

# HEAVY DUTY WINDERS

for tapes / filaments

Step Precision Winder

Heavy Duty Winder

High Quality Packages

Constant Winding Tension

Low Maintenance



# HEAVY DUTY WINDERS

for tapes/filaments

These heavy duty take up winders are developed for winding of fibrillated tapes, technical/coated/stretched yarns.

The winder has an electronic gearbox which eliminates the use of traditional pulleys to change the winding ratio. The wind ratios are set from a central HMI which reduces down time for set up changes. The yarn tension and the bale roller pressure are controlled by a microprocessor based control system.

## Heavy duty winder for tapes and yarns

### Centralized Tape/Yarn

**Tension** changes at preset diameters as per the desired values entered in the HMI

**Indication** for pre-set length/diameter of package

**Alarm** for tape breakage and pre-set diameter

### Centralized Bale Roller

**Pressure** changes at preset diameters as per the desired values entered in the HMI

### Centralized Machine Controller:

A Microprocessor based control system is used for setting and adjusting the various machine and process parameters including storage of recipes

### One Button Engage/

**Disengage** of back-stroke brake with pneumatic movement of traverse unit

### Individual Tape/Yarn

**Tension Control** through proportional electro-pneumatic cylinder on dancing arm

	LFW 500 JE LTW 500 JE
Tape Type	PP Fibrillated
Denier Range	10,000 - 100,000 <sup>#</sup>
Winding Tension	1,000 - 10,000 <sup>#</sup> cN
Traverse	500 mm
Take Up Spindle	105 mm Tubeless <sup>**</sup>
Maximum Bobbin Diameter	700 mm
Winding Speed Mechanical (max.)	70 - 300 <sup>**</sup> m/min
Take-Up Weight (max.)	100 kg
Frame Size (L X W X H)	1.2 x 1.5 x 1.7 m

<sup>#</sup>Extreme values indicated are not achievable simultaneously.

<sup>\*\*</sup>Other options on request.

\*Different winding speeds may require change of spindle pulley.

Specifications are subject to change without prior notice, due to continuous developments. These are indicative and not binding.

The pictures may show optional equipments that are not a part of the standard supply.

For details, refer to the quotation.

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