

LIGO

Compact design.
Serious performance.

C-One Ligo is the new arm rotating wrapping machine developed to offer high performance in a compact and good value for money solution. One of the first things that stands out is its new design, with a cleaner and more modern look that makes the machine easy to integrate into different production environments. The rotating arm system keeps the pallet stationary throughout the wrapping cycle, making **Ligo** particularly suitable for heavy, unstable or irregular loads. Built for intensive use, the machine relies on a robust slewing bearing system that ensures smooth and reliable arm movement even at high production rates. **Ligo** delivers fast and consistent wrapping cycles, while the integrated power pre-stretch system helps maintain controlled film tension and optimize film consumption without compromising load stability. Thanks to its compact footprint, solid construction and competitive positioning, **Ligo** is a practical choice for customers looking for a reliable rotating arm solution for demanding applications.

Technical Data

- ↑ Height: **3445 mm**
- ↔ Width: **3065 mm**
- ↗ Length: **4041 mm**
- 📦 Weight: **462 Kg**
- ⚡ Power supply: **230 VAC 3PH+N**
- ⚡ Power absorption: **1,15 kW**



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PRODUCT SPECIFICATIONS

- ➔ Electronic printed circuit board for the management of the cycle
- ➔ Frequency controller for carriage speed adjustment
- ➔ Frequency controller for arm rotation speed adjustment
- ➔ Maximum height of pallet: 2400 mm
- ➔ Max size of the pallet: 1200x1000 mm
- ➔ Power pre-stretch carriage
- ➔ Photocell to detect the pallet height
- ➔ Safety stop loop at the base of the mast
- ➔ Stop at 0 position
- ➔ 3 password levels (including lock password)
- ➔ Adjustable parameters by the control panel without password: cycle selection, bottom laps, top laps, topsheet cycle parameters, rotation speed, carriage ascent speed, carriage descent speed, film tension, starting wrapping height
- ➔ Quick selection of 6 main parameters or saved programs
- ➔ USB port to upload software and download settings and reports
- ➔ Statistics
- ➔ 6 working cycles: ascent/descent, topsheet, only ascent, only descent, layers, stack
- ➔ only descent; layers; stack
- ➔ Storage of 32 end user programs
- ➔ 3 working ways: semimanual, semiautomatic, fixed height
- ➔ Strengthening operation
- ➔ Acoustic warning at the cycle beginning and stop
- ➔ Autodiagnostic
- ➔ Wrapped pallet counter
- ➔ Powder coating
- ➔ Braked arm at the end of the cycle

MAIN OPTIONS

- ➔ Adjustable power pre-stretch
- ➔ Power pre-stretch with auto cut-off system
- ➔ Roping system
- ➔ 3000 mm max wrapping height
- ➔ Bigger arm radius for 1200x1200 pallets
- ➔ Remote control
- ➔ Photocell for dark loads
- ➔ Mechanical system to brake roll containers
- ➔ Safety fences
- ➔ Pillar
- ➔ Touch screen panel



Control Board



Power pre-stretch Carriage



Slewing bearing system



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