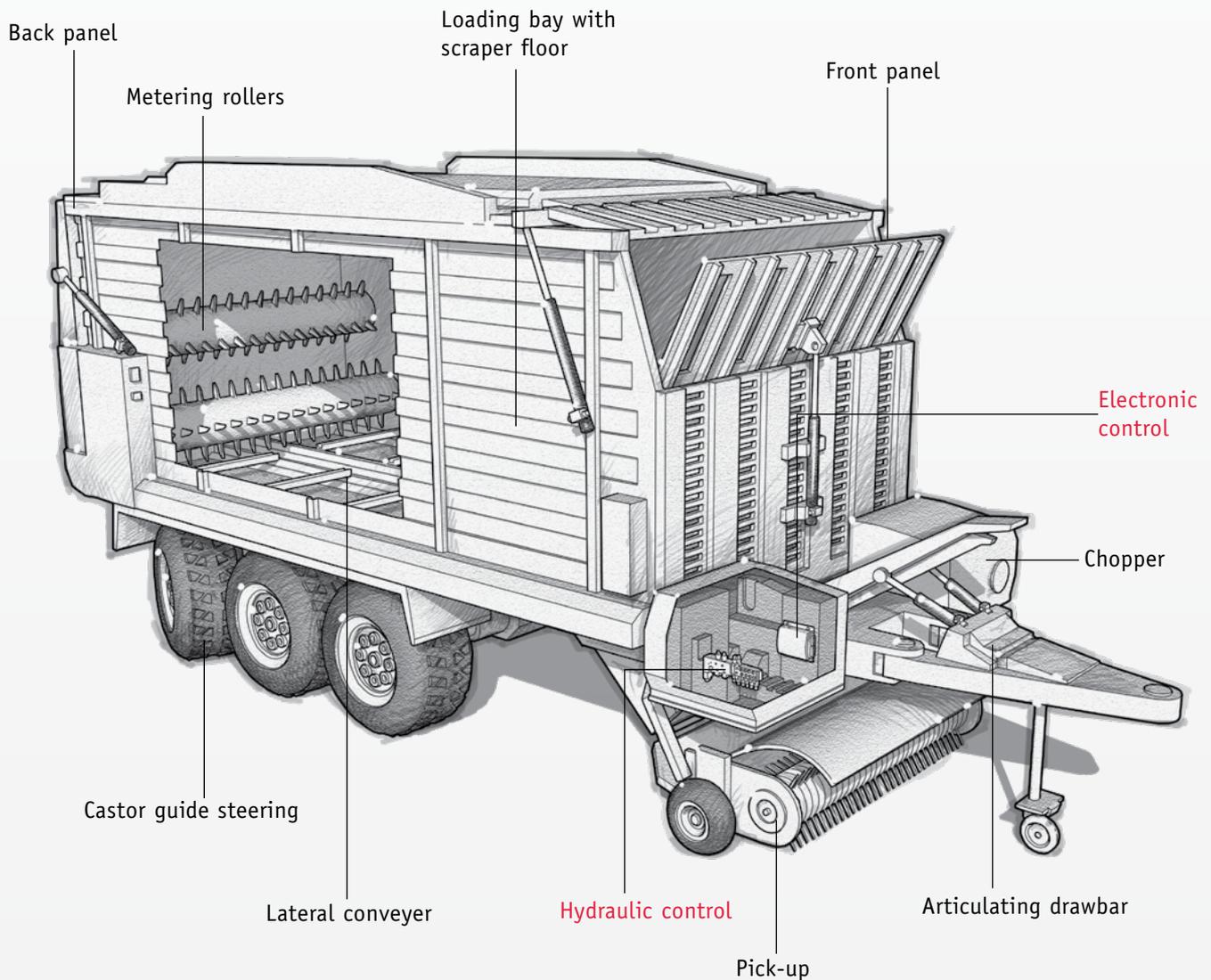


# Sturdy and reliable

# when you need it most.



The timing for harvesting mainly depends on the weather – that’s difficult enough to predict. But when the time comes, you need reliable and ready-to-use technology. At HAWE Hydraulik, we offer intelligent and sturdy solutions – and not just for silage trailers.

