

Basic unit Citymaster 2250 with waste container

Engine: Water-cooled 4-cylinder turbo diesel engine with direct injection. VM R754 EU6 with maintenance-free particulate filter and SCR system. Exhaust gases according to EURO 6E. Displacement: 2,970 cm³. Power 80 kW @ 2,600 rpm. Maximum torque 420 Nm @ 1,100 rpm. Automatic engine speed adjustment according to power requirements, fuel tank 65 liters.

Homologation: Self-propelled machine with the equipment features truck N2 until 07/2026

Travel Drive: Hydrostatic drive, electronically controlled with cruise control, hydrostatic anti-lock braking system, adjustable hydraulic deceleration, mechanical differential lock in the rear axle optional. Automated reversing function for temporary reverse sweeping.

Gears:

Transport mode:	0-62 km/h
	0-25 km/h reverse
Working mode:	0-15 km/h
	0-10 km/h reverse
Pause mode:	0-20 km/h

Chassis and steering: Welded ladder frame, rigid axles with coil suspension; Rubber auxiliary springs and hydraulic shock absorbers. Hydrostatic front-wheel steering with engageable all-wheel steering in working mode. Wheel chock with holding device.

Brakes: Hydraulic dual-circuit disc brake system with brake booster and load-dependent brake force control, 4-channel ABS.

Tyres:

Standard tyres:	225/75 R16C
Universal tyres:	285/65 R16C

Optionally available as all-season or winter tires, fenders are configured across tire width.

Cab: 2-seater comfort cab in space frame design. Seat and control configuration optional. Tinted panoramic windscreen made of laminated safety glass (windscreen heating option). 2-stage parallelogram windshield wiper system with wipe-wash function and interval switch, doors with sliding windows opening to the front and rear, viewing window in the lower area, fully retractable exterior mirrors (option). Hot water heating / air conditioning. Plastic door trim solid-coloured, textured, anthracite grey RAL 7016 as standard, paintwork available individually on request.

Colouring/corrosion protection/preservation:

Chassis/frame/cab: CDP dip coating

In addition, professional protective wax preservation in exposed areas.

Container: V2A stainless steel, container lid and blower housing steel with 2-layer powder coating, wear inserts blower, container lid and container chute, container support frame hot-dip galvanized, accessories 2-layer powder coating.

In addition, professional protective wax preservation in exposed areas.

Sweeping units: Base frame and broom arm holder with 2-layer powder coating, broom arms and collision protection galvanized.

In addition, professional protective wax preservation in exposed areas.

Suction mouth: Steel with 2-layer powder coating.

In addition, professional protective wax preservation in exposed areas.

Plastic side panelling for the driver's cab and container trim optionally coloured through or individually painted. Total preservation with Elaskon UBS FIX, transparent. Underbody with Elaskon UBS ECO, black. Elaskon care pass for complete vehicle.

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We herewith declare values and properties of the described vehicle as conform to the technical specification at the indicated date of validity. Data and information published in previously edited documents become invalid with this declaration. Technical modifications in the interests of progress reserved.

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Sweeping equipment with 2-broom system (option):

Easily dismountable front vacuum sweeper unit in the driver's field of vision. Pushed broom arms with two hydraulically driven mounts for disc broom Ø 900 mm. Collision protection on the sides and front.

Both brushes can be controlled independently of each other via joysticks for: broom speed 0-120 rpm, broom pressure, sideways swivelling, lifting and lowering. Broom inclination manually adjustable. 2-axis, hydraulic broom head adjustment and performance-enhanced broom drive for weed use on the right optional.

Sweeping equipment 3-broom system (option):

Easily dismountable front vacuum sweeper unit in the driver's field of vision. Trailed broom arms with hydraulically driven mounts for Ø 750 mm disc broom. Collision protection on the side.

Broom speed adjustable 0-120 rpm, swivelling, lifting and lowering together via joystick, automatic sweeping mirror adjustment via swivel range.

Additional hydraulically driven mount for leading brush with third, independent broom Ø 900 mm. Broom speed adjustable 0-120 rpm Can be swivelled to the right or left by reversing the direction of rotation, hydraulic tilt adjustment. Can also be used offset as a leading brush or to extend the working width. Collision protection by pre-tensioned double hinge. 2-axis, hydraulic broom head adjustment and performance-enhanced broom drive for weed use optional.

Suction mouth: Steelsuction mouth guided by rollers with coarse waste flap, can be operated from the driver's seat, width 800 mm. Suction mouth raised from the driver's seat. Mirror for observation of the suction mouth. Different sealing systems optional.

Saugkanal: Ø 200 mm, straight and streamlined.

Suction fan: Multi-blade high-performance centrifugal blower integrated in the container lid, hydraulically driven and infinitely adjustable regardless of engine speed. Automatic speed limitation in ECO mode and with the "Blue Angel" option.

Debris container: Back-top-opening debris container with optimal filling properties made of V2A stainless steel, nominal volume 2.2 m³ (DIN EN 15429: 1,895 / 1,710 l). Hydraulically tiltable up to 45°, emptying height approx. 150 cm. Container lid with wear plate, opening angle approx. 40°. Hand pump for container tipping in case of emergency.

Water system: Fresh water system with electric water pump. Water nozzles for dust binding on the disc brushes and in the suction shaft. Water volume adjustable from the driver's seat.

Plastic fresh water tank 260 litres integrated in the swap frame under waste container, fill level indicator. Circulating water system 200 l for additional dust binding integrated in the tank base (90 l). Can be opened over the entire surface for cleaning. Automatic switching on and off in sweeping mode, service circuit for easy cleaning. Dirty water quick drain.

Electrical system: 12 volt system, battery 12 V 100 Ah, alternator 14 V 105 A. Lighting according to StVZO with separate front headlights for high and low beam, work lights optional, headlight range control, daytime running lights, belt warning function, reversing lights and rear fog lights, signal horn, reversing signal can be switched off, preparation of rotating beacon foldable, trailer socket 13 poles.

Lifts/connections: Front linkage with 2 hydraulic cylinders and floating position. Quick coupling triangle Cat. 0. Lifting force at the coupling triangle 575 daN.

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Dimensions: (information according to DIN EN 15429 where applicable)

Length with broom 2B:	mm	4.970-4.990
Length with broom 3B:	mm	5.240-5.570
Width (without mirror):	mm	1.372
Clearance width bollard (225):mm		1,330
Clearance width bollard (285):mm		1,390
Height (225/75R16C):	mm	2.095
Height (285/65R16C):	mm	2,140
Wheelbase:	mm	2,190
Track gauge:	mm	1.075
Maximum sweeping width 2B:mm		2,500
Maximum sweeping width 3B:mm		2,600
Turning circles basic unit (4WS / 2WS)		
Dwi (225/75R16C)	mm	2,520 / 6,570
Dsa (225/75R16C)	mm	5,530 / 8,750
Dwa (225/75R16C)	mm	6,340 / 9,800

Weights:

Curb weight 2B	kg	3.610
Curb weight 3B	kg	3.710
Incl. driver 75 kg, deviations possible depending on equipment		
Permissible total weight	kg	6,000
Permissible axle load front	kg	3,200
Permissible axle load rear	kg	3,200

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