

Kim Controls is proud to work in partnership with Mitsubishi Electric Automation to bring you engineered products with a well deserved reputation for creating the world's most reliable and high performing automation systems. Ideal for OEM applications!

Power



Mitsubishi Electric produces over one million units of standard drives every year!

Mitsubishi Electric develops and produces their VFD's, ensuring the highest standards of performance in the smallest of frame sizes.

Energy Saving

- Mitsubishi Drives have class leading technology designed to save energy in pump and fan control
- Ideal for industrial or commercial applications
- F700 series maximizes efficiency by calculating the ideal output for any motor load

Flexible / Versatile

- Drives available in all sizes from fractional horsepower to 1200 HP
- 200, 400, and 600 V drives available
- Any VFD can be engineered into custom packaged solutions

Simple Operation

- All drives share common parameter sets and terminal markings
- All drives can communicate together on the same RS485 network
- All programming tools can be shared across ranges and series

Quality and Reliability

- Designed for a 10-year operating life - even in harsh environments

Dynamic Performance

- General speed control as well as drive solutions for positioning and tension
- A full range of regenerative operations allow for straightforward replacement of DC systems

Field Bus Capability

- Includes Profibus-DP, LonWorks, CC-Link, DeviceNet, Modbus Plus, Modbus RTU, Metasys N2 and Siemens FLN

Mitsubishi Electric Servo Systems offer industry leading performance and more standard features than the competition!

Precision



Servo Systems from Mitsubishi Electric have the most advanced auto-tuning features available today!

Extensive Feature Set

- Advanced real time auto-tuning
- Automatic vibration suppression
- Machine resonance frequency detection and filtering
- Dual feedback capability
- CE, UL, cUL rated for global acceptance

High Performance

- Up to 900Hz analog frequency response
- Up to 1MHz pulse train input
- Unmatched servo loop update times
- Up to 6000rpm motors
- High resolution encoders – up to 262,144 pulses per revolution

Flexibility

- Multiple control modes: analog speed, analog torque, and pulse train
- Position – with the ability to switch between modes during operation
- Ultra low, low and medium inertia motors
- 100-120VAC, 220-230VAC or 380-480VAC models
- Capacities from 50W up to 110kW

Ease of Use

- User friendly servo set-up software
- Amplifiers with built-in display and set-up buttons
- Advanced software engineering tools
- Built-in diagnostics and monitoring
- Built-in serial or USB communications port

Servos with Built-In Motion Control

- MR-J2S-CL
- MR-J2S-CP

Networking Options

- CC-Link
- DeviceNet
- Profibus-DP
- RS-485