

The offer at a glance:

- Consulting in electrification projects
- Extensive product range for electronics and hydraulics
- Battery technology in modular format
- Robot platform with electric drive
- Large test and application centers
- Remote maintenance and service offers

Soft- and hardware competence from one source:



“Equipping and optimizing the first electrically operated snow groomer was a very exciting project.”

“The approach is both hands-on and professional. This is how we were able to get the most out of the new drive solution.”

For further information contact our sales representative:



www.hawe.com/contact

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HAWE
HYDRAULIK

Electromobility – ePTO

Electric drive and hydraulics ideally combined.



Solutions for a World under Pressure

HAWE
HYDRAULIK

The electric drive benefits from efficient hydraulic solutions.

System view - efficient components pay off

HAWE Hydraulik's hydraulic drives and controls are consistently energy efficient due to their design and operating principle. Variable displacement pumps with high efficiency, proportional directional spool valves based on the load-sensing principle, load-holding valves with low pressure loss - all small system elements with a great effect on energy consumption during operation. Intelligently controlled by electronic controls with modern bus systems and open interfaces, this is the optimum basis for increasing performance in many types of machines.



Competent advice in electrification projects

Together with Mattro's engineers, HAWE Hydraulik offers consulting expertise for the entry into electric mobility. Starting with the selection of the ideal drive concept, the coordinated design of the traction and working hydraulics, up to the dimensioning of the battery pack and the construction of a test vehicle, you will receive everything from a single source. Fine tuning of the drive is carried out in on-site tests under real conditions.



Functional Safety



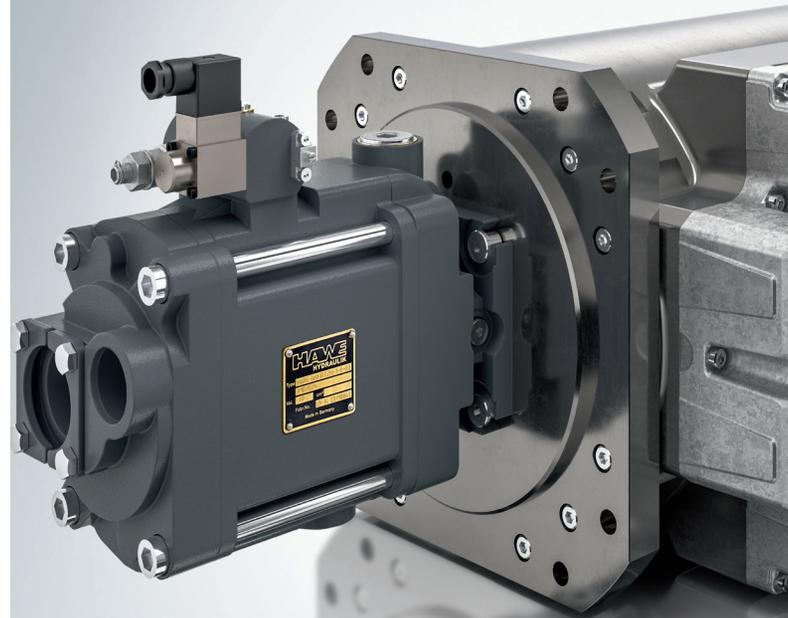
Connectivity



Modular design



Electromobility



Not only concept - but already proven in use!

Battery technology from the experts

The basis for successful electrification is an efficient and safe energy storage system. Our battery construction kit enables individual solutions for the most diverse requirements. The kit includes battery modules with two different voltages and sizes as well as battery shafts for easy mechanical integration. By serial and parallel connection of the modules to clusters it is possible to adapt the voltage and capacity perfectly to your application.



Electric robot platform for every application

A mobile chassis with powerful electric drive is the ideal starting point for the development of individual vehicle concepts. Various mounting points and surfaces make it possible to create application-specific bodies. Radio remote controlled, the Bock acts as an all-terrain transport vehicle or as an autonomous mobile power source. The compact design with a low center of gravity and wide stand qualifies the robot platform especially for off-road use.

