

*Cleaning Technology
Municipal Technology
Waterjet Technology*

Hako



The new Citymaster 2250
Large format for high efficiency

Powerful. Compact. Multifunctional.

Comfortable – and safe

Spacious, optimally air-conditioned – and safe:
The crash-tested driver's cab with a powerful
air-conditioning concept, intuitive operation and
well-thought-out features for more safety.

*“That's exactly
how I imagine a spacious
workplace!”*

Big!

The driver's cab, designed with the operator in mind,
not only impresses with its generous space, but also
with its possibilities: The interior equipment can be
individually adapted.

XXL performance

More economic efficiency, numerous applications –
thanks to multifunctionality: As a sweeper with
additional benefits, the Citymaster 2250 can also
be used for other tasks and thus be fully utilised.

CITYMASTER 2250

A machine that simply offers more: Space for the operator. Ergonomics at the workplace. Safety in operation. And many possibilities for more economic efficiency. With high-quality components that meet our high demands for quality, durability and robustness. And sophisticated concepts that increase cost-effectiveness and work efficiency.



Citymaster 2250

The all-wheel-drive Citymaster 2250 impresses with more comfort, safety and efficiency in the 6-t class – whether used exclusively as a compact sweeper or as a multifunctional implement carrier for year-round use.



The new freedom

The modified bending radius of the large glazing in the upper area of the windscreen also provides an improved feeling of space and more headroom. Or more comfort during long operations – and more working efficiency.



More space for performance

The control unit with 6-way keypad and rotary pushbutton in the function armrest as well as the 5" colour display increase operating comfort. In addition, the centre console with reduced switch panel and the unified right- or left-hand operation provide a clear view of the implements and the working area. The slimmed-down controls create more space that can be used for optional equipment: for example, an auxiliary seat for a co-driver or a transport box for tools.



Made for the driver: Different seat configurations with comfort and auxiliary seat and with or without storage options not only allow variable use of space, but also give the operator a significant extra amount of space in the cab.

Working with a cool head: The excellent air-conditioning concept enables pleasant working even on hot days. In addition, the new, light-coloured cab roof reduces heat radiation in the head area.

As a further operator benefit, the functional armrest can be configured for use in the centre or as a door control.

Benefits for the operator:

- Maximum freedom of movement
- Individual use of space due to different design variants
- Choice of left or right operation and flexible positioning of the operating armrest
- Particularly good view of the working environment thanks to large-area glazing
- Pleasant temperatures even on hot days thanks to the ventilation and air-conditioning concept and the light-coloured cab roof
- Easy to operate thanks to the optimised operating concept: all functions at your fingertips
- More comfort thanks to the height- and tilt-adjustable steering wheel



AGR quality label:
Awarded for the back-friendly overall machine concept comprising the workplace, the chassis and the quick-change system.



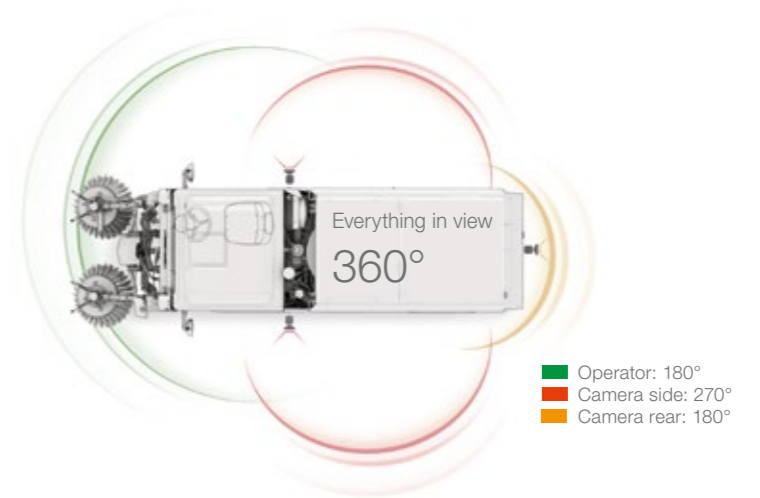
Safe on the road

The use of municipal machines in cities and residential areas repeatedly confronts drivers with challenging traffic situations. Well-thought-out details such as full-surface cab glazing, specifically positioned exterior mirrors, reversing signals and camera systems for an extended viewing angle support the driver in his work and serve to protect passers-by. And the Turning Assistant option is another consistent decision for the greatest possible safety in the work environment.



