



# Herder one

[Herder.nl](https://www.herder.nl)





## **Herder**

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# The latest development

Herder ONE is the latest development from Herder. This complete and versatile machine is specially designed for carrying heavy constructions of booms and vehicles.

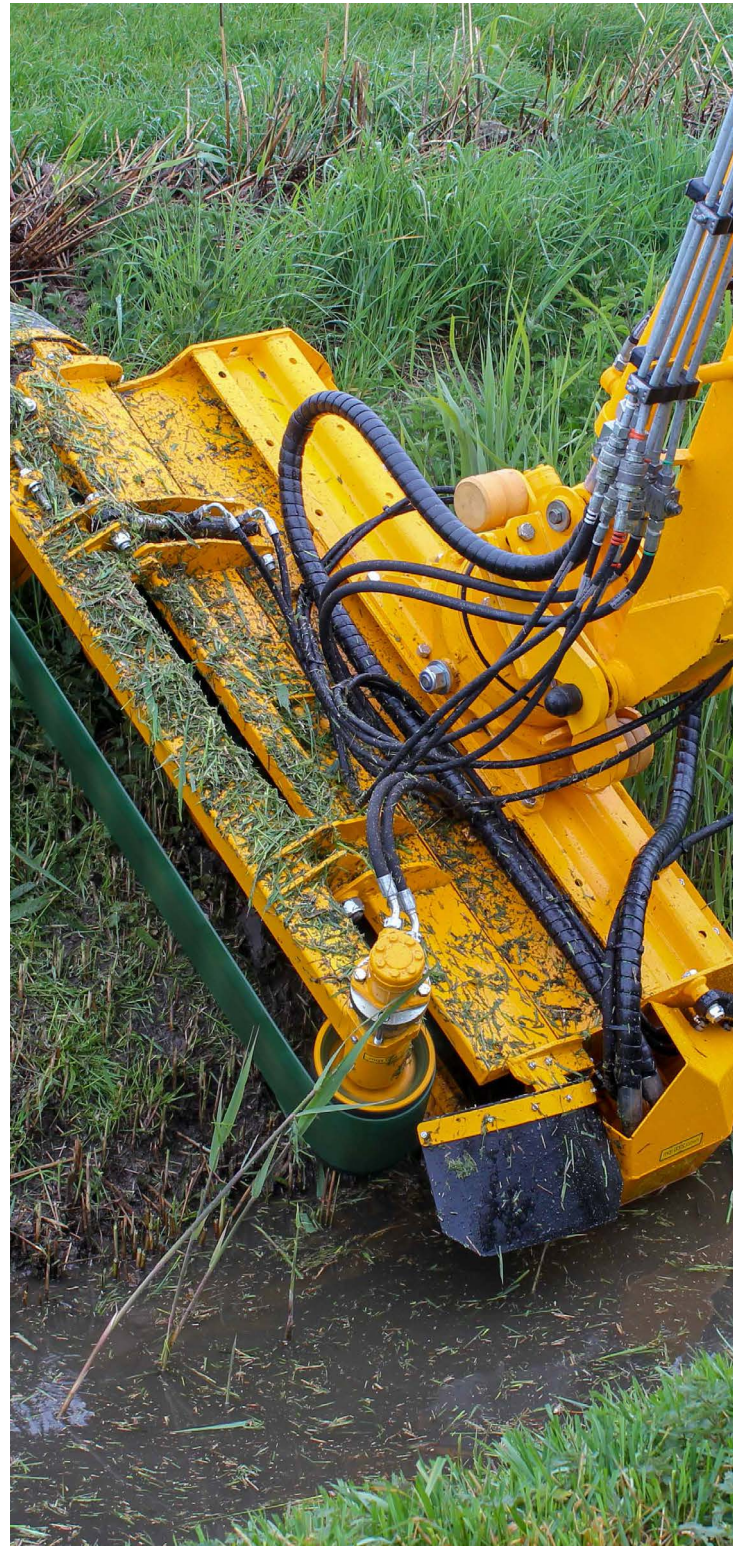
With an output of 225 HP, the Herder ONE is a heavyweight in its class. The cabin of the Herder ONE is mounted on an arm that can rotate 65°. In addition, the cabin can turn 180°. This gives the operator a complete overview of the work and the surroundings.

