

# HLS

## Next Generation Sensor Stretch Wrapping Machine

### Features and benefits

- Heavy duty steel structure with box type column.
- AC Drives and Motors – Reduced maintenance and better performance
- SIGNODE- Powered pre-stretch , variable up to 300%
- Automatic pallet height sensing with sensor.
- 2.6 Mtr wrapping height suitable for high cube container
- PLC Controlled with digital display of stretch % and weight of the film consumed per pallet
- Reinforcement wrap function – for desired no of wraps at any given height of the pallet.
- POB rollers for turntable – Low noise ,High reliability, and uptime.



## Next Generation Sensor Stretch Wrapping Machine

### Technical specifications

#### Performance

Loads per hour	Up to 30
Turn table speed	Up to 10 rpm variable
Maximum load size	1200mm(L) x 1200mm(W)x 2600mm(H)
Maximum load weight	2000 kg (Centered)
Minimum wrap height	Turn table surface

#### Turn table

Table diameter	1600mm
Support rollers	High resistance POB rollers
Drive system	Chain and sprocket type
Drive motor	1.0 HP, 415 VAC, 3ph,50 Hz
Turntable bed height	90 mm from the ground

#### Machine Dimensions

Machine length	2900mm
Machine width	1610mm
Machine height	2800mm
Machine weight	700kg ( Approx)

#### Power requirements

230vac, 1phase, 50 Hz, 16amps, 2kw

### Technical specifications

#### Film delivery system

Pre-stretch type	Powered pre-stretch
Film stretch	Variable stretch up to 300%
Film roll width	508mm ( 20")
Film roll Diameter – Max.	254mm ( 10")
Core size	76.2mm ( 3")
Min. film tension	0.5 kg ( approx)
Film force control	Electronically-Adjustable
Carriage speed	Adjustable, UP/Down speed through VFD
Powered pre-stretch motor	0.5HP, 415 VAC, 3ph, 50 Hz

#### Electrical Controls

Controller type	PLC
Load height sensing	Photo eye
Wrap pattern	Variable wrap selection for both top and bottom wraps with reinforce wrap option
Stretch % and film consumption per Pallet display	Digital text display
Speed controllers	VFD speed controls

### User friendly

- Easy film threading through the pre-stretch unit.
- Inbuilt electrical Panel and convenient control panel
- User friendly push button controls for operator inference
- Column with tilting provision for ease of

### Safety

- Soft start/stop
- Box type column with elevator motor and chain inside the column
- Safety and dust proof
- Emergency stop push button, Cycle pause option.



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