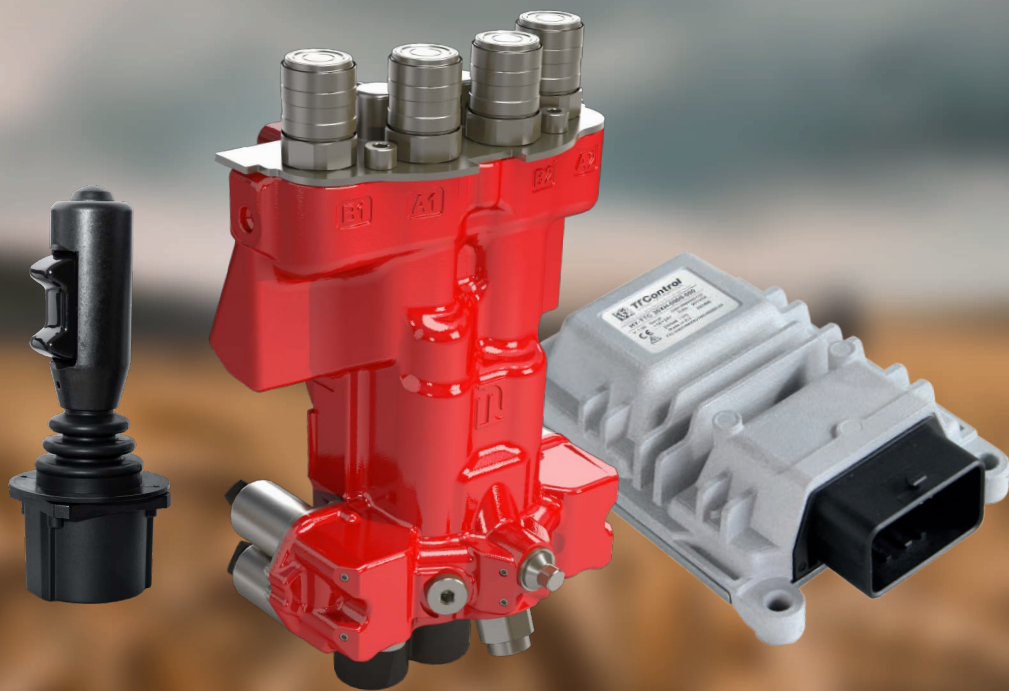


EHC

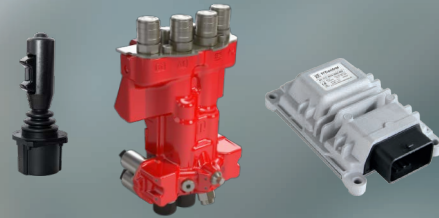
## A Versatile Electrohydraulic Control System



**Elevate your operations with a flexible control system suitable for a range of applications.**

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## Unlock efficient and scalable control with EHC modular implementation control system

The **EHC System** is a perfect fit for efficient control of electro-hydraulic valves in various applications. The advanced TTC32S controller combined with modular software ensures precise and optimized hydraulic operations. **EHC** is developed for scalable solutions in E-Mobility and automation.

### EHC subsystem functionality overview:

The EHC Subsystem is designed to provide ready-to-use solutions for controlling electro-hydraulic valves with the TTC32S controller. It's available in different packages with various features:

- Quick time-to-market: Parameterization instead of software development.
- Complete package delivery, including controller, wiring harness, and joystick.

### Applications



Compact Loaders



Front Loaders



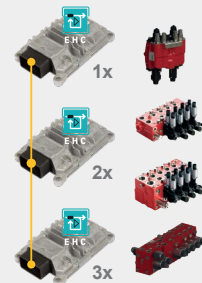
Municipality Vehicles



Roadside Mulchers

### Scalability and System Integration

The EHC System is scalable, supporting various combinations of controllers, software packages, harnesses, and remote control devices for up to 9 proportional axes.

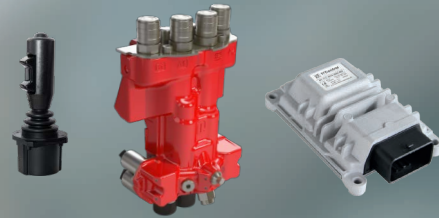


### System Integrator Tools



Hydac provides tools for smooth implementation and full lifecycle support:

- PC Tool SCT (Free of charge)
- Interface for HMG4000
- Standard harness and joysticks for control



## EHC control system alternatives

The control system comes in three different alternatives based on your needs and working environment. All of the systems are sold as turn-key solutions to make your operations more efficient.

### EHC Basic

The EHC Basic Package offers the following features with the TTC32S controller:

#### Electro-Proportional Control:

- Lift
- Tilt
- Auxiliary

#### Digital Control:

- Telescopic (Auxiliary)
- Safety Functions (Seat switch input, Road lock with valve control)

#### Logic Functions:

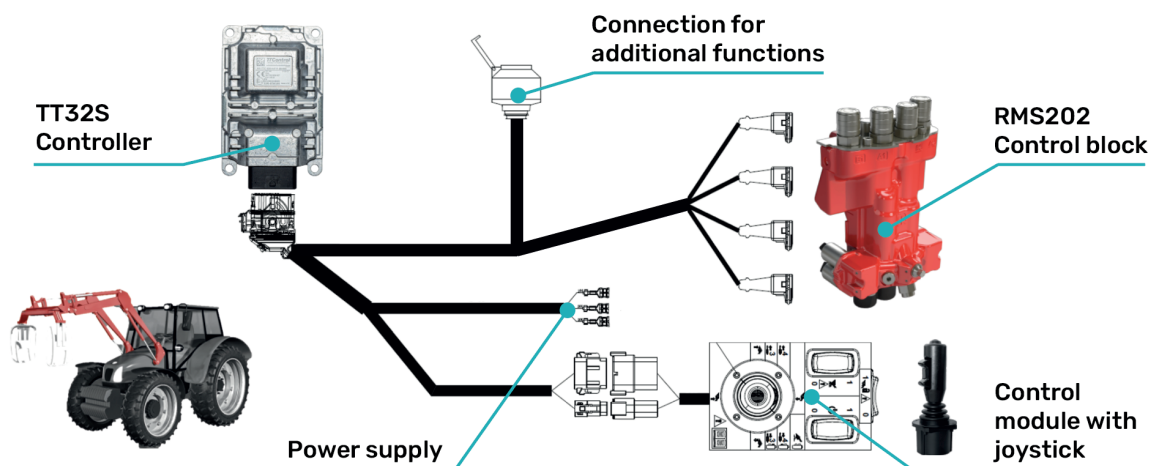
- Float functionality

### EHC Plus

Additional features enabled with EHC Plus:

- Continuous Flow Functionality
- Interface for E-Mobility
- Estimated required flow and speed control for electric-driven hydraulic pumps
- Electronic Flow Sharing (ELFS) for LS-valves
- Supports up to 9 valve sections with prioritized functions by parameter.

## EHC System Schematics (Front Loader set-up)





**EHC**

Learn more about our control systems at  
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