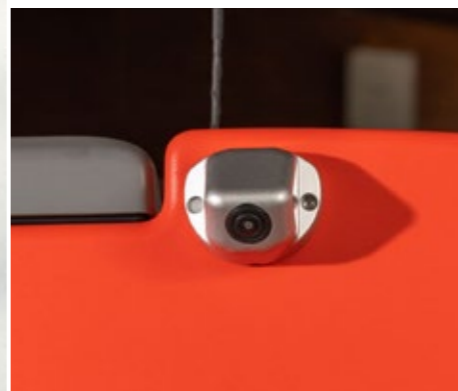
Everything in view

Thanks to large-area glazing and an intelligent exterior mirror concept, the driver has a particularly good view of his working environment and to the rear. The 4-plan mirror system even allows a view of the inter-axle area without panoramic mirrors – and without optical distortion.



You really not miss anything

Optional camera systems allow an up to 270° additional viewing angle without taking your eyes off the work. For all-round visibility even when the view is obstructed by attachments and superstructures, more safety in traffic and less collision damage.



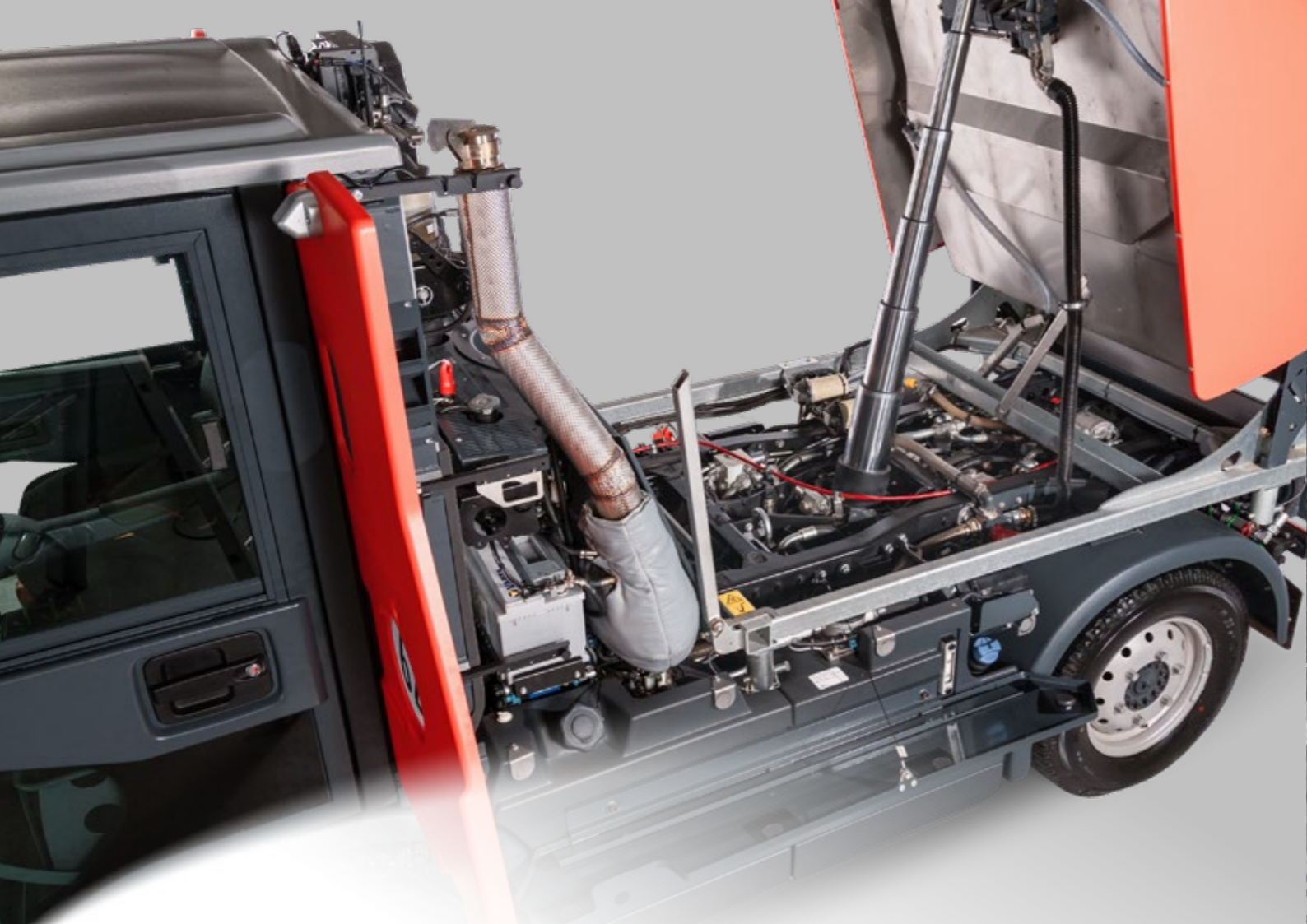
Technology that saves lives

Whether pedestrians, cyclists or motorised two-wheeled vehicles: Systems such as the optional Turning Assistant help to avoid potentially dangerous situations on the road and during municipal operations.

More safety when turning right: The optional Turning Assistant detects cyclists or pedestrians in the blind spot and gives the driver a visual and acoustic warning signal.

Your benefits at a glance:

- Improved visibility of the lower working area
- 4-plan mirror system for visibility to the rear and to the inter-axle area (option)
- 360° view through 270° camera system and Turning Assistant (option)
- Suction mouth camera for checking possible material accumulations (option)
- Heated windscreen for fast defrosting (option)
- Controlled, safe tipping of the hopper via remote control (option)



That lasts!
The new driver's cab is ECE-R29 tested so that the driver can feel safe at all times during work. This means: if the worst comes to the worst, the cab will withstand a frontal collision.



Confident in every situation

Safety begins with the vehicle concept. As early as in the development phase, we are guided by the highest safety standards and define features for all safety-relevant components. These include the driver's cab, the chassis with disc brakes or the integrated ABS. Extensive tests during and after the development phase are a matter of course for us. Just like the high material and manufacturing quality with which we can enable greater safety and durability.



To ensure the safety of the driver in every traffic situation, we carry out safety tests to the highest standards.



