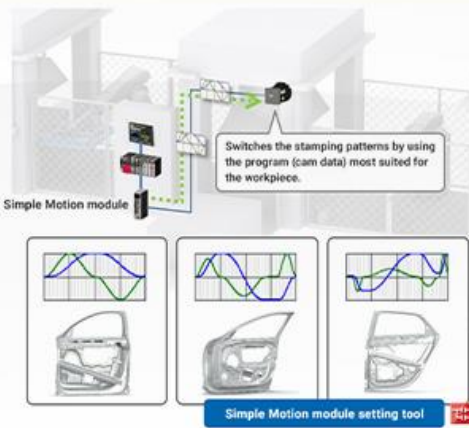


Transform Your Press Shop

Boost Efficiency, Flexibility & Uptime



PRECISION AND PRODUCTIVITY FOR AUTOMOTIVE PRESS LINES



Switches the stamping patterns by using the program (cam data) most suited for the workpiece.

Simple Motion module

Simple Motion module setting tool

Boost precision, speed, and safety with Mitsubishi Electric automation

- Improved Production Efficiency
- Seamless Line Integration
- Predictive Maintenance Ready
- Enhanced Quality Control

The automotive press shop is evolving, and manufacturers are under constant pressure to achieve higher efficiency, flexibility, and reliability. Mitsubishi Electric's **e-F@ctory-integrated press automation solutions** helping production lines cut energy costs, accelerate die changeovers, and minimize downtime with predictive technologies.

✓ **Slash Energy Waste with Regeneration**

During deceleration, feeder servo motors generate excess energy that often goes unused. With Mitsubishi Electric's **MR-CV power regeneration converter**, this energy is reclaimed and fed back into the system or grid—reducing heat, space requirements, and operating costs.

For multi-axis systems, our amplifiers automatically share regenerable energy across drives, making it an ideal solution even for compact press shops.

✓ **Speed Up Die Changeovers with Flexible Cam Control**

Changing dies doesn't need to mean extended downtime. With **program-switchable cam patterns**, setup becomes faster and more flexible:

- Create and edit cam data easily using **Simple Motion modules**
- Switch between linear, two-way, or feed cam operations within seconds

The result? Production lines that adapt quickly to different materials and models without losing valuable operating time.

✓ **Minimize Downtime with Predictive Vibration Monitoring**

Unplanned stops can be costly. Mitsubishi Electric's **predictive vibration monitoring** helps detect servo motor wear and gear misalignment early:

- Monitor multi-channel sensor data directly on **GOT HMI**
- Visualize critical frequency bands and performance trends in real time
- Schedule maintenance before minor issues escalate

This predictive approach keeps press lines running smoothly and continuously.

Why Choose Mitsubishi Electric e-F@ctory Press Solutions?

- **All-in-one:** Controller, regenerative drives, servos, motion modules, and HMI in one ecosystem
- **Modular & scalable:** Tailored to fit any press shop size and complexity
- **Smart integration:** Perfect for modern factories aiming for mixed-model flexibility and sustainable operations

Click here to learn more about this Mitsubishi Electric Solutions <https://bit.ly/4gw4v1d>

mitsubishi electric indonesia

Factory Automation and Industrial Division

Branch Office

Jl. Kenari Raya Blok G2-07A, Delta Silicon 5,
Lippo Cikarang - Bekasi 17550, Indonesia
Phone: +62-21 29617797

Head Office

Gedung Jaya 8th floor, JL.MH. Thamrin No.12
Jakarta Pusat 10340, Indonesia
Phone: +62-21 31926461



www.mitsubishielectric.com/fa/id

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