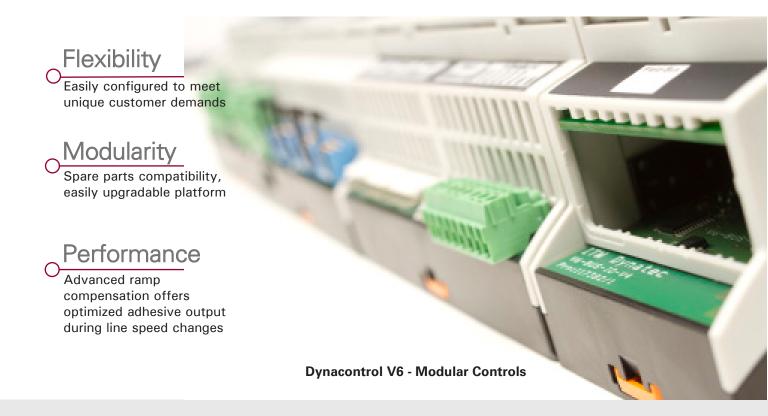# Dynacontrol V6 - Modular Control Platform

ITW Dynatec's Dynacontrol V6 is a modular control platform that serves as the next generation of globally standardized software and hardware for Dynamelt ASUs. It's proprietary design offers customers an affordable solution for advanced PLC-like controls that are both flexible and reliable. With a variety of communication interfaces and advanced functionality for improved production efficiency, Dynacontrol V6 can meet the needs of even the most demanding applications. The modular design also offers reduced cost for spare parts, simplified operator training, and ease of future upgrades.

Dynacontrol V6 - Modular Control Platform

- Modular based, plug-and-play controls
- Remote access capability
- Independent standardized field bus interface
- Communication interfaces include: EtherNet/IP, Profibus, EtherCat, ModBus/TCP

Flexibility
Easily configured to meet unique customer demands

Modularity
Spare parts compatibility, easily upgradable platform

Performance
Advanced ramp compensation offers optimized adhesive output during line speed changes

Dynacontrol V6 - Modular Controls

The Dynatec Difference...

Modularity Redefined

The Dynacontrol V6 control platform was designed with flexibility and value to the customer in mind. It's modular design allows users to define it's functionality based on the components used and software configuration settings. This allows for the use of the same spare parts in all Dynatec adhesive supply units, simplified operator training and ease of maintenance. The V6 platform also offers customizable operation functionality and is easily upgradable for future enhancements. For example, customer's have the capability to control ASUs through a central HMI, operate "headless" units with no HMI and/or access units remotely for seamless integration.

Dynacontrol V6 - Modular Control Platform

System	Dynacontrol V6 Modular Control Platform
Max. # Temperature Zones	64
Max. # Motor Controls	9
Max. # Pressure Readouts	18
Auxiliary Inputs	6 + 64
Relay Outputs	3 + 24
Analog Inputs	16, multi-purpose
Analog Outputs	16, multi-purpose
Expandability	up to 4 XIO modules for custom I/O and logic
Relay Outputs	3 + 24
Pump Modes	Manual, Automatic Line Speed, Automatic Pressure Control
Ramp Compensation	Fully Programmable
Connectivity	Profibus, EtherNet/IP, EtherCAT, ModBusTCP
Storage Media	SD-Card (USB)
Multi-System Control	Up to 10 systems controlled via touch panel

Standard Features

- Fully Programmable Ramp Compensation
- DIN Rail-Mounted Finger-Safe Modules
- Secure Inter-Module Bus System
- Diagnostic LED For All Zones
- Field Upgradable Modules

Optional Features

- Pendant Control
- Remote Multi-System Support

ISO 9001
REGISTERED FIRM

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