A WIRTGEN GROUP COMPANY

VÖGELE

Technical information

MT 3000-3 Li STANDARD



PowerFeeder MT 3000-3 Li Standard
Special Class

TECHNICAL HIGHLIGHTS

> Conveying capacity up to 1,200 t/h
> Capacity receiving hopper up to 15 t
> Weight 20,080 kg
> Engine output: 160 kW at 2,000 rpm
> Operating speed: 24 m/min

MT 3000-3 Li Standard – The new generation: efficient, reliable and convenient

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

With the MT 3000-3 Li Standard PowerFeeder, VÖGELE is taking two steps into the future at once: new operator ergonomics, more automated processes and faster setup times, together with reduced noise and exhaust emissions.

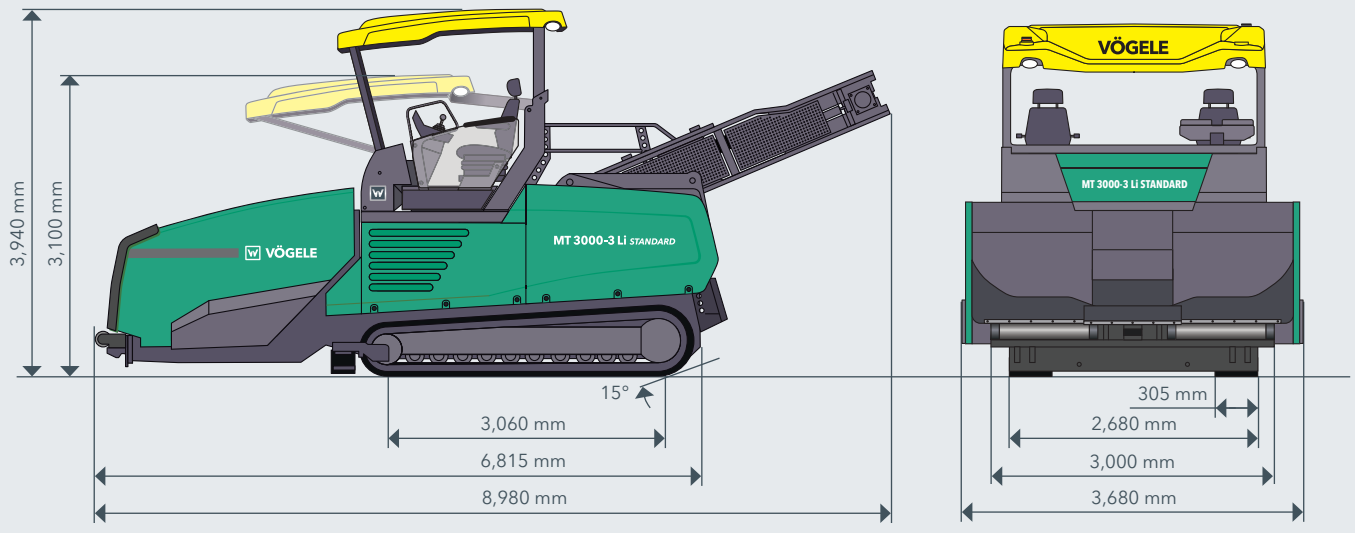


TECHNICAL DATA	MT 3000-3 Li Standard
Power unit	
Engine	
> Version	liquid-cooled 6-cylinder diesel engine
> Manufacturer	Deutz
> Type	TCD 6.1 L06 NR4
Output	
> Nominal	160 kW at 2,000 rpm
> ECO mode	152 kW at 1,800 rpm
Emissions information	
> Exhaust emissions standard	NR4
> Exhaust gas after-treatment	DOC, DPF, SCR
Fuel tank	425 litres
Undercarriage	
Crawler tracks	
> Version	with rubber pads
> Ground contact	3,060 x 305 mm
Speeds	
> Operating	up to 24 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	600 mm (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
> Speed	100 rpm
Belt conveyor	
> Version	1, with hydraulic drive
> Belt width	1,100 mm
Conveying capacity	max 1,200 t/h*
Dimensions (transport) and weight	
Width	3 m
Length	9.25 m
Height	3.1 m
Weight	20,080 kg

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 Li STANDARD

> The powerful material handling concept of VÖGELE's MT 3000-3 Li Standard PowerFeeder is capable of conveying up to 1,200 t of material per hour

> ErgoPlus operating system with numerous convenient and automatic functions

> PaveDock Assistant facilitates straightforward communication between material feeder operators and truck drivers

> Various functions even easier to check - relevant areas monitored by an additional camera, for example

> Feed Assist allows processes to be saved and called back up automatically at the touch of a button for more efficient, safer working

> 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 3000-3 Li Standard
> Simple, ergonomic ErgoPlus operating concept	■
> Media-controlled multi-field cooler	■
> Ergonomic heated operator's seats	□
> Windscreen with windscreen wipers	□
> Feed Assist to automate routine tasks	■
> Powerful three-phase AC generator	■
> Halogen working lights	■
> LED working lights	□
> 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	□
> Laser-controlled distance control	□
> PaveDock Assistant communication system	□
> Cleaning system with tank and hose reel	■
> Cleaning system, automatic	□

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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