



LEXON Tape Winders

For Raffia Products

Series L 200

Series L 200 inverter driven Tape Winders (earlier known as Inverta 45) are an ideal choice for producing high quality precision cross wound packages of flat/fibrillated tapes. They are compatible to work with modern high speed tape extrusion plants and circular looms. They are designed to give high output, optimum quality, reduced wastage and lower downtime. The structures offer space saving layouts.

Model L 200 M Tape Winder is the basic inverter driven winder with a preselected wind ratio using timer belt pulleys. Simple construction and reduced moving parts make it a low maintenance winder. Lower frictional and inertial losses in the mechanism ensure a low power consumption. Yet, the high performance to price ratio is the most attractive feature of this winder

Model L 200 E Tape Winder is equipped with an electronic gearbox to automatically vary the wind ratio (crossing angle) as the diameter of the wound package increases. This ensures unwinding of package at constant tension at higher pick speeds thereby resulting in minimum width variation of the woven fabric. This winder has 2 sets of energy efficient induction motors and frequency drives to control the speeds of winding spindle and cam independently. Winding tension on spring loaded dancer arm is adjustable with a graduated knob. Reduced cam speed results in lower power consumption and longer service life. A length measurement and annunciation device facilitates producing packages of equal preset lengths thereby eliminating wastage of leftover tapes in unwinding. Quick, easy and online recipe configuration provides optimum winding quality of a wide variety of tape widths and deniers.

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Three Decades of Excellence in Winding

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TECHNICAL DATA

Model	L 200 M	L 200 E
Speed Control	3 Ph Freq. Drive	3 Ph Freq. Drive
Wind Ratio	Mechanical	Electronic Variable
Tape Width** mm	1.8 to 4	1.8 to 4
Denier**	400 to 2000	400 to 2000
Traverse	200 mm	200 mm

CORE TUBE DIMENSIONS

Inner Diameter*	35 mm	35 mm
Outer Diameter*	40 mm	40 mm
Length*	218 mm	218 mm

CAPACITY

