

***Hako***  
Clean ahead

# Hako-Citymaster 90



For A  
Cleaner City

City  
Cleaning

# Hako-Citymaster 90

## There's a lot to do in the city.

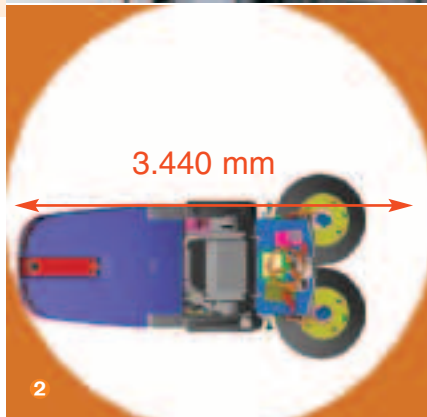
With the Hako Citymaster 90 you can ensure quick, economical cleanliness – all whilst seated comfortably. Even in restricted applications the Hako Citymaster 90 is in its element and in such areas it shows all its power and efficiency.



# Compact, extremely manoeuvrable, perfect disposal

The Hako Citymaster 90: considerably larger sweeping performance when compared with manually operated machines thanks to the higher working speed as well as larger sweeping width. Result: considerably more economical.

- Excellent price/performance ratio and cost effectiveness with very low machine life costs.
- Only driving licence class L required, no MOT equivalent examination, no motor vehicle tax.
- The modern, ergonomically optimized workplace guarantees fatigue-free operation.



- All operating elements are within direct reach and view. As a result of the excellent view of the large plate brushes and the suction mouth, trouble-free operation is guaranteed every time ①
- Low specific ground pressure, which protects floor surface thanks to the large low-pressure tyres and low unladen weight.
- Highly manoeuvrable: as the result of a new type of hydraulic rear wheel steering the Hako Citymaster 90 has an extremely small turning circle ②
- Depending upon the application conditions, various types of bristles are available. Brush revolutions and pressure can be adjusted separately.

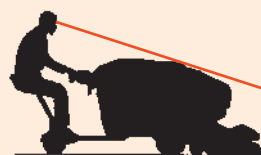
- With the hand held suction hose even areas which are difficult to access can be reached such as e.g. under benches and in borders. ③
- The dirt hopper (volume 120 l) can be emptied via hydraulic high dump directly into standard containers or rubbish bins – and all this is carried out at the flick of a wrist. ④



- With a climbing ability of 20% the Hako Citymaster 90 ensures an excellent level of cleanliness even in underground car parks or multi-storey car parks. ⑤
- Optimum visibility of the working area, suction mouth and large plate brushes. ⑥



- ⑥ Considerably better visibility than other common makes.





# Hako-Citymaster 90

## Technical Data

**Engine:** Particularly environmentally friendly industrial 2-cylinder diesel engine. Water-cooled with closed cooling system. Cubic capacity: 686 ccm. Performance revolutions adjusted. 9.7 kW (13.2 hp) at 2,700 rpm. Maximum torque: 40 Nm at 2,200 rpm. Large volume air filter. Fuel tank 20 litres.

**Drive:** 1 stage hydrostatic drive acting on the front wheels. Infinitely variable drive speed regulation as the result of the twin pedal operation with automatic return setting and dynamic braking. Speed range: 0 to 8 km/h.

**Chassis and Steering:** Robust square tube framed chassis. Particularly easy, smooth, fully-hydraulic rear wheel steering. Steering lock 60° to each side.

**Tyres:** Front wheels: 23 x 8.50 – 12, rear wheels: 18 x 7.00 x 4PR.

**Brakes:** Dynamic braking system via hydrostatic drive, additional manual parking brakes acting on the front wheels.

**Driver's Workplace:** Single-seater machine equipped with air sprung, adjustable driver's seat. All operating elements ergonomically designed and arranged. Storage areas for personal belongings. Display for radiator temperature, charge indicator, engine oil pressure, control light for drive direction indicator, pre-heat period.

**Sweeping System:** Front mounted sweeping unit with two plate brushes, Ø 720 mm, hydraulically driven. Brush revolutions 100 rpm (option: adjustable 0-100 rpm). Working width mechanically adjustable. Brush angle can be adjusted individually. Adjustable water spraying device on both plate brushes (via dosage) from driver's seat.

**Suction Mouth:** Robust, steel suction mouth on castors – with flap for large debris, which can be operated from driver's seat.

Suction mouth width 440 mm. Hydraulic suction mouth lift operated from driver's seat.

**Suction Channel:** Ø 180 mm, straight and designed to be favourable for airflow. Air regeneration system to suction mouth. Water spraying device to bind dust for dust control.

**Suction Blower:** Multi-bladed high performance compressor radial blower, hydraulically driven, 2,200 rpm. Noise damped. Filter system for high degree of separation and electric shaker device.

**Hand suction hose: (Option):** Length 3m, Ø 120 mm. Hooked onto the machine and can be swivelled easily.

**Dirt Hopper:** Hopper with hydraulic high dump, 120 l useable volume. Tipping height 1.29 m, sufficient for standard rubbish bins or 1,100 l containers.

### Dimensions and Weights:

|                                |    |       |
|--------------------------------|----|-------|
| Length with brushes            | mm | 2.500 |
| Width                          | mm | 1.100 |
| Height                         | mm | 1.530 |
| Unladen weight                 | kg | 880   |
| Maximum laden weight           | kg | 1.300 |
| Wheelbase                      | mm | 1.420 |
| Track width                    | mm | 892   |
| Kerb climbing ability          | mm | 130   |
| Maximum sweeping width         | mm | 1.750 |
| Inner sweeping radius, approx. | mm | 410   |

In the interest of technical development we reserve the right to alter equipment without prior notice.

## Everything speaks for Hako:



### Cleanliness with safety.

Hako machine adhere to strict quality regulations/standards – "Quality made by Hako". 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.

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Hako-Werke GmbH  
Hamburger Straße 209-239  
D-23843 Bad Oldesloe  
Telephone: (0 45 31) 8 06-0  
Telefax: (0 45 31) 8 06-3 38  
e-mail: [info@hako.com](mailto:info@hako.com)  
[www.hako.com](http://www.hako.com)