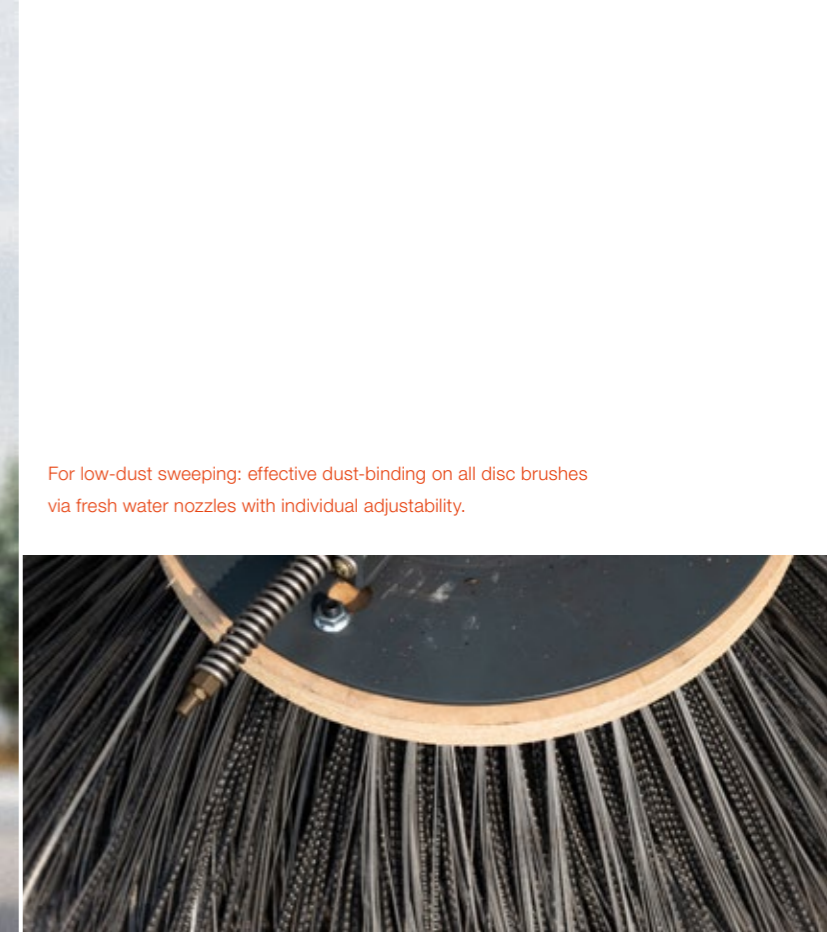
Extremely resilient

The stable, torsionally flexible frame, together with the chassis, enables optimum handling in all operating situations. Highly resilient, elaborately sprung commercial vehicle axles not only ensure the high payload of the Citymaster 2250, they are also a factor for greater driving safety during operation.

The anti-lock braking system ensures safe stopping even on varying road conditions and a stable vehicle position when braking. The hydrostatic ABS also ensures full traction control with hydraulic drive.



This saves time: With a top speed of 62 km/h, the Citymaster 2250 can also use motorways and dual carriageways – travel times from job site to job site are significantly reduced.



Clean at all levels

When sweeping, the Citymaster 2250 convinces with its large 2-m³ hopper. Regardless of whether the sweeping system is 2- or 3-broom, both allow maximum flexibility: The sweeping brooms can easily reach difficult-to access areas. Even the cleaning of traffic islands or areas on different levels can be carried out without any problems.



For reliable and safe results: The roller-guided suction mouth with rubber sealing strips increases the dirt pick-up capacity – and at the same time reduces collision damage and wear. The optional suction mouth camera additionally informs the driver about possible material accumulations.



Powerful: The all-wheel steering enables optimal manoeuvring.



The smooth-surfaced stainless-steel hopper can be emptied quickly and easily and is particularly easy to clean.

Just quickly emptying the hopper

The large, 2 m³ hopper can be filled to 100% – for longer emptying intervals. And when it is full, it can be emptied easily and safely from the driver's seat – or from the outside using the optional remote control for direct monitoring.



6 tonnes easily under control!

Despite a gross vehicle weight of 6 tonnes, the Citymaster 2250 impresses with its easy handling: The true-to-track, symmetrical all-wheel steering makes the vehicle extremely manoeuvrable even in cramped conditions, enabling precise sweeping close to the edge.



