

*Cleaning Technology · Municipal Technology*

**Hako**  
*Clean ahead*



## **Citymaster 1650**

*Multifunctional outdoor cleaning machine  
in the 3.5-t class*

*Functional, economical and efficient*



**New!**

Increased working comfort in all conditions:  
Provided by our new 2- or 3-broom comfort  
sweeping technology.

## **Citymaster 1650**

*The multifunctional pro*



**Highly manoeuvrable:** With the smallest turning circle in its class, the vehicle ensures excellent manoeuvrability.



**Extremely compact:** Thanks to its slim design, the Citymaster 1650 is ideal for working in confined spaces.

### **The benchmark in the 3.5-t class**

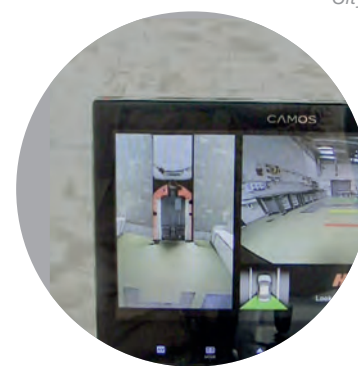
The new Citymaster 1650 offers all the benefits and application options of a larger sweeper by taking full advantage of the Class B driving licence range – and the vehicle can also work on footpaths. Thanks to its directionally stable, articulated steering, the smallest turning circle in the 3.5-t class and permanent all-wheel drive, the vehicle

can access almost all areas. And what's more, a comprehensive range of new features provides increased working comfort, safety and efficiency – no matter whether the machine is used exclusively as a sweeper or as a versatile implement carrier for all-season municipal applications.



## Working in the fast lane

The Citymaster 1650 stands for versatility in Municipal Technology. Even footpaths with high kerbs are no problem at all – neither for the Citymaster nor for the driver, thanks to the vehicle's full-suspension chassis. In addition, the driver benefits from both increased driving and operating comfort as well as high levels of safety, provided by sophisticated features such as the adjustable steering column or advanced coding technology for the attachments.



**Safe:** The camera system widens the driver's viewing angle by 270°.

**Improved ergonomics:** Extended seat options, foot pedals with improved ergonomics, steering wheel with two adjustment options.



**Brighter:** Full LED lighting system with a high luminous efficacy and LED work lights for the brooms, the suction duct and the rear end of the cabin.



## Ergonomic, back-friendly, safe

The cabin of the Citymaster 1650 offers an excellent workplace for the driver – independently certified and recommended by AGR e. V.! In addition, coil springs, shock absorbers and stabilisers as well as the vehicle's intelligent drive control and disc brake systems provide high levels of safety.

### Technical data Citymaster 1650

Engine (type / exhaust gas purification)	Diesel, 55 kW / DOC, DPF
Drive (type / formula / Vmax.)	Hydrostat / 4x4 / 40 km/h
Exhaust emissions (standard)	2016/1628, stage V
Interfaces / attachment points	Quick-change system / 3
Hydraulics (work circuits / summation max. l/min / bar)	2 / 100 / 225 / 195
Sweeper (dirt hopper / working width)	1,350 l / 2,250 mm
Dimensions basic vehicle (L x W x H)	3,830 x 1,210 x 1,970 mm
Weights basic vehicle (GVW / payload max.)	3,500 kg / 1,465 kg
Driving licence	Class B



**Class B**  
driving licence







**Full flexibility for increased economic efficiency:** Thanks to a wide range of attachments and superstructures that help you to master every season's particular challenges.

## *Multifunctional – all the way*

The Citymaster 1650 can do much more than carrying out professional sweeping tasks: Designed as a multi-functional implement carrier and equipped with a powerful and particularly efficient hydraulic attachment drive, there are virtually no limits to the vehicle's application options. It can be used, for example, to perform winter service tasks, which ensures efficient year-round capacity utilisation – for increased economic efficiency in Municipal Technology.



**Can easily reach the next level:**  
The additional broom provides simultaneous cleaning on different levels.



**Quickly re-tooled:**  
One person alone can change the attachments or superstructures – without the need for tools or a workshop and without any loose parts to be dealt with before or after. Back-friendly, easy and safe.





**Comfortable weed control:** Thanks to the weed broom in combination with subsequent sweeping.



**Powerful against ice and snow:**  
The wide range of attachments available allows flexible adaptation to different snow and weather conditions.

**Mowing-suction combi unit with universal hopper:** Mows lawns, maintains road-side greenery and works close to kerbs and edges on either side.

**Always the perfect combination**

Three attachment points allow different combinations of attachments and superstructures. For even more application options.



**Transportation  
Collection**

**Sweeping  
Weed control  
Mowing  
Wet cleaning  
Snow clearing  
Gritting**

**Gritting  
Towing**



## *Economically profitable cleaning*

Buying? Renting? Leasing? Hako Finance offers clients interesting customised options to finance their machines. Our procurement alternatives include special financing models that are optimally adapted to suit both seasonal and project-based requirements. Or all-inclusive solutions offering financing, maintenance and insurance all from a single source.

Yet another clean solution made by Hako.



Leasing options  
customised to meet  
individual customer  
requirements.



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



Adapt your rental  
payments to your  
seasonal earnings.



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





## *Service you can rely on*

Our sales and service organization is one of our biggest plus points. We are always in your close vicinity, offering qualified expert advice and reliable service. All around the clock. To ensure trouble-free operation – and to give you a good feeling



We have a dedicated team of technical support personnel to help you with your technical needs



Every day and all around the clock – our service technicians are available when needed.





**Hako**  
Clean ahead

### Always clean ahead

We continuously develop our solutions further in order to ensure that they meet the requirements of tomorrow. We do so in close operation with users, always in line with current trends and by considering the demands of the future. This is why we drive the research and development activities we carry out in our own R & D facilities more and more towards both efficiency-enhancing and Eco-friendly measures as well as other important topics of the future, such as electromobile solutions or digitized processes.



### We are also active in the field of Cleaning Technology

The demands placed on contract cleaners when it comes to the professional cleaning of buildings and outdoor facilities are just as extensive as the range of suitable products we offer our customers: from sweepers and vacuum sweepers to scrubber-driers and combi machines.

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