

DOĞUŞ  
makina & kimya

**Hako**  
Clean ahead

# Hako-Citytrac 4200 DA



Multi-power for use  
all year round.

Maintenance  
of Parks  
and Grounds

# Hako-Citytrac 4200 DA

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

Cleanliness and safety in towns makes great demands on local authorities.

Whether dust or dirt, leaves or rubbish, whether grass, mud, sludge or snow have to be removed, reliable, environmentally-friendly but also efficient solutions are always being sought.

The Hako Citytrac 4200 DA offers a convincing solution for different applications.

Tailor-made to suit the corresponding requirements.

With numerous possibilities of expanding the function of the machine for grounds maintenance and winter maintenance to city cleaning.



# Flexibility for you all year round.

Whether as a professional lawnmower with high performance in summer, for sweeping applications or heavy-duty work with the snow plough and gritter for winter maintenance – the Hako Citytrac 4200 DA is **your economical universal machine**.

Optimally adapted attachments, robust construction without temperamental electronics as well as an excellent after sales service, guarantee that the machine is ready to use all year round – to your advantage.

The Hako Citytrac 4200 DA also sets new standards in terms of use and driver comfort.

**A large dimensioned, environmentally-friendly drive engine** (4 cylinder diesel, 2,198 cm<sup>3</sup>, 35.4 kW), paired with optimally integrated attachments and an extremely comfortable workplace with particularly low interior noise levels, enable the operator to carry out all types of jobs powerfully and, at the same time, in a relaxed manner. The hydraulic machine drive harnesses the drive performance of the high volume diesel engine quietly and powerfully. Awkward and involved hitching of attachments can be done away with completely as a result of the quick coupling triangle and large-size, non-drip plug connections, which cannot be confused.

**For the Hako Citytrac 4200 DA a Class L driving licence is all that is required.**



# Hako-Citytrac 4200 DA

## For lawn maintenance with up to 40% greater area performance.

For **lawn care and maintenance** Hako offers convincing, superior solutions.

Whether with a front rotary mower in working widths up to 180 cm ① (with side or rear ejection/ mulching) or with the unique mower suction combination.

With this system, in particular, as a result of the short central suction path, the high degree of compression as well as the higher drive speed the **area performance can be increased by up to 40%**. At the same time this extremely manoeuvrable mower combination is **considerably quieter** and has a more powerful suction performance than traditional systems. ②

With the flexible articulated construction of the basic unit **and the adaptation of the mower deck to the ground surface, +30%/-40%** practically any terrain can be 'tamed'. ③

The new central suction minimizes the width of the complete vehicle and makes it **possible to carry on where work was left without any problem and also enables working close to edges on both sides**. ④

The 1,200 l V2A high-grade steel hopper with smooth sides can be emptied via **high dump up to a height of 1.95 m** directly into **rubbish containers or onto a disposal vehicle**. ⑤





# Hako-Citytrac 4200 DA

## For clear paths and areas even in the depths of winter.

The **winter maintenance multi-function package** has been designed for universal use, i.e. the Hako Citytrac 4200 DA can be equipped with various attachments and accessories for winter maintenance on footpaths and cycle paths, public car parks and in pedestrian zones.

For example, with front mounted sweepers (working widths up to 160 cm) ①, with various sprung flap snow ploughs (up to 170 cm working width) ② or even with a snow blower (working width 120 cm).

With attachment or mounted cylindrical or spinning gritters, the Hako Citytrac ensures that areas are quickly left safe and ice-free. Also available as an option with salt water spraying device on the basis of the street washer for quick, targeted ice removal. ③ ④





# Hako-Citytrac 4200 DA

## Sweeping, vacuum sweeping, street washing.

Its extreme manoeuvrability makes the Hako Citytrac 4200 DA the optimum solution: e.g. with front mounted sweeper (working widths up to 160 cm) ① or in conjunction with the multi-function package as a compact sweeping machine with high-grade steel dirt hopper (volume 1 m<sup>3</sup>) and working width up to 227 cm.

Quickly the flexible hand-held hose can be used in areas which are difficult to access. ②

With optional additional noise insulation, it is even possible to use the machine **during the night shift in noise sensitive areas** – including outside the time restrictions (32.German Noise Prevention Regulations § 7 onwards).

