

Engine and drive

Engine	VM R754 EU6 D3 four-cylinder turbo diesel according to directive 595/2009/EC EURO VI, intercooler, diesel-Oxidcat, particle filter, SCR cat, tank capacity 65 l
Displacement/output	2,970 cm ³ /80 kW (109 HP) at 2,600 rpm
Max. torque	420 Nm at 1,100 rpm

Working and driving characteristics

Driving	Fully hydraulic drive, rear-wheel drive, driver-selected all-wheel steering, optional differential lock 3 different operating modes: Transport mode with automatic speed & load control; Work mode with constant speed, changing from drive mode to work mode at constant speed; Transport mode up to 62 km/h, standard steering; Changing from drive to work mode up to 25 km/h, all-wheel steering; Work mode up to 15 km/h, all-wheel steering; Reverse mode up to 10 (25) km/h
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Working	Load-sensing high pressure hydraulics with variable power distribution; 3 different operating modes: ECO/Standard/MAX switchable at the push of a button; Fan with engine-independent speed control; Additional functions with optional multi-purpose package
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Attachment points	Quick-change triangle cat 0 at the front, quick-change ball-mounting system at the rear
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Frame, chassis, brakes	Commercial-vehicle lead frame with 2 steering axles, coil springs with shock absorbers, stabiliser at the rear axle, 4 attachment points for standard lifting platform, dual-circuit braking system with 4 disc brakes and brake booster, Anti-Lock-Brakes (ALB), variable hydrostatic braking power, independent mechanical parking brake acting on the rear axle
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Wheels and tyres	Standard tyres 225/75 R16C Wide tyres 285/65 R16C
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Cabin	2-seater comfort cabin, occupant-protection tested according to ECE R29 adjustable steering column, comfort seats, 3-point seat belt, comfortable one-hand operation of all sweeping functions, one-button operation to start the sweeping functions, automatic memory-storing of all operating parameters
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Sweeping system	2-broom 900 mm, working width up to 2,500 mm, suction nozzle 800 mm on rollers	Pre-sweep broom 900 mm, 2 basic brooms 750 mm, working width up to 2,000 mm, suction nozzle 800 mm on rollers
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Dirt hopper	VZA stainless steel dirt hopper 2.2 m ³ , gross capacity 1,895 l, usable hopper capacity 1,710 l
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Dimensions and load values

Length/width/height*	4,950 mm / 1,320 mm / 2,054 mm	4,975 mm / 1,320 mm / 2,054 mm
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Wheelbase/track width	2,190 mm / 1,054 mm
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GVM	6,000 kg
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Permissible axle loads	3,200 kg / 3,200 kg
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Empty weight**	3,540 kg	3,650 kg
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Payload**	Up to 2,460 kg	Up to 2,350 kg
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Form, colour and design are subject to change in favour of further technical development. Pictures may show optional equipment. Details according to EN 15429 1-4 where applicable.

* Width: without wing mirrors, height: with standard tyres

** Empty weight: standard machine without optional equipment

*** Payload: Optional equipment may reduce the payload