

*Cleaning Technology
Municipal Technology*

Hako



Citymaster 650

Designed to provide maximum flexibility

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More freedom

Compact, highly maneuverable, economical: for optimal results – even on footpaths and in confined areas.

The professional machine for urban areas

More flexibility

365 working days a year: through multifunctionality and a wide range of attachments and superstructures for any kind of seasonal challenge.

More comfort

Made for the operator: spacious and ergonomic workplace, easy-to-learn operating concept and a back-friendly quick-change system.

The Citymaster 650

The basic version of the Citymaster 650, designed as a compact implement carrier, already sets new standards: for example with articulated steering, permanent all-wheel drive with a fully electronic control system and extensive features providing increased comfort and safety at work. Thanks to its multifunctional design, the Citymaster 650 can be retooled quickly and easily, for example as a professional sweeper or an efficient snow plow for winter service tasks, which makes this machine not only extremely versatile in use but also particularly economical as it provides multiple application options.

Sustainably on the road

Reduces fuel consumption and emissions

The Citymaster 650 meets the emission limit requirements of the Stage V Exhaust Emission Standard. Clever details such as the energy-saving drive control system and three different performance levels reduce the machine's fuel consumption both in work mode and during road travel.



Adapts perfectly to its surroundings

Urban furniture, flower beds and narrow passages are obstacles we often see in public areas. With its small turning circle of only 55 in. and independently controlled sweeping units, the Citymaster 650 overcomes these obstacles easily. Even curbs as high as 6 in. are no problem at all for this machine thanks to its permanent all-wheel drive with fully electronic control system. When working in ECO mode, a standard feature which is not only good for the environment but also for applications in noise-sensitive areas, the Citymaster 650 works at 85 % of its maximum performance capacity and saves up to 40 % of fuel. The extended sound insulation package, available as an option for the basic unit, reduces noise emissions even further.



Multipurpose use through multifunctionality

The Citymaster 650 is a versatile implement carrier and professional sweeper all in one. Thanks to four attachment interfaces allowing the combined use of different attachments and superstructures, the machine can carry out a wide range of additional tasks: for example winter service, green area maintenance or wet cleaning tasks. You only need one machine instead of several special vehicles – which is both more efficient and economical.

Sweeping
Weed removal
Mowing
Wet cleaning
Snow clearing
Spraying



Transport
Pick-up
Gritting

Gritting
Pulling
Spraying



Sweeping



Wet cleaning



Green area
maintenance



Winter service



Transport



Sweeping
2 brooms



Scrubbing



Mowing +
discharge



Snow blade



Tipper



Sweeping
3 brooms



Sluicing



Mowing +
collecting



Snow plow



Lattice box



Weed broom



High pressure
washer



Flail mower



Snow sweeper



Trailer



Dirt sweeper



Watering arm



Thermal weeding



Snow blower



Skip loader



Leaves collecting



Reflector post
washing



Hedge trimmer



Spreader



Lifting platform



Leaves blowing



Shredder



Brine sprayer

Quickly ready for use:
Thanks to the quick-coupling triangle
allowing easy and back-friendly
changing of attachments without
the need for tools.



Four seasons – one Citymaster!

Each season comes with different challenges for Municipal Technology products. Hako masters each challenge with consistent multifunctionality. You only need one machine to carry out almost any task – 365 days a year. At Hako, we call it “One for All”. And our customers say: the right machine for every application.



Green is in:

As a versatile implement carrier, the Citymaster 650 is always in season. Changing the attachments only takes minutes, which allows for several different applications to be carried out in just one day: for example maintaining green areas in the morning and sweeping paths in the afternoon – all with one and the same hopper. For superior cleanliness and economic efficiency in every season.

The lawn specialist

In combination with different mowers, grass collecting systems and flail mowers, the Citymaster 650 ensures flexible use for green area maintenance tasks in the gardening & landscaping sector. Together, the large universal hopper and the Citymaster 650 equipped with a mowing/suction attachment combo form a powerful team for efficient green area maintenance. Thanks to the central suction system, working close to curbs and edges is possible on both sides of the machine.





A smart
choice



The winter specialist

Especially in the cold season, the Citymaster 650's excellent maneuverability, ease-of-use and high transport capacity come into full effect. Thanks to the front attachment system providing the flexible use of a wide range of different attachments, the Citymaster 650 ensures clear roads and paths in the winter: with a front sweeper for reliable snow sweeping or different snow blades and a snow blower for safe snowplowing. In addition, the machine efficiently fights black ice: with a cylindrical gritter for footpaths, a combo gritter for larger areas, or a brine spraying system.

Technical data

		Technical data basic vehicle Citymaster 650
Engine and drive	Engine	<ul style="list-style-type: none"> Water cooled 3-cylinder industrial diesel engine 1.6 liter DOC and DPF, output 25.5 kw at 2,630 rpm Common-rail direct fuel injection, tank capacity 10.83 gallons Engine status below the limit values according to the emissions standard Horse power – 34.2HP
	Ground drive	<ul style="list-style-type: none"> Traction-and energy-efficiency-optimized hydrostatic ground drive. Permanent all-wheel drive Drive control system with automatic load control in transport mode
	Hydraulics	<ul style="list-style-type: none"> High pressure hydraulics with variable output 1 hydraulic circuit at the front, 1 hydraulic system at the rear
Driving and working characteristics	Speed	<ul style="list-style-type: none"> Driving speed 0-15 mph Reversing 0-7.4 mph
	Steering and chassis	<ul style="list-style-type: none"> Hydraulically steered, articulated 4-wheel chassis, steering angle 53 inches Robust articulated joint with integrated pendulum compensation and roll stability control system
	Brake	<ul style="list-style-type: none"> Hydrostatic brake acting on all four wheels, service brake at the rear Mechanical parking brake acting on the rear wheels
	Cabin	<ul style="list-style-type: none"> 1-seater comfort cabin with comfort driver's seat and operating panel integrated in the armrest Central display shows all machine functions, adjustable steering column Hot-water heating and air conditioning Frame doors with sliding windows Foldable wing mirrors, adjustable from inside the cabin
Load data	Empty weight	<ul style="list-style-type: none"> 1,430 kg/3,153 lbs. (implement carrier) 1,780 kg/3,924 lbs. (sweeper)
	Water capacity	<ul style="list-style-type: none"> 150 liter/40 gallons
	Permissible values	<ul style="list-style-type: none"> Total weight 2,200 kg/4,850 lbs. Axle load 1,200 kg/2,646 lbs. Front/Rear 1,500kg/3,307 lbs.
Dimensions	Height Weight Length	<ul style="list-style-type: none"> 1,980 mm/77.5 inches 1,090 mm/43 inches 3,900 mm/154 inches
	Wheelbase	<ul style="list-style-type: none"> 1,270 mm/50 inches
	Track width	<ul style="list-style-type: none"> 866 mm/34 inches
	Inner turning radius	<ul style="list-style-type: none"> 1,390 mm/55 inches
	Hopper load	<ul style="list-style-type: none"> 500 kg/1,102 lbs.
	Hopper volume	<ul style="list-style-type: none"> 997 liters/ 1.3 cubic yards/263 gallons
	Dump height	<ul style="list-style-type: none"> 143 cm/56 inches

Form, color and design of our products are subject to alterations in favor of further technical development. Pictures may show optional equipment.