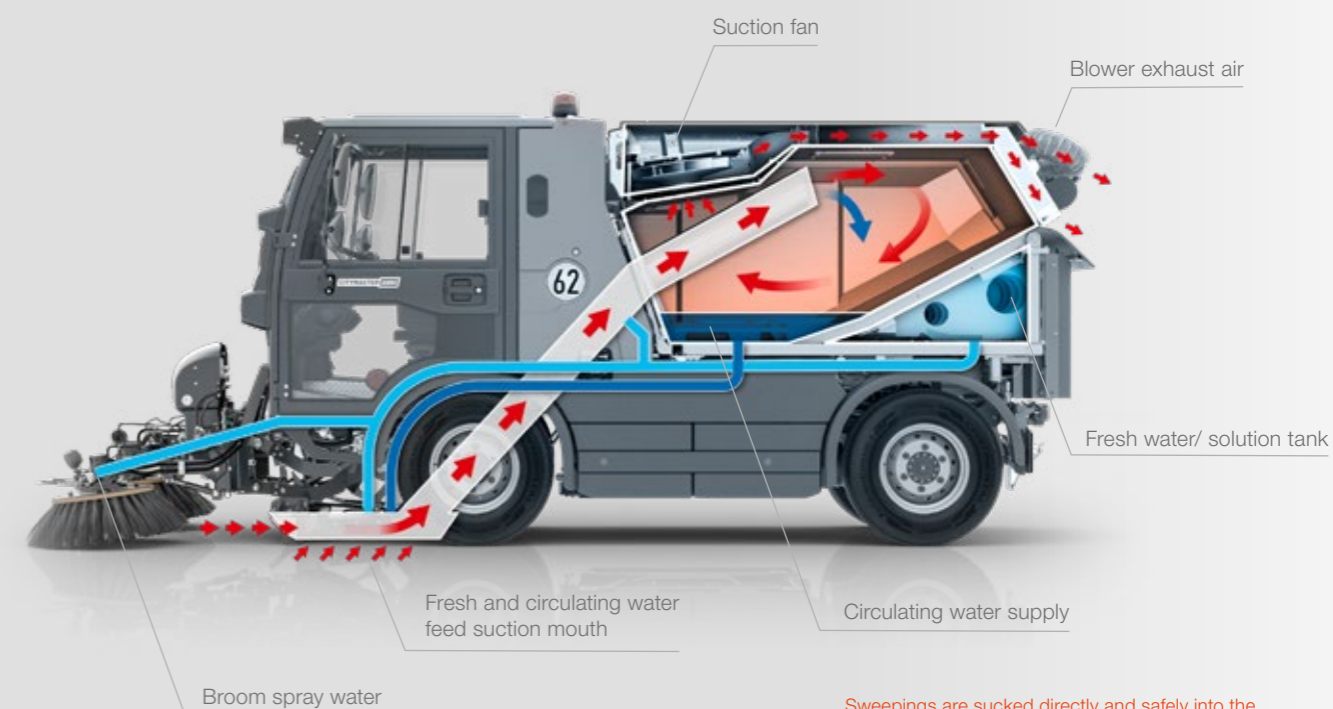
Psssst!

Equipped with Silent brooms, the sweeper can also be used in particularly noise-sensitive areas such as near schools and hospitals – even at off-peak hours and at night!



D = 2.52 m

Great performance, small turning circle: thanks to compact dimensions and all-wheel steering.



Sweepings are sucked directly and safely into the dirt hopper by the brooms via a suction mouth. The suction nozzle moves forward and also backward on rollers. The fresh and circulating water system binds the dust effectively.



Ready for anything

Sweeping, wet cleaning, winter service: Thanks to its design for year-round use, the Citymaster 2250 offers genuine economic efficiency. Thanks to the quick-change system, it can be retrofitted easily and without tools: for example, with a scrub deck for removing stubborn dirt or a snow plough, front sweeper and silo spreader or a brine system to fight snow and ice.



Chemical-free against weeds: with a weed broom for mechanical removal and collection.



Wet cleaning made easy: Equipped with a scrub deck, even stubborn dirt can be removed from smooth surfaces.



