

# HOLDER

NO COMPROMISES

## HOLDER POWERDRIVE. DRIVE FUTURE.



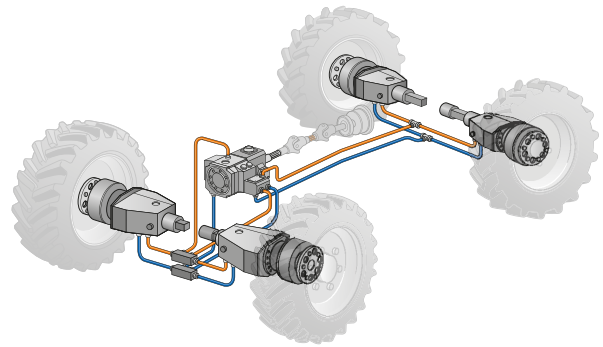
# Lower fuel consumption, more power: Experience innovation with Holder PowerDrive.

## WHAT IS HOLDER POWERDRIVE?

Holder PowerDrive is an innovative drive with which the pioneer of articulated steering sets new standards in terms of dynamics and efficiency. The newly developed system provides significantly more pull and thrust while also reducing fuel consumption and noise level.

The core of the PowerDrive is made up of four strong wheel motors, a newly developed valve block for control of the hydraulic flow and a smart driving electronic system that switches automatically between all-wheel mode and two-wheel mode depending on the driving situation.

The result is an extremely dynamic driving experience with impressive acceleration from zero. Holder PowerDrive thus brings decisive benefits to the everyday work of service providers and municipal users. At the same time, it is more environmentally friendly.



## HOW DOES THE HOLDER POWERDRIVE WORK?

### Stronger wheel motors

Thanks to the four 400 cm<sup>3</sup> strong wheel motors, the PowerDrive has 40 % more towing power and 50 % more climbing capability than regular all-wheel drives. It will always start at maximum power from zero in all-wheel mode, which is beneficial specifically on gradients.

Additionally, all vehicles with PowerDrive are at the same time equipped with a 4-wheel brake to ensure safety on steep slopes.



### Cutting the wheel motor speed in half and deactivating the rear axle

In transport mode, the torque of the wheel motors is halved and the rear axle deactivated to reach maximum speed at a much lower motor speed. This leads to fuel savings in excess of 10 %, as well as to a clearly noticeable reduction in noise.

Whenever the work requires it, the drive switches between all-wheel and two-wheel mode. If required, the wheel motor torque is adjusted as well.

Thus the carrier will climb steep slopes without any manual switching and run in the most efficient driving programme even in heavy duty applications.

### Automatic switching to the most efficient driving programme

Since switching between all-wheel and two-wheel drive as well as between full and half wheel motor use can take place automatically at all times, the driver can focus fully on the application or the road.

When working, the driver can also control his speed at consistent PTO shaft speed via the pedal with the SDS drive.





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## WHAT DOES HOLDER POWERDRIVE DO?

You will find that Holder PowerDrive is one of the most progressive drive technologies in many everyday situations – specifically on gradients and in heavy-duty use.

Overview of the most important benefits:



**Better climbing capacity**



**Reduced motor noise and fuel savings on transport runs**



**Increased driving and work comfort**



**Higher pulling and pushing power**



### UNIQUE TECHNOLOGY

- Holder PowerDrive on request
- Articulated steering and 4 wheels of equal size
- Wheel load balance and 4-wheel brake
- 3 attachment locations for year-round use
- Mechanical differential locks acting on both axles
- Electro-hydraulic implement load relief
- Vibration damping via rear and front power lift

### GREATEST COMFORT

- Comfort cabin with air conditioning
- Programmable multifunctional joystick
- Suspended multifunctional armrest
- Spring-suspended front and rear axle
- Infinitely variable speed up to 40 km/h
- Speed control in work mode via pedal at consistent PTO shaft speed (SDS)
- Hydraulically tipping motor compartment cover + cabin for simple service access

### TECHNICAL DATA

Power	67 HP
Min. tare weight	1791 kg
Permissible total weight	3500 kg
Lifting capacity front / rear	1100 / 1100 kg
Total available hydraulic output	25 l + 80 l
PTO	front mech./ rear hydr.
Smallest outer width	1130 mm
Smallest total height	1995 mm
Inner turning circle	1390 mm

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SEE HOLDER IN ACTION:  
[www.youtube.com/user/maxholdergmbh](http://www.youtube.com/user/maxholdergmbh)

**Max Holder GmbH**  
 Max-Holder-Straße 1 | D-72555 Metzingen | Germany  
 Phone: +49 7123 966-0 | Fax: +49 7123 966-213  
 info@max-holder.com | [www.max-holder.com](http://www.max-holder.com)