

FELP

Semi automatic stretch wrapping machine

Features and benefits

- Heavy duty steel structure with aluminum column
- AC drives and motors – reduced maintenance
- Automatic pallet height sensing with sensor
- PLC Controlled with digital display of stretch % and weight of the film consumed / pallet
- Reinforcement wrap function – for desired no of wraps at any given height of the pallet
- Step stretch unit- Stretch adjustment through change of sprockets
- Turntable load bearing capacity – 2 MT



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Technical specifications

Performance

Loads per hour	Up to 30
Turn table speed	Up to 9 rpm variable
Maximum load size	1200mm(L) x 1200mm(W)x 2400mm(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

Length	2900mm
Width	1610mm
Height	2800mm
Weight	700kg (Approx)

Power requirements

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

Technical specifications

Film Delivery System

Pre-stretch type	Step pre-stretch
Film stretch	Step stretch 100%,200% & 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 with by-pass option
Wrap pattern	Fixed top and bottom wrap selection with Reinforce wrap option
Stretch % and film consumption / pallet	Digital Text display
Speed controllers	VFD speed controls

User friendly

- Easy film threading through the pre-stretch unit
- Operator interference through push button controls
- Loading ramp-for ease of loading pallets with hand trolley
- Variable frequency drives for speed controls of turn table, elevator and pre-stretch

Safety

- Soft start/stop
- Emergency stop push button, Cycle pause option



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