

Hako-Citymaster 2000

Professional Solutions

- The Hako-Citymaster 2000 has been designed as a professional compact sweeper with functional extension to all year round use. It sets new standards in terms of function, driver comfort as well as economic and environmental benefit.
- The 2 m³ (nominal) stainless steel and easy to clean hopper with the performing fan with variable suction performance integrated in the hopper lid provides the basis for any sweeping task to be performed at high level. An effective dust control system based on fresh and recirculation water keeps dust emissions at bay.
- Sweeping is done by either a standard 2-brush system or by a 3-brush system with extended reach, both fully equipped with fresh water spray nozzles for dust control at the brushes. Dirt is picked up by a wide suction nozzle with driver controlled flap opening in case larger debris or larger quantities are to be picked up.
- Propelled by a powerful but economic and environmentally friendly diesel engine, Hako-Citymaster 2000 provides a solid basis. Front steering in travel mode and 4-wheel-true-track-steering in work mode provide safe road travel at maximum speed of 50 km/h as well as most flexible handling of restricted areas during work.
- The comfortable drivers cabin provides space for two. A wide range of comfortably suspended seats together with adjustable steering column allow to match any drivers requirement.
- Heater with multi-stage blower, heated front windscreen and air condition as a standard provide comfortable temperatures and clear windows all year round.
- Sliding side windows for individual fresh air intake and rear view mirror control. Noise, vibration and thermal insulation of cabin.



Optional rear and front camera assisted view from vehicle end and to brush system/suction nozzle.

- Sweeper functions are controlled by easy to handle joysticks directly at hand including close by switches for central functions of sweeper. Multifunction display for machine data control and information of driver.



Hako-Citymaster 2000 2 B

2-Brush-System

The Hako-Citymaster 2000 2-brush system provides a sweeping width of up to 2.50 m together with full and separate control of each brush. This is the set-up for all those applications where high flexibility and individual handling of the brushes is required for most precise cleaning – from wide to narrow width – from even to shaped surface.

- Brush control extends on the functions of brush speed, brush position and brush pressure – to be set individually for each brush. The 2-brush system, as an add-on benefit, allows cleaning out parking lots or dead ends to the corners by sweeping in the reverse.

Brushes are put together and with the comfortably to operate reverse drive function, machine reverses and takes the dirt with it.

- The patented collision protection system allows escape of the brushes in 3 directions (frontal and lateral to both sides) as to reduce costs of collision damage.

For extension of use, optionally an alternative brush equipment for right hand side brush is available with extended hydraulic function for brush adjustment and increased hydraulic motor power.



Brush can so be tilted in 2 additional directions to even better adjust to sweeping surface as required e.g. on strongly shaped gutters or for mechanical weeding.

- Together with the 4-wheel-steering-system, the 2-brush-system on Hako-Citymaster provides highest performance for any cleaning task taking place on multi-shaped but single-level areas.



Hako-Citymaster 2000 3 B

3-Brush-System

- The Hako-Citymaster 3-brush-system provides a sweeping width of up to 2,6 m with 2 base brushes to feed the suction nozzle and an additional 3rd brush with extended reach and direct control by the driver. This is the set-up for all those applications where the machine is strolling along comfortably in one direction and the 3rd broom brings close all the dirt – might it be left or right hand, or even down from a higher level.
- Control of the base brushes is limited to adjustment of working width towards the suction nozzle and broom speed whereas the 3rd broom with larger diameter can be fully controlled in speed, position and pressure. Reversing the brush turning moves the brush to the other vehicle side.
The 3rd brush can be moved to a level different to vehicle level of 250 mm to clean traffic islands or elevated walkways.
- The base brushes are collision protected and swing in and return back from underneath the vehicle automatically.
The 3rd brush too has an extensive and automatic damage protection system to prevent from excessive costs after collision.



- For extension of use, optionally an alternative brush equipment for 3rd brush is available with extended hydraulic function for brush adjustment and increased hydraulic motor power. Brush can so be tilted in one additional direction to even better adjust to the sweeping surface as required e.g. on strongly shaped gutters or for mechanical weeding.
- Together with the 4-wheel-steering-system, the 3-brush-system on Hako-Citymaster 2000 provides highest performance for any cleaning task taking place on multi-shaped and even two-level areas.



Hako-Citymaster 2000

Technical Data

Engine:

Volkswagen 2,0 Common-Rail Diesel Engine with maintenance free particle filter. 75 kW (102 PS).
Complies to EURO5 EEV standard.
Engine speed in work mode adjustable from 1.600-2.300 rpm.
Automotive engine speed up to 3.000 rpm in transport mode.
Fuel tank 50 l.

Drive/Transmission:

Hydrostatic drive system with reduction gear box and electronic control, 2-stage hydraulic drive system. Rear axle drive with differential lock (option).

Drive Performance:

Transport mode 0 – 50 km/h // R : 0 – 25 km/h
Relocation mode 0-25 km/h // R : 0 – 15 km/h
Work mode 0-15 km/h // R : 0 – 15 km/h
Winter service* : 0 – 45 km/h // R : 0 – 25 km/h
*(optional)

Chassis and axles:

Welded frame chassis with helical spring suspended axles, Panhard rod, hydraulic shock absorbers. Front wheel steering in transport mode, 4 wheel true-track steering in work mode.

Tyres:

Standard tyres 215/70 R 15C, other dimensions or low pressure tyres available

Brake System:

Hydraulic Dual Circuit brake system with load sensing system.
Mechanical park brake on rear axle.

Cabin:

2 seater full comfort space frame cabin, comfort seat, heating and air condition system, tinted safety glass windows. Sliding windows in doors.

Sweeping Gear:

2 m³ nominal (EN 15429: 1.480 l) stainless steel hopper, tipping angle 45°, tipping height 1.450 mm. Integrated radial suction fan with exhaust airflow directed via hopper lid. Suction line 200 mm. Recirculation water system 160 l, fresh water system 330 l
2-brush system: 2 front mounted brushes 900 mm, max. sweeping width 2.500 mm
3-brush-system: 2 front mounted base brushes 750 mm, 3rd brush 900 mm, max. sweeping width 2.600 mm

Dimensions and weights*

*May vary according to individual setup

Length (with brushes)	mm	4.550/4.860
Width	mm	1.300
Height	mm	1.999
Unladen weight*	kg	3.075/3.135
Max. laden weight	kg	4.500-5.000
Wheelbase	mm	1.900

We reserve the right to alter form, colour and design in the interests of technical progress. Pictures may contain optional or special equipment.

Everything speaks for Hako:



Cleanliness with safety.

Hako machines adhere to strict quality regulations/standards - "Quality made in Germany".
We also take care of what we sell - world-wide.

Sales, hire, leasing, rental.

With Hako, you can plan your capital expenditure on a completely individual basis. You can enter into short-term, medium-term or long-term agreements with regard to machine usage.

We are there for you day and night.

Round-the-clock service and express spare parts delivery - order today and have the parts tomorrow! So you can get on again as quickly as possible.

Close to you, wherever you are.

The unsurpassed, close knit Hako sales and service network means we are always close at hand - a bonus when you need us. Convince yourself.

Hako
Clean ahead

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