The street washing unit cleans footpaths and areas with up to 40 bar water pressure/water supply up to 700 l – leaving them clean and dust-free ③. The hand-held spray lance with a hose length of up to 20 m even reaches areas some distance away. ④





# Hako-Citytrac 4200 DA

## Comfortable, ergonomic, service-friendly.



Ergonomically-optimized workplace with excellent visibility ② and air sprung, comfort driver's seat, which can be adjusted to the driver's weight. ③

All operating elements are within direct reach and view of the operator.

Powerful, fresh air heating with replaceable fine dust filter and six vents for draught-free, individual ventilation. ④

Integrated air conditioning system (option) for optimum conditions in the workplace – even on hot days. ⑤

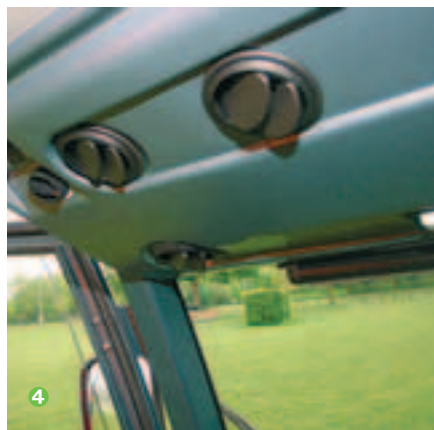
Various tyre options: whether lawn profile, agricultural profile and road tyres. The right type for every application. ⑥

Robust technology, all components can be accessed quickly and easily. ⑦



The loading platform, which tips hydraulically, and the tailgate provide easy access ① to all units, which – in turn – means that engine oil, air filter, coolant and state of radiator can be checked in a short space of time.





# Hako-Citytrac 4200 DA

## Technical Data

**Engine:** Water-cooled 4-cylinder YANMAR diesel engine, 35.4 kW at 3,000 rpm, adjusted to 33.0 kW at 2,600 rpm. Direct fuel injection, capacity 2,189 ccm. Tank capacity 60 litres. Engine falls below values laid down according to European Exhaust Emission Regulation 97/68/EC Stage IIIa.

**Power Transmission:** Hydrostatic drive with hydraulic gear reduction in working mode. 4 wheel motors. Hydraulic differential lock with locking function in centre as well as on front axle. Automotive drive with automatic load regulation.

**Speeds:** Drive speed, automotive 0-25 km/h, work mode, hydrostatic 0-13 km/h, reverse mode 0-12 km/h.

**Chassis and Steering:** Tubular steel hydraulic articulated 4-wheel chassis. Integrated and damped swing compensation for optimum kerb climbing ability. Hydrostatic steering.

**Tyres:** Standard: 26.00x12.00 - 12 Trelleborg T 539 lawn profile tyres. Alternative: 195 R 14 C road tyres or also other types of tyre available upon request.

**Brakes:** Multiple safety brake system. Hydrostatic brake via drive, additional hydraulic working brake via foot pedal. Mechanical parking brake.

**Driver's Cab:** Single-seat comfortable cab with air-sprung comfort driver's seat, which can be adjusted to the driver's weight. All controls ergonomically arranged. Warm water heating and insulated windscreen, solid door frames with sliding windows and wing mirrors, which can be folded and adjusted from inside. Optional: available with air conditioning.

**Hydraulic Unit:** Powerful high-pressure hydraulics with electric control block. Double acting lifting cylinder on the front lift as well

as loading platform, 2 double acting control circuits for attachment adjustment, at front via integrated switch, which can be doubled by means of additional control block on the attachment unit. Full face (flat seal) quick release couplings.

### Power Lift/Connections:

Front lift with quick coupling triangle, category 0. Lifting capacity on the triangle 300 kg.

### Area for Rear-Mounted Accessories:

Rear attachment frame for sand or salt gritters, weight-bearing capacity 400 kg. Hydraulic tipping loading platform with folding trailer sides and weight-bearing capacity 800 kg.

### Dimensions and Weights:

Length	mm	3.000
Width with standard tyres	mm	1.350
Width with road tyres (195 R 14 C)	mm	1.190
Height (with cab)	mm	1.985
Unladen weight, as per German Road Traffic Regulations [StVZO] (depending upon equipment specification)	kg	1.400
Permissible laden weight	kg	2.500
Wheelbase	mm	1.400
Track width	mm	992
Ground clearance	mm	150
Maximum sweeping width	mm	2.270
Clean water tank	l	180

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.



**DOĞUŞ Tekstil ve Temizlik Makinaları Paz. San. Tic. Ltd. Şti.**

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