

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

