

CLS Compact L Sealer

Fully automatic L sealer and tunnel combination

PackagingIntelligence



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Technical Specifications

Maximum Packaging Sizes: W:300 x L:350 x H:120mm	Minimum Package Width: 50mm	Air (Supply / Consumption): 6 Bar, 5 liter/cycle
Sealer Opening: 150mm	Maximum Film Width: 550mm	Installed Power: 14 kW, 400V, 18A, 3 Phase, 50-60Hz
Conveyor Speed: 20 mt/min	Film Thickness: POF 7-37 micron	Average Consumption: 9 kW
L - Sealer Sizes: 420 x 450mm	PE 30-40 micron	Dimensions (Width x Length x Height): 1600 x 3245 x 1850 mm
Working Height (D): 860mm	Maximum Roll Diameter: Ø 250mm	Palletized Size (Width x Length x Height): 1500 x 3400 x 1640 mm
Conveyor Belt Width: 320mm	Color: Mixed grey + RAL7015 + RAL7010	Weight (Net / Gross): 965 kg / 1060 kg

** Kissing Belt requires air. Air requirement: 6 Bar, Air Consumption: 1 liters / cycle

Advantages:

- Minimized layout requirement by compact single-chassis design
- The most feasible automatic solution for average capacity processes
- Easy to integrate with the production lines directly
- Recordable and re-callable temperature value adjustments

Features:

- Reduced energy consumption and increased esthetic look by Diamond design
- Adjustable speed of tunnel conveyor for optimized heat application period
- Roll nesting and brake system to stop/run the roll without excessive film release
- Bottom-circulated shrink tunnel for 30% in energy efficiency and shrink quality
- Individual drivers for each motor for precise motor control thru the HMI.
- Automatic post cooling mechanism for cooling down to 70°C before switch off
- Additional emergency temperature control system against fire risk
- Automatic length detection by sensor synchronized with encoder control
- User-friendly colorful touch screen operator panel
- Automatic packaging film drive with tension control
- Automatic trim winder with tension control
- Feeding frequency control by sensor detection and PLC command
- Ability to read instant (or total) realized capacity by counter
- Strong needle-wheel frame structure for air discharge perforation
- Heat adjustment with digital PID control
- Air circulation control by side flap handles

Sealing:

- Easily adjustable sealing frame for center seal positioning.
- Fully Teflon coated L shaped hot bar-knife system
- PID controlled sealing temperature inserted by touch panel
- Alternative sealing blade structures for various packaging material
- Product clearance control under seal bar by sensor

Flexibility:

- Easily adjustable for varying product sizes and capacity requirements
- Various language options and adaptable touch keyboard
- User friendly designed trim-winder for easy and prompt trim unloading
- Less layout space requirement by embedded easy-to-open film roll drawer
- On-screen adjustable frontal and hinder gaps

Optional:

- Linear sealing ability for various heights by Center-Seal system
- Proper passage of short products by Linking Conveyor
- Printed Film applicability by marker detection sensor and programming
- Ability to use single layer flat film by Center-Folding Unit
- Ability to control additional conveyors by inverters
- Speed inverter for air circulation fan of heat tunnel
- Chain lift-up system to easily switch in between PE/POF material
- Tunnel conveyor alternatives: Wire Mesh, Teflon Mesh or Plastic Mesh

Quality:

- ISO9001 quality standards with the relevant norm's confirmation
- World-wide brands for all mechanical, electrical and pneumatic components
- CE certifications, complies with the latest CE directives
- One year warranty on non-wearable parts (expandable)
- Manufacturer's guarantee for spare part stock and after sales support
- Manufacturer's guarantee for spare part stock availability up to 5 years