Solutions for a World under Pressure

**HAWE**  
HYDRAULIK

## HAWE Hydraulik: Reliability in every detail.

### Continuous use and high performance is what a silage trailer is all about.

Lots of room for the crops, high capacity, clean-cutting blades and reliability – that's what you need most, when harvesting day comes. As a manufacturer, that was what you had in mind when you were designing and building your trailer. As a consumer, those were your requirements when you bought it and serviced it – after all you want to be able to count on it when the big day arrives. When it comes to design and service, you rely on the advice and support from professional partners. It's only through this joint effort that you're able to achieve optimized vehicle weight and functionality. These trailers are used outdoors, where any impact on the environment must be kept to a minimum.



Picture: Mengele Agrartechnik

### Sturdy design and high performance density – that's what HAWE stands for.

HAWE Hydraulik offers a range of modular components for various flow rates and controls for tailor-made solutions. This has many advantages: ever-changing requirements can be easily fulfilled, additional functions can be incorporated and servicing is made easier. Additional functions such as load-holding, pressure limitation and actuator prioritization can easily be integrated.

HAWE hydraulic solutions are made from a modular design system, and are also ideal for controlling:

- Balers
- Forage harvesters
- Seeders and cultivators
- Devices for tillage
- Dumpers

### The power of teamwork.

HAWE Hydraulik is the perfect partner for agricultural and forestry machinery. We offer fully integrated solutions at every stage, from design and manufacture through to the start of operations, drawing on over 60 years' experience. As such, you can enjoy high efficiency combined with excellent flexibility.



Picture: WM Kartoffeltechnik

## Choose the perfect combination for your silage trailer.

HAWE Hydraulik offers reliable, sturdy products with state-of-the-art design. The sophisticated modular system enables you to combine the elements you need in the most effective, cost-efficient way for minimum overall weight. A selection from our product range:

### Spool valve and seated valve technology combined:

Flexible combination of proportional or on/off directional valve sections coupled with zero-leakage seated valve sections in one valve bank. The right valve type for each function is selected from the modular system and easily flange-mounted.

- Operating pressure ( $p_{max}$ ): 250 bar
- Flow rate ( $Q_{max}$ ): 120 resp. 20 lpm



### Smart communications between components:

The PSL's on-board CAN technology minimizes the amount of wiring required and makes it easier to design smart systems. As you would expect, it supports all common communication protocols.

- Operating pressure ( $p_{max}$ ): 420 bar
- Flow rate ( $Q_{max}$ ): 120 lpm



### Efficient hydraulic fluid supply:

The energy-efficient axial piston pump type V60N generates the necessary pressure and flow rate, continually adapting these to the current requirements. Various nominal sizes, controls and drive options offer maximum flexibility while minimizing space requirements.

- Operating pressure ( $p_{max}$ ): 400 bar
- Geometric displacement ( $V_g$ ): 130 cm<sup>3</sup>/rev.



### Power pack for individual fluid supply:

The compact power pack type NPC is ideally suited for rotary drives or damper actuation if the fluid needs to be supplied separately. The advantages are the compact size and minimal piping effort, because you can position it next to the load. It works independently of the main system's fluid supply.

- Operating pressure ( $p_{max}$ ): 750 bar
- Delivery flow ( $Q_{max}$ ): ca. 2,29 lpm



### Mobile and flexible - our electronic control:

Ideally suited to the hydraulic components, the PLVC operates and carries out signal evaluation for all functions. It is linked to the vehicle controls by a CAN bus, and can also send telemetry data to maintenance technicians remotely.



## End-to-end service.

With five sales offices in Germany, 17 subsidiaries worldwide and around 30 expert partner companies, HAWE Hydraulik is bound to have a presence in your area.

HAWE Hydraulik offers the following benefits:

- Comprehensive individual advice and assistance
- Customized solutions
- Products designed and manufactured using state-of-the-art technology
- Many years of experience and expertise in hydraulic products and their uses
- Tailored service and maintenance contracts
- Layout, set-up, and maintenance/service on-site

If you have any questions, please get in touch. Our experts are always happy to help.