Sweeping 2 brooms



Sweeping 3 brooms



Weed broom



Dirt sweeper



Snow blade



Snowplough



Snow sweeper



Sluicing



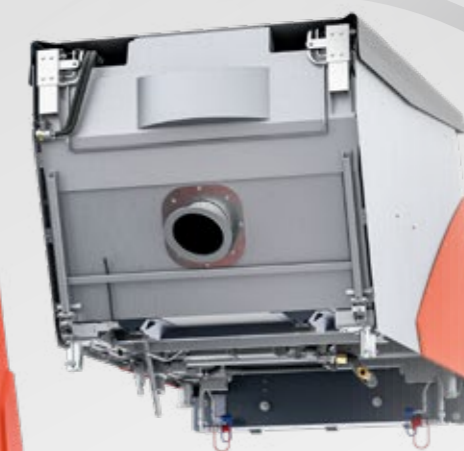
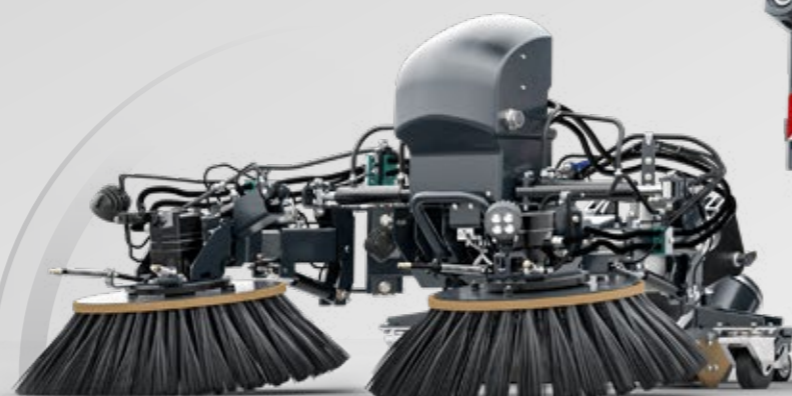
Scrubbing



Leaf vacuum



High pressure washer



Spreader



Brine sprayer



Trailer

Your benefits at a glance:

- More cost-effectiveness: only one machine in optimum design for a wide range of applications
- More flexibility: attachments and superstructures for every cleaning task
- More comfort: quick, easy and tool-free implement change thanks to the quick-change system
- Less effort: significantly reduced configuration time and less training required due to the consistent technical basis



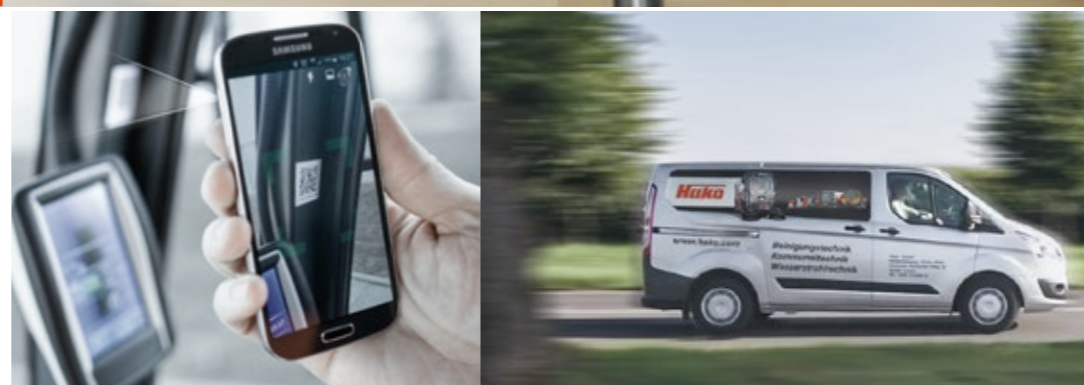
Hako-approved spare parts – here is why:

- Product and service quality from a single source
- Perfectly matched parts for high efficiency
- Safe and reliable operation – guaranteed!
- Cost savings due to minimised downtimes as well as repair and maintenance times
- Full support from top trained Hako service technicians
- Guaranteed compliance with norms and standards



Always ready and available!

To ensure that our machines deliver optimum performance at all times, we are there for you with our Hako Top Service whatever the problem. We offer you the security you need with individual service options and agreements. And in the event of minor faults, a Hako service professional with a fully equipped service vehicle is quickly on site.



