

Auto Sleeving Machine DSL-600A



MACHINE FEATURES

- 1. Multiple communications interfaces for DeviceNet, ControlNET, EtherNet/IP, Profibus DP and analog for increase system compatibility.
- 2. Optional ground label unwinder is available for DSL-600A for convenient changing of sleeves.
- 3. safety guard combined with color touch panel control system ensures machine is operator friendly.
- 4. No need to change the specially designed cutter plate within the rated specifications. Change of cutter plate in only three minutes.
- 5. Forceful insertion designs can lower production costs.
- 6. Integrated design for the entire transmission accommodates different label specifications of maximum convenience.
- 7. Accommodates film paper core size of 5" to 10" with variable adjustments.
- 8. Machine can be tilted to facilitate label insertion on straight bottles without mouth.
- 9. With latest communication control system to increase sleeving accuracy and speed.
- 10. Programmable servo soft motion control enhances working life and stability.
- 11. No need to adjust label or bottle sensors when changing speeds.

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 progamming 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	600BPM.
Bottle Diameters	φ25mm~φ125mm.
Film Material	PVC /PET /OPS.
Film Width	PVC: 0.035mm~0.08mm, PET: 0.04mm~0.06mm,OPS: 0.04mm~0.06mm .
Machine Size	1190mm*1090mm*3390mm(L*W*H) .
Voltage	3P;220V,380V,415V,440V(Choose one from the given selection).

PACKAGING TYPES



Cap Sealing Type



Overall Bottle Type



Full Body Labeling Type



Fixed Middle Body Labeling Type



Underlap Labeling Type