greater efficiency and convenience

The MT 3000-3(i) Standard high-performance material feeder is the perfect partner for reliable high conveying capacity and for uninterrupted non-contacting transfer of mix to pavers.

The new MT 3000-3(i) Standard features the “Dash 3” machine concept to increase user-friendliness and machine efficiency still further.



TECHNICAL DATA	MT 3000-3i STANDARD	MT 3000-3 STANDARD
Power unit		
	for EU/EFTA countries/USA/Canada/Japan	for all other countries
Engine		
> Version	liquid-cooled 6-cylinder diesel engine	
> Manufacturer	Deutz	
> Type	TCD 6.1	TCD 2012
Output		
> Nominal	160 kW at 2,000 rpm	142 kW at 2,000 rpm
> ECO mode	152 kW at 1,800 rpm	134 kW at 1,800 rpm
Emissions information		
> Exhaust emissions standards	EU Stage V, US EPA Tier 4f	EU Stage 3a, US EPA Tier 3
> Exhaust gas after-treatment	DOC, DPF, SCR	
Fuel tank	450 litres	
Undercarriage		
Crawler tracks		
> Version	with rubber pads	
> Ground contact	3,060 x 305 mm	
Speeds		
> Operating	up to 25 m/min., infinitely variable	
> Travel	up to 4.5 km/h, infinitely variable	
Receiving hopper		
Holding capacity	15 t	
Width	3,680 mm	
Feed height	600mm (bottom of receiving hopper)	
Push-rollers		
> Standard	oscillating	
Extra material hopper		
Holding capacity	18 - 25 t	
	(to be placed into the material hopper of the paver)	

Material conveying systems

Transverse augers

> Version	2, installed in the receiving hopper
> Standard	cylindrical augers
> Diameter	300 mm
> Drive	separate hydraulic drive
> Drehzahl	100 rpm

Belt conveyor

> Version	1, with hydraulic drive
> Belt width	1,100 mm

Conveying capacity

> Version	max 1,200 t/h*
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Dimensions (transport) and weight

Width

> Version	3 m
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Length

> Version	8.95 m
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Height

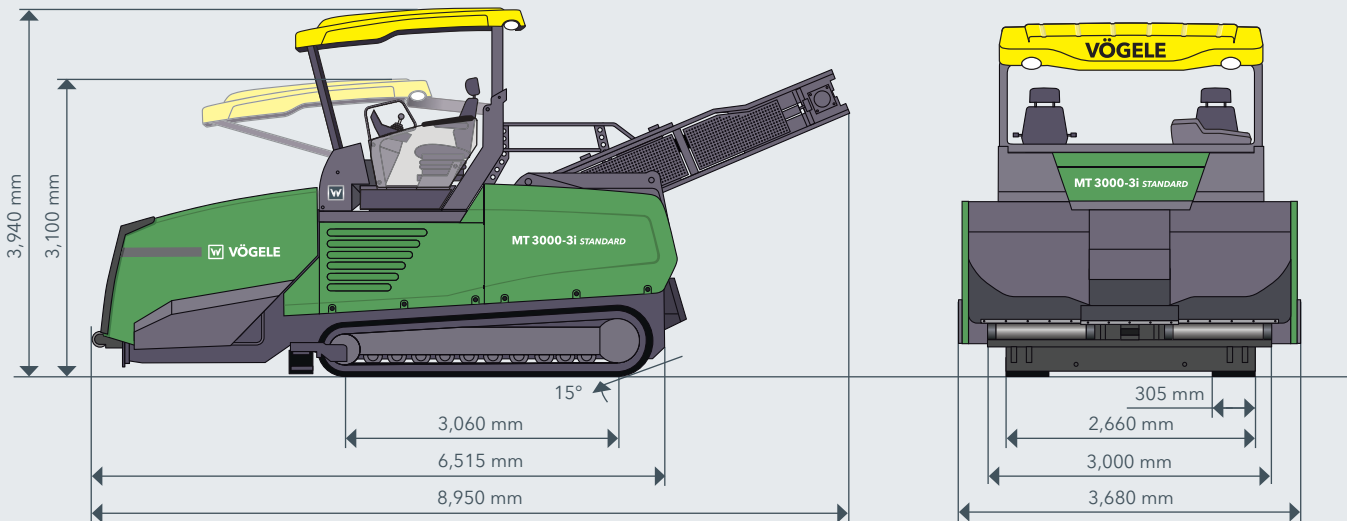
> Version	3.1 m
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Weight

> Version	19,765 kg
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Key: DOC = Diesel Oxidation Catalyst, DPF = Diesel Particulate Filter, SCR = Selective Catalytic Reduction, * dependent on type of mix

SIDE AND FRONT VIEW



THE HIGHLIGHTS OF THE MT 3000-3 (i) STANDARD

- > The powerful material handling concept of VÖGELE's MT 3000-3(i) PowerFeeder is capable of conveying up to 1,200 t of material per hour
- > ErgoPlus 3 operating system with numerous convenient and automatic functions
- > PaveDock Assistant facilitates straightforward communication between material feeder operators and truck drivers
- > The modified hopper geometry allows mix trucks to dock easily and to unload quickly
- > The optimum diesel heating system reliably keeps the mix at temperature from the first truck-load onwards
- > The new maintenance and service concept facilitates access to all the relevant points for maintenance, making settings and cleaning

FEATURES	MT 3000-3i Standard	MT 3000-3 Standard
> Simple, ergonomic ErgoPlus 3 operating concept	■	■
> Comfortable operator's seats	■	■
> Ergonomic heated operator's seats	□	□
> Windscreen with windscreen wipers	□	□
> Powerful three-phase AC generator	■	■
> Halogen working lights	■	■
> LED working lights	□	□
> AutoSet Plus for simple repositioning and saving of conveying programs	□	□
> Plug socket with earthing contact incl. 2 connecting sockets for the light balloon	■	■
> Light balloons for use at night	□	□
> Hydraulic hopper front	■	■
> Extra material hopper for the tracked paver	□	□
> Conical augers	□	□
> Scrapers for conveyors are electrically heated and hinge hydraulically	■	■
> Diesel-driven conveyor belt heating with non-contacting panel radiators	■	■
> Automated steering control, mechanical or sonic sensor	□	□
> Mechanical or electric (laser-controlled) distance control	□	□
> PaveDock Assistant communication system	□	□
> Cleaning system with tank and hose reel	■	■

This list is just an extract of the scope of supply.
Standard features and options may differ by sales region.

■ Standard feature □ Option

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