Your service benefits:

- Top trained service technicians with fully equipped service vehicles
- Hako-approved spare parts in overnight delivery
- Pick-up and delivery service as well as rental and bridging machines
- Individual service agreements and offers
- Customer proximity with a German-wide network of subsidiaries, authorised dealers and service partners

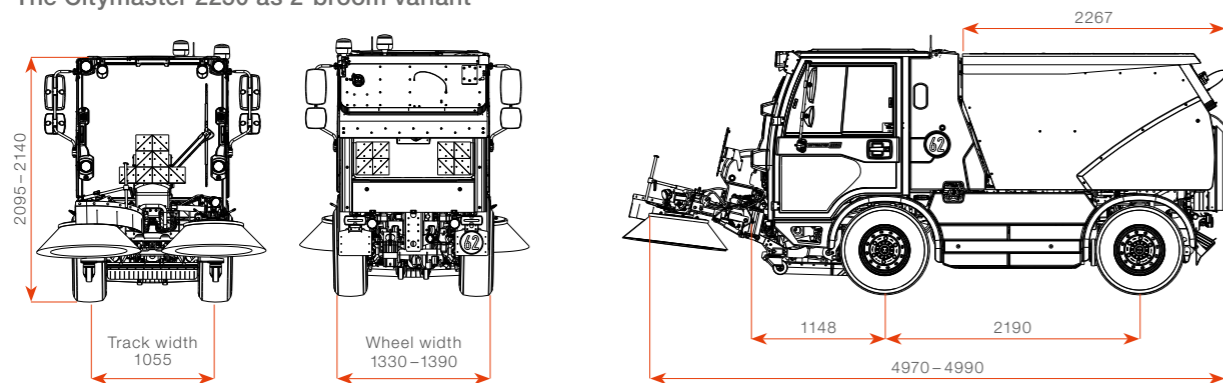
The professionals for your machine

Maximum availability through minimum workshop visits: Regular maintenance and repairs carried out exclusively by experienced and trained service technicians in modern workshops in our subsidiaries, at our authorised dealers and at authorised Hako service partners.

