



# Hako-Citymaster 300

## Technical Data

**Engine:** Particularly environmentally-friendly industrial 3-cylinder diesel engine. Water-cooled with closed cooling system. Cubic capacity 1028 ccm. Performance revolutions adjusted. 16 kW (21.7 hp) at 2,800 rpm. Maximum torque: 59 Nm at 2,200 rpm. Large volume Piclon air filter.

**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 16 km/h.

**Steering:** Particularly easy, smooth, fully-hydraulic articulated steering. Steering lock 42° to each side.

**Tyres:** 4 wheels: 23 x 8.50-12 4 PR. Kerb climbing ability up to 130 mm.

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

**Driver's Cab:** Single-seat comfort cab, available in 3 versions. All operating elements ergonomically designed and arranged. Heat insulated glazing made of safety glass. Adjustable, folding wing mirrors, left and right. Storage areas for driver's personal belongings.

### Equipment Versions:

Equipment version BASIC: basic machine with cab, full glass doors, heating, driver's seat mechanically sprung.

Equipment version CLASSIC: basic machine with cab, door frames with sliding glass windows, heating, driver's seat pneumatically sprung, radio preparation.

Equipment version COMFORT: Like the Classic version, in addition with air conditioning, steering column adjustment and acoustic reverse warning signal, which can be switched off.

**Sweeping System:** Front mounted sweeping unit with plate brushes within the driver's field of view. Suction mouth protected against

collisions, located between the wheels. Two plate brushes Ø 720 mm, hydraulically driven. Brush revolutions adjustable 0-105 rpm. Working width mechanically adjustable. Adjustable water spraying device on both plate brushes (via dosage).

**Suction Mouth:** Robust suction mouth on castors – with flap for large debris, which can be operated from driver's seat. Suction mouth width 420 mm. Additional water feed / spray at the suction mouth for dust control.

**Dirt Hopper:** Pick up device for all standard 240 l rubbish bins. Hydraulic quick change device.

**Water System:** Clean water system with electric water pump. Water nozzles for dust control on the plate brushes, in the suction mouth and in the suction channel. Clean water container approx. 150 litres made of synthetic material with filling level display.

### Dimensions and Weights:

Length with brushes	mm	3.150
Width	mm	1.110
Height	mm	1.980
Unladen weight a/c to German StVZO	kg	1.420
Maximum laden weight	kg	1.750
Wheelbase	mm	1.200
Track width	mm	890
Kerb climbing ability	mm	130
Maximum sweeping width	mm	1.600
Clean water tank	l	150

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.

**Hako**  
Clean ahead

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Clean ahead

# Hako-Citymaster 300



For A  
Cleaner City

City  
Cleaning

# Hako-Citymaster 300

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

Those people, who thought that up to now all reserves for cost reduction and increases in efficiency had been exhausted, when it comes to the sweeping of outdoor areas, are mistaken. Hako Citymaster 300, the compact city sweeper with various, well-suited disposal concepts.



# More time spent sweeping and less time in transport mode.

The excellent sweeping performance and extreme manoeuvrability thanks to the articulated steering, which allows the machine to remain in its tracks, make the Hako Citymaster 300 the optimum, economical solution for cleaning.

- Modern, ergonomic workplace with excellent view of the brushes and suction mouth. Excellent all round visibility. All operating elements are within direct reach and view of the operator. ⓘ



## The Hako Citymaster 300 Clean Chain

For flexible disposal concepts with shorter transport periods



Transport mode



## Hako Citymaster 300: A Choice of Disposal Concepts.

**Fixed:**  
Dirt hopper

Transport mode

Mobile Concept



Take the Hako Citymaster 300 and additional rubbish bin on a low loader or trailer.

Stationary



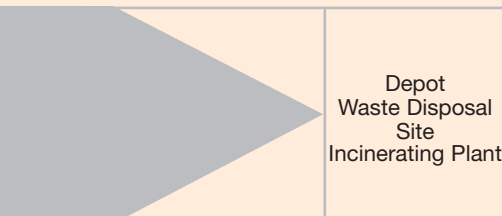
Decentralized distribution of the area

# Simply ingenious – ingeniously simple: Roll On/Roll Off

- The rubbish bin concept of the CM 300 leaves nothing to be desired. As a result of the hydraulic lowering and lifting device on the Citymaster 300 the full rubbish bins can be removed from the machine easily and an empty rubbish bin can be replaced quickly and easily. With this device any standard 240 l rubbish bin can be used. ②
- With the flexible hand-held wander hose (option) you can quickly reach even the furthest corners and most inaccessible areas. ③
- Improved suction performance even with heavier dirt as a result of the 2 part mesh metal filter, made of V2A steel, which guarantees a long filter life and low filter servicing costs. ④



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Roll On/Roll Off Concept	Pickup Concept	Manual Concept
<p>Centralised depots, cleaned throughout being cleaned.</p>	<p>Link up with mobile disposal systems, refuse collectors.</p>	<p>Link up with disposal logistics of manual street cleaners and manually-operated street sweepers.</p>

Low specific ground pressure, which protects cobbles etc., thanks to the large, low pressure tyres and low unladen weight. ⑤

Direct and easy access to all important components for daily maintenance as a result of panels and covers, which open wide. ⑥