The Herder ONE is equipped with both a mowing basket and a flail mower. The machine can also be equipped with other Herder implements, such as a hedge mower or weed brushes. This means that the machine can be used all year round, both on the side of the ditch and on the side of the road.

- The complete solution for verge and ditch maintenance
- 225 HP power
- Cab visibility up to 270
- Great comfort

## **Standaard uitvoering**

- Heavy-duty chassis, fitted with attachment points for the QRS frame
- On the rear side, fitted with 2 attachment points for a D-shackle for towing or similar purposes.





# At home in any area

## Multifunctionnel

Versatility is also reflected in the machine's compact dimensions. The Herder ONE has a width of 250 cm and a length of 480 cm. The Herder ONE comes standard with 600-70/R30 tyres. This provides a ground clearance of 50 cm. Because of this the Herder ONE is at home on every terrain and has an excellent stability.

In the Herder ONE the highest comfort for the driver has been taken into account. This is reflected in the finish and ease of use that the Herder ONE offers.

## Mowing arm

- Rapid detachable mowing arm by means of the QRS system
- Booms type GRENADIER 1+2
- Swivel range approx. 230
- Length approx. 640cm
- Herder quick coupling (SS) at boom end
- Float position on the lifting cylinder with ABR (Automatic Ground Pressure Regulator)
- Standard 2x LED worklight at boom head 2





# Hydraulic perfection

## Hydraulic unit

The Herder ONE has the hydraulic unit integrated into the machine. As a result, the pressure is perfect under all conditions. A hydraulically adjustable cooler ensures the optimal temperature. In order to leave nothing to chance, technology has been chosen that has been proven in practice.

The same cylinders as on the Grenadier have been used, for example, as have the hydraulic switching and control valves. When the valve of the tipping bucket is operated (opened) the system automatically switches to blowing to prevent grass, leaves or dust being sucked in.



## Hydraulic

- 1x Load sensing pump for boom control
- 1x Load sensing pump for cabin adjustment, front linkage and 2x DW (nominal)
- 1x Electrically controlled high pressure plunger pump 130L/min, 330 Bar (nominal)
- 2x Electrically controlled high pressure plunger pump 130L/min, 330 Bar (nominal)

## Cabine

- Cabin rotation 180° (65° moveable by arm)
- Safety glass all round/
- Panoramic roof made of panelled glass
- Entrance door on left-hand side, windscreen and right-hand side window; solid glass / rear window; half-glass
- Air suspension seat with 12 V compressor (automatic weight adjustment 50 - 130 kg)
- Seat with back extension / folding backrest / height-adjustable armrests
- Horizontal seat suspension (also sideways)
- Air conditioning (passive climate system) and heating
- Radio with bluetooth and USB connection
- Mowing arm control via HCC steering and 2 joysticks
- Dashboard with vehicle data (rpm, fuel tank, oil temp, etc)

# Specifications

## Herder one

Dimensions (LxWxH without tool)	480cmx 255cmx350cm
Track width	195cm
Wheelbase	280cm
Motor	FPT (fiat power train)
Emission class	Stage IV (Tier 4 final)
Massa (exc. tool)	9950kg
Massa (incl. tool)	12,5 ton incl. QRS, 1L+2LS, KMU150TRB
Rated power	163kW/221PK @1900 omw./min.
Nominal torque	825 Nm @1900 omw./min.
Max Power	165kW/225PK @1800 omw./min.
Max Torque	940 Nm @1500 omw./min.
Number of cylinders	6 cilinders
Number of valves	4 valves per cylinder
Stroke volume	6,7 liter
Fuel	Diesel (with Turbo and Aftercooler)
Injection	Direct, Electronic Common Rail

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Cooling	Hydraulically driven cooler with automatic reverse gear to blow itself clean.
Drive	Steplessly adjustable 0-45km/h 4-wheel drive (above 20km/h - 2-wheel drive) Per axle 1 pump drive motor Switchable differential lock (mechanical, left/right)
Front axle	Hydraulically sprung and steerable Front axle lock incl. "auto leveling"
Rear axle	Star / unsprung
Front/rear tyres	600/70R30 with agricultural tread (Michelin Axiobib)
Choice of driving	2 wheel steering (standard in high speed) / 4 wheel steering / Dog walk





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