



**Superior technology
for grounds maintenance.**

Hako

Compact tractor Hakotrac 3100/3500 DA Hydrostatic

NEW!



For local authority and commercial use. With low-vibration comfort cab, fully hydraulic transmission and dual-speed four-wheel drive.

**Hako –
perfect
from product
to service.**

Compact tractor Hakotrac 3

The advantages at a glance.



Point 1

Modern comfortable cab with all-round view, fully acoustically enclosed, overall height less than 2.00 m. Powerful heating and ventilating system, together with opening front and rear windows.



Point 4

Front, inter-axle and rear power take-off shafts, powerful lifting gear, and tow bar height adjustable without using tools, ensure ability to cover all applications all the year round.



Point 2

Durable and economical YANMAR direct injection Diesel engines with low exhaust emissions classified less than RL 97/86/EG level 2 are environmentally friendly and save on costs.



Point 5

Robust technology, easily serviced, all components particularly easy to access. Comprehensive after-sales service with round-the-clock response.



Point 3

3-speed hydraulic transmission with cruise control, up to 30 km/h, four-wheel drive and differential lock that can be engaged under load. Dual speed front axle for specially tight turning circles without damaging lawns.



Point 6

Alternative means of financing can be tailored to your requirements: Purchase, hire, leasing, rental, full service.



Hakotrac 3100 DA with front-mounted flail mower 1.40 m width. For quick and effective mowing of large areas. Hydraulic side shifting allows the mower to reach out beyond the line of the vehicle to mow banks or hollows.



Hakotrac 3100 DA with front-mounted rotary mower 1.50 m width. A high performance for economic mowing of large external grounds. Optionally with various grass collection systems up to 1600 ltr. capacity.

3100/3500 DA Hydrostatic.

Environmentally-friendly and powerful direct-injection Diesel engines combined with a 3-speed hydrostatic transmission and up to 30 km/h transport speed are the basis for cost-effective use of these new tractors.



Four-wheel drive that can be engaged under load. Dual speed function for protecting lawns when performing tight turns



Comfortable cab with generously sized windows and wide-opening doors ensures good all-round visibility of the working area and of attached tools. The cab constitutes a totally enclosed cell, decoupled from the tractor chassis, thus offering optimum protection against noise and vibration, all within an overall height of less than 2 m. Powerful heating and ventilating system with 8 outlet vents and recirculation mode ensures pleasant working conditions.



Front power lift with attachment triangle Cat. 0, lifting capacity 700 kg, two bidirectional hydraulic cylinders, integrated front PTO shaft.



Rear power lift category 1, lifting capacity 1000 kg. Tow bar height adjustable without using tools, jaw or ball-head type.



Controls and instruments arranged directly in view of the driver. Large window area for perfect all-round vision.



All controls clearly and unambiguously marked and arranged for easy handling. Driver's seat with multiple adjustment settings.



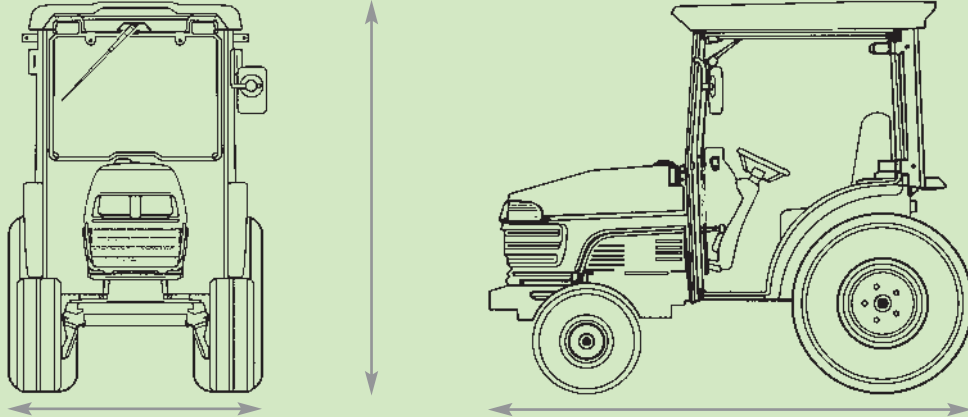
Hakotrac 3100 DA with 2-speed front sweeper 1.60 m width; for thorough cleaning of external areas. Also with dirt collection container and side brush. Can be used as snow sweeper in winter.



Hakotrac 3500 DA with snow clearing board or snowplough; punchy performance in winter conditions, clearing up to a width of 1.72 metres. Gritters or salt-spreaders can be used in combination with snow-clearing.

Technical advantages at a glance.

Technical data Hakotrac 3100/3500 DA Hydrostatic

Engines:	Hakotrac 3100: Water-cooled YANMAR 3-cylinder diesel engine 24.6 kW (34 HP) These engines are both below the emission limits set by European Directive 97/68/EG level 2. Fuel tank capacity: 28 litres.	Hakotrac 3500: Water-cooled YANMAR 3-cylinder diesel engine 27.1 kW (37 HP)
Transmission:	Hydraulic transmission with 3-speed manual mechanical reduction gearbox.	
Speeds:	Max. 30 km/h, depending on tyres fitted.	
Front axle:	Fully hydraulic steering. Four-wheel drive: can be engaged under load by electric switch, together with dual-speed function to protect lawns on tight turns engaged by electric switch.	
Rear axle:	Rigid axle with integral differential, mechanically engaged differential lock	
Tyres:	Front: 24 ~ 8.50 – 12; rear: 33 ~ 12.5 – 15 turf type.	
Brakes:	Dynamic braking when the pressure on the accelerator pedal is released, plus additional inboard disc brakes for service braking and parking brakes operating on the rear wheels.	
Cab:	Comfortable cab with opening front and rear windows and generous spacious layout, with wide-opening lockable doors. Tinted glass all round. Optimum sound insulation by fully enclosed acoustic cab.	
Power take-off:	Rear PTO: 1 3/8", 6-spline 540 rpm. Front PTO (optional): 1", 15-spline 2000 rpm. Mid PTO: 1" 15-spline, 2,000 U/min.	
Power lifter:	Front power lifting gear with quick-attachment triangle cat. 0, lifting load 700 kg. Rear power lifting gear with 3-point linkage cat. 1, lifting load 1000 kg.	
Dimensions and weights:	Length 2,850 mm, width 1,320 mm, height to top of cab 1,999 mm, tare weight (according to equipment) 1,065 kg, gross weight (max.) 2,300 kg.	
		
<p>We reserve the right to make changes in shape, colour and design in the interests of technical developments without prior notice.</p>		

Hako is the right partner:



Cleanliness with safety
Hako machines adhere to strict quality regulations/standards. Quality made by Hako. We also take care of what we sell – world-wide.



Sales, hire, leasing, rental
Hako allows you to individually plan capital investments depending upon customer's demands and the available means.



Sales, hire, leasing, rental
Hako allows you to individually plan capital investments depending upon customer's demands and the available means.



Hako is never far away
The efficient Hako sales and service network means that Hako is always close at hand.



DOĞUŞ Tekstil ve Temizlik Makinaları Paz. San. Tic. Ltd. Şti.
İkitelli OSB Turgut Özal Cad. No: 141 Kat 2
34303 Başakşehir/İstanbul/Türkiye
Tel.: +90 212 444 0 764 Fax: +90 212 549 51 49

www.hako.com.tr
www.formula.com.tr
www.dogustemizlik.com.tr
A Member of the Hako Group