

SWAY LESS. MOVE MORE. LIFT WITH CONFIDENCE.

Smarter crane and hoist control, engineered for how material handling really works.



SMART CONTROL BUILT IN.

Move more with less risk.

Smooth motion that protects your crane

Gentle acceleration and braking reduce mechanical wear and maintenance.

Safer operation by design

Advanced controls enhance operator awareness and responsiveness, helping reduce collisions and improve workplace safety.

Built for smooth, predictable lifting

Smart VFDs reduce sway and improve control, without added hardware or programming.

Stable travel, every direction

Synchronized control keeps loads steady for hoist, trolley, and bridge.

Confidence for every operator

Sensorless anti-sway and smooth speed control deliver accurate lifts, regardless of experience.



Crane and hoist operations demand precise control, predictable motion, and uncompromising safety. We deliver purpose-built VFD technology designed specifically for lifting, travel, and positioning.

MOVE HEAVY LOADS SMOOTHLY, SAFELY, AND EFFICIENTLY WITH LESS ENGINEERING EFFORT IN 4 STEPS.

1 Safer lifting. Smoother control. No extra engineering.

Our VFDs are engineered with crane-specific functions already built in to reduce commissioning time, and to achieve more consistent performance and fewer startup issues. The following functions reduce the need for custom programming, external PLC logic, or specialty hardware.

- integrated anti-sway
- infinite speed control
- brake sequencing support
- sensorless positioning

2 Designed for uptime, built for real-world crane duty.

Proven VFD technology backed by warranty ensures dependable performance in demanding environments where downtime is not an option.

- failure rates under 50 ppm
- industry-leading 5-year warranty
- life diagnostics and condition monitoring

3 Support that keeps your projects moving.

We help your teams to deploy and maintain crane and hoist systems more confidently with:

- application guidance
- commissioning and troubleshooting
- responsive technical support
- strong distributor network

4 Drives ready when you need them.

High local inventory levels and next-day shipping on most VFDs helps reduce schedule risk and eliminate redesigns caused by product shortages or discontinuations.

- Nationwide distribution network
- 40+ years of parameter consistency future-proofs your investment

A SCALABLE VFD PLATFORM FOR CRANE AND HOIST APPLICATIONS

Whether supporting compact hoists or multi-axis crane systems, Mitsubishi Electric offers a cohesive VFD portfolio that aligns to crane and hoist demands, without forcing unnecessary complexity.

- Compact drives for overhead cranes and hoists
- Integrated crane functions in a small footprint
- Consistent programming experience across platforms
- Compatibility for both new builds and retrofit projects


Simplify engineering, spares, training, and long-term support by standardizing on one VFD platform.



By partnering with Mitsubishi Electric, you will experience:

- **Strong support network** including local field engineers and 1-800 phone line
- **Value-added services** such as start-up, onsite repair, and extended warranties (VFD 5-year warranty)
- **Complete solutions under one roof:** VFD, PLC/HMI, and SCADA
- **Large inventory** with 95% of common items stocked locally
- Extensive **distributor network**

Smarter cranes and hoists start with Mitsubishi Electric.



[**Contact us to get started**](#)

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Mitsubishi Electric's e-F@ctory concept utilizes both FA and IT technologies, through collaboration with e-F@ctory Alliance Partners, to reduce the total cost of development, production, and maintenance, with the aim of achieving manufacturing that is a "step ahead of the times".