

## SUCCESS STORIES

### Hydreco Hydraulics Italia & FTMH

#### 1. Who is the customer

FTMH is an Italian manufacturer specialized in the design and production of container handling machines for ports and industrial logistics applications. The company develops high-performance solutions focused on operational safety, reliability and operator comfort.

#### 2. The needs

For its new FT 25-H7 DB empty container handler, FTMH was looking for a technology partner able to develop an advanced control system fully customized and perfectly integrated with the machine electronic architecture.

##### The main goals were:

- improving ergonomics and control precision;
- increasing operational safety;
- ensuring full CAN bus integration;
- enabling customization based on end-user requirements;
- guaranteeing reliability in heavy-duty port applications.

#### 3. The Hydreco solution

Hydreco developed a custom MDC electronic joystick with MHC handle, fully programmable via CAN bus and specifically engineered for the FTMH machine.

##### The solution includes:

- 4 proportional axes; 7 On-Off signals;
- capacitive hand presence sensor;
- customized ergonomic configuration;
- dedicated functions for spreader and container handling operations.

The result is a safer, more intuitive and more efficient control system, designed to improve operator experience while optimizing machine performance.



*“The collaboration between our technical departments is complete. The possibility to create tailor-made joysticks allows us to identify the best configuration for every end customer.”*

*Eugenio Ponzini,  
Technical Director at FTMH*

