

Auto Sleeving Machine DSL-800A



MACHINE FEATURES

- 1. Multiple communications interfaces for DeviceNet, ControlNET, EtherNet/IP, Profibus DP and analog, to increase system compatibility.
- 2. Safety guard combined with color touch panel control system ensures machine is operator friendly.
- 3. No need to change the specially designed cutter plate within rated specification. Change of cutter plate in only three minutes.
- 4. Instead of conventional control, we use network based advanced communication fuzzy servo control system to increase accuracy and speed.
- 5. Special sleeve cutting curve system, to achieve smooth and clean sleeve cut edge result.
- 6. Suitable for fully auto adjustment speed parameter to satisfy customer's production line upstream and downstream automation system.
- 7. No need to adjust label or bottle sensors when changing speeds.

PACKAGING TYPES



Cap
Sealing Type



Overall
Bottle Type



Full Body
Labeling Type



Fixed Middle Body
Labeling Type



Underlap
Labeling Type

Innovative Features

- 1. Touch screen made by Allen Bradley, recognized worldwide for high quality products.
- 2. Standard PackML Package Machine Language simplifies customization and integration.
- 3. Automatic zero calibration.
- 4. User friendly design-auto mode, manual mode, design parameter and I/O status.
- 5. Quick troubleshooting search/repair process.
- 6. Full control of the automation system thru the HMI.
- 1. Modularized programming makes system easy to modify and maintain.
- 2. S-Curve control of line speed acceleration/deceleration eliminates need for multi stage speeds; operators key-in target speed and the system calculates accel/decel rates automatically.
- 3. No need to adjust mark and bottle sensors when changing speeds.
- 4. Machine starts and stops, depending on infeed and outfeed status.
- 5. Servo-powered index cutter synchronized with main conveyor for improved accuracy.
- 6. Automatic synchronization with marker feature moves film to the marker for cutting, improving operator safety.
- 7. Advanced algorithms smooth servo motor operation, reduces mechanical jerk.
- 8. Multiple communications interfaces for DeviceNet, ControlNET, EtherNet/IP, Profibus DP and analog, to increase system compatibility.

Specification

Max speed	800BPM.
Bottle Diameters	ψ25mm~ψ125mm.
Film Material	PVC /PET /OPS.
Film Width	PVC: 0.035mm~0.08mm, PET: 0.04mm~0.06mm, OPS: 0.04mm~0.06mm .
Machine Size	1500mm*1090mm*3470mm(L*W*H) .
Voltage	3P;220V,380V,415V,440V/460V (Choose one from the given selection).