

## **FABRIC ROLL STRETCH WRAPPING MACHINE**

### **Application:**

Wrapping curved surface of reel with stretch film, run in circular motion upon a motor powered two rollers, which make the reel curved surface dustproof, tamper proof, splash proof, also prevent it from minor collisions and make the reel stable and firm while transportation by road, rail, air or sea.

### **Features:**

- PLC control make it more flexible and convenient to use.
- Powered Pre-stretch unit which stretched up the film upto 300% which results in cost effectiveness.
- Easy control settings from HMI Display.
- Rubber pasted rollers to minimize noise and long durability.
- Bought out components are of very reputed make like Schneider, FUJI, Delta, Havells, etc.
- Machine can be customized as per the product size requirement.
- Robust construction and high quality fabricated M S Body.
- Powder coated structure to make it aesthetically good.
- Motorized sideways movement of Pre-Stretch unit.
- Film overlapping can be adjusted through VFD control.
- Emergency push switch button to kill ongoing operation in case of any mis happening.
- All AC motors and AC drives for reliable and durable industrial performance.



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### **Mechanical and Technical Specification:**

Power Roller Length	:	4000 mm
Maximum Load Weight	:	500 Kgs
Maximum Load Height	:	500 mm
Machine Dimensions	:	5000 x 1000 x 2500 mm
Power Supply	:	3 Phase
Power Required	:	2 HP (Driving Roller Motor – 1HP Pre Stretch Motor – 0.5 HP Pre Stretch Movement Motor – 0.5 HP)
Controls	:	Programmed PLC with HMI (Delta)
Stretch Capacity	:	up to 300 %
Machine Body	:	MS Fabricated
Working Height	:	600mm
Pre Stretch Drive	:	Chain Sprocket
Speed	:	Variable controlled by VFD (All Motors)
Drive	:	AC (Delta)
Motor	:	AC (ROBOX)
Gear Box	:	Worm Type (ROBOX)
Machine Weight	:	900-1000 kgs approx..
Packing Speed	:	Up to 20 reels per hour (Depending upon the efficiency of the operator)
Film Material	:	LDPE Stretch Film (Machine Grade)
Maximum Film Width	:	500 mm

### **Film Specification:**

Film Material	:	LDPE Stretch Film
Film Roller Diameter	:	250 mm max
Core Size	:	76 mm
Roll Width	:	500 mm max
Film Thickness	:	29 micron.

