

Lean Automation Packs

Packaged Solution for Standalone
Machine Control in One Box



Servo Option

OR



AC Drive Option



Packs include everything you need: micro PLC, operator interface terminal, software, step-by-step setup guide and more.

- » Pre-engineered products cut design time 50%
- » Scalable, high performance system
- » Ultra-compact parts build small footprint panels

Your fastest way to automate machinery

Lean Automation Packs

Omron delivers a one-box Lean Automation solution for small machines that cuts your upfront design, engineering and commissioning costs by 50%. We take the guesswork out of ordering powerful, scalable automation systems. Streamline your process with:

- Pre-engineered, high-performance products
- Step-by-step installation instructions
- Detailed wiring diagrams
- Sample programs for popular functions
- Simplified ordering: One part number, one supplier, no confusion
- 25% discounted price compared to parts ordered separately

It all adds up to faster time to market and a quicker return on your investment.

Ready-to-install, complete automation

Each pack builds a complete, compact and scalable high-performance solution to handle speed control with an AC Drive (inverter) or position control with a servo drive and motor.

- Ultra-compact components build a space saving panel with a small footprint
- Best-in-class, expandable controls offer a scalable automation solution
- **Two options:** position control (Servo) or speed control (AC Drive) packs

One Software for your Entire Machine

Lean Automation Packs include CX-One Lite software that sets up micro PLCs, operator interfaces, motion logic and networks in a single platform.

- Simple drag-and-drop setup
- Function block and device interface libraries cut programming time
- Simulates PLC-HMI interaction without hardware



One servo-based Lean Automation Pack delivers a complete solution for precise positioning on a labeling machine.

One Box... Two Options

Servo Drives and Motors for Positioning



Achieve highly accurate position control that meets high throughput requirements and manufacturing to the highest quality standards. Built-in vibration damping shortens transit time and improves position accuracy.



Position Control Applications

- Cut-to-length machines
- Labeling and printing
- Rotary or linear indexing
- X-Y table
- Filling machines
- Packaging equipment
- Sealing

Part #	Included with complete pack
LAP200	One 200W SmartStep2 Drive with Servo Motor, 230V 1-Ph
LAP400	One 400W SmartStep2 Drive with Servo Motor, 230V 1-Ph
LAP750	One 750W G5-series Drive with Servo Motor, 230V 1-Ph

AC Drives for Speed Control



Get high performance speed control of any NEMA B induction motor. Move high torque loads from a standstill. Built-in "Safe Torque Off" function provides Category 3 safety.



Speed Control Applications

- Cutting & bending
- Conveyors
- Gate control
- Grinding & polishing
- Washing systems
- Ventilation & exhaust
- Pumps
- Refrigeration
- Spray & paint machines
- Industrial ovens
- Mixers
- Stretch wrapping equipment

Part #	Included with complete pack
LAP187	One ¼ HP 3G3MX2 Drive, 230V 1-Ph
LAP373	One ½ HP 3G3MX2 Drive, 230V 1-Ph
LAP746	One 1 HP 3G3MX2 Drive, 230V 1-Ph

So Convenient...Everything You Need in One Box

Omron provides everything you need. You just supply a few basic tools and a laptop computer.

In addition to the AC drive or Servo, you get:

- 1 Color Operator Interface Terminal - (NV3Q-SW21)
- 1 Micro PLC - (CP1L-M30DT1-D)
- 1 RS-232 Comm. Option Board - (CP1W-CIF01)
- 1 CX-One Lite Software - (CXONE-Lite)
- 1 Power Supply - (S8JX-G05024CD)

Documentation

- 1 Quick Start Guide with simple step-by-step instructions.
- 1 Resource DVD with sample programs, manuals and documentation

Hardware and Tools

- 1 Operator Interface Terminal cable - (XW2Z-200T-3)
- 1 USB Cable - (USBAB6BLK)
- 1 Screwdriver, 2.4mm blade





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Authorized Distributor:

Automation Systems

- Programmable logic controllers (PLC) • Human machine interfaces (HMI) • Remote I/O
- Industrial PC's • Software

Motion & Drives

- Motion controllers • Servo systems • AC drives

Control Components

- Temperature controllers • Power supplies • Timers • Counters • Programmable relays
- Digital panel indicators • Electromechanical relays • Monitoring products • Solid-state relays
- Limit switches • Pushbutton switches • Low voltage switch gear

Sensing & Safety

- Photoelectric sensors • Inductive sensors • Capacitive & pressure sensors
- Cable connectors • Displacement & width-measuring sensors • Vision systems
- Safety networks • Safety sensors • Safety units/relay units • Safety door/guard lock switches