



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

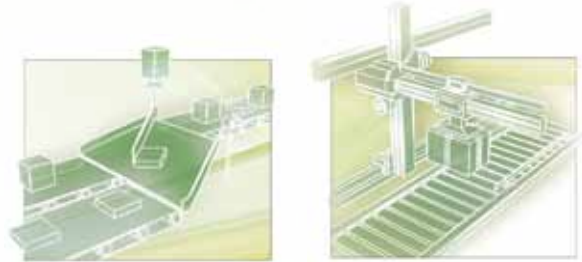
- Cut-to-length machines
- Labeling and printing
- Rotary or linear indexing
- X-Y table
- Filling machines
- Packaging equipment
- Sealing

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