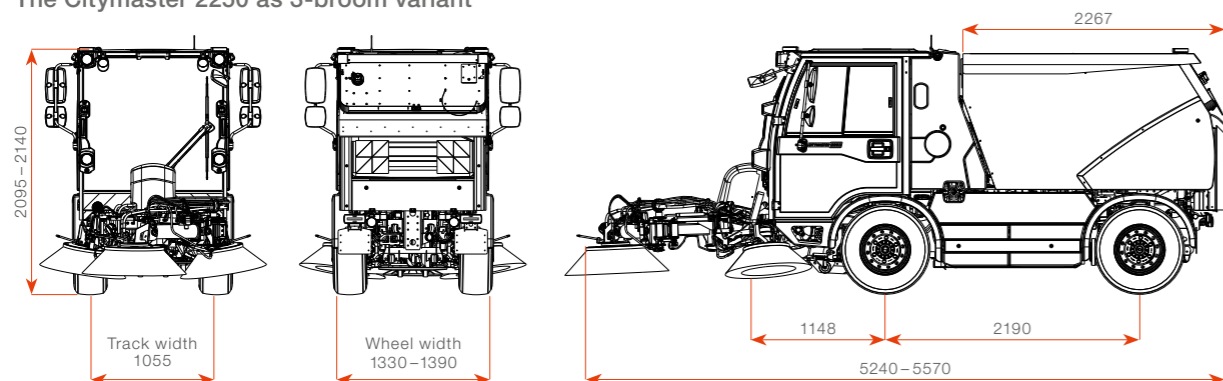


Technical data

The Citymaster 2250 as 2-broom variant



The Citymaster 2250 as 3-broom variant



		Citymaster 2250 2B	Citymaster 2250 3B
Engine and drive	Engine	<ul style="list-style-type: none"> VM R754 EU6 D3 four-cylinder turbo diesel according to Directive 595/2009/EC EURO VI Intercooler Diesel oxi-cat, particulate filter, SCR catalytic converter, tank capacity 65 l 	
	Displacement/power	<ul style="list-style-type: none"> 2,970 cm³/80 kW (109 hp) at 2,600 rpm 	
	Max. torque	<ul style="list-style-type: none"> 420 Nm at 1,100 rpm 	
Driving and working characteristics	Traction drive	<ul style="list-style-type: none"> Fully hydraulic traction drive, rear-wheel drive, selectable all-wheel steering Differential lock optional 3 operating modes: transport travel with automatic speed and load control, work travel with constant speed, offset travel mode with constant speed, transport travel up to 62 km/h Standard steering reverse travel up to 25 km/h, all-wheel steering work travel up to 15 km/h, all-wheel steering reverse travel up to 10 (25) km/h 	
	Working drive	<ul style="list-style-type: none"> Load-sensing high-pressure hydraulics with variable power distribution 3 power levels: ECO/STANDARD/MAX available at the push of a button Blower with engine-dependent speed control Additional functions via optional multi-purpose package 	
	Implement connection points	<ul style="list-style-type: none"> Quick-change triangle cat.0 front, ball change system rear 	
	Frame, chassis, brakes	<ul style="list-style-type: none"> Utility vehicle ladder frame with 2 steering axles, coil springs with shock absorbers Stabiliser on rear axle, 4 mounting points for standard lifting platform 2-circuit brake system with 4 disc brakes and brake booster ABS coupled to hydrostat, variable hydrostatic braking force, independent mechanical parking brake, acting on rear axle 	
	Wheels and tyres	<ul style="list-style-type: none"> Standard tyres 225/75 R 16C Wide tyres 285/65 R16C 	
	Cab	<ul style="list-style-type: none"> 2-seat comfort cab with occupant protection test according to ECE-R 29 2-way adjustable steering column Comfort seats, 3-point safety belt Comfortable 1-hand operation of all sweeping functions 1-button operating system starts all sweeping functions simultaneously Automatic storage of all operating parameters 	
Sweeping system	<ul style="list-style-type: none"> 2 brooms 900 mm Working width up to 2,500 mm Suction mouth 800 mm on rollers 	<ul style="list-style-type: none"> Feed broom 900 mm 2 basic brooms 750 mm Working width up to 2,600 mm Suction mouth 800 mm on rollers 	
Dirt hopper	<ul style="list-style-type: none"> Stainless steel V2A dirt hopper 2.2 m³ Gross capacity 1,895 l Effective hopper capacity 1,710 l 		
Dimensions and load values	Length/width/height*	4,970-4,990/1,330-1,390/2,095-2,140 mm	5,240-5,570/1,330-1,390/2,095-2,140 mm
	Wheelbase/ track width	2,190 mm/ 1,054 mm	
	Gross vehicle weight	6,000 kg	
	Permissible axle loads	3,200 kg/3,200 kg	
	Unladen weight**	3,610 kg	3,710 kg
	Payload***	up to 2,390 kg	up to 2,290 kg

We reserve the right to make changes to shape, colour and design in the interest of further technical development. Illustrations may contain optional equipment. Services and products may vary from country to country. Data according to EN 15429 1-4, where applicable.

* Width: without exterior mirrors; height: with standard tyres

** Unladen weight: standard machine without optional equipment/extras.

*** Payload: optional equipment/extras may reduce the payload.



Economical right from the start

Hako-Fleet-Management

Hako's online-based fleet management system records all important key data of the machines in use and processes them centrally. The information can be accessed at any time via your PC or mobile device. view.X enables the economical use and management of your machine fleet. In addition, view.X.live transmits important operating data almost in real time. The optional electronic machine access authorisation entry.X only allows authorised users to use the machine.



Attractive financing alternatives

High-performance machines and excellent service in a complete package with fixed calculable costs over the entire period of use. Tailored to your individual needs and with maximum flexibility.



Leasing options – customised to meet individual customer requirements.

Rental contract ALL-IN-plus: financing, maintenance and insurance included!

Hire-purchase – customised monthly payments in line with your liquidity.

Adapt your rental payments to your seasonal earnings.

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Blue Competence is an initiative of VDMA (www.vdma.org). By engaging in this partnership, we are committed to comply with the twelve sustainability principles applied in the field of mechanical and system engineering (www.bluecompetence.net/about).