

Electronic Control

Voltage options allow the high rail motion control system to be configured for local voltage requirements.

Electrical assembly

The electrical assembly distributes the electrical power, control signals, and feedback signals between the controller and the high rail components. It contains the servo drivers for the servo motors and terminals for signals from components and the controller. The electrical assembly is mounted to a leg at the rear of the machine.

Controller

The controller is a computer with machine control electronics. The controller provides the operator interface and manages all operating aspects of the motion control system. The AquaVision controller is based on the Beckhoff CNC controller and includes a Jet Edge proprietary user interface. The controller complies with the DIN 66025 specification for programming codes. See the controller operation manual for more information.

Pendant

A handheld pendant is cabled to the controller to provide remote control of some controller functions. The pendant allows the operator to move and observe the motion control system as needed to perform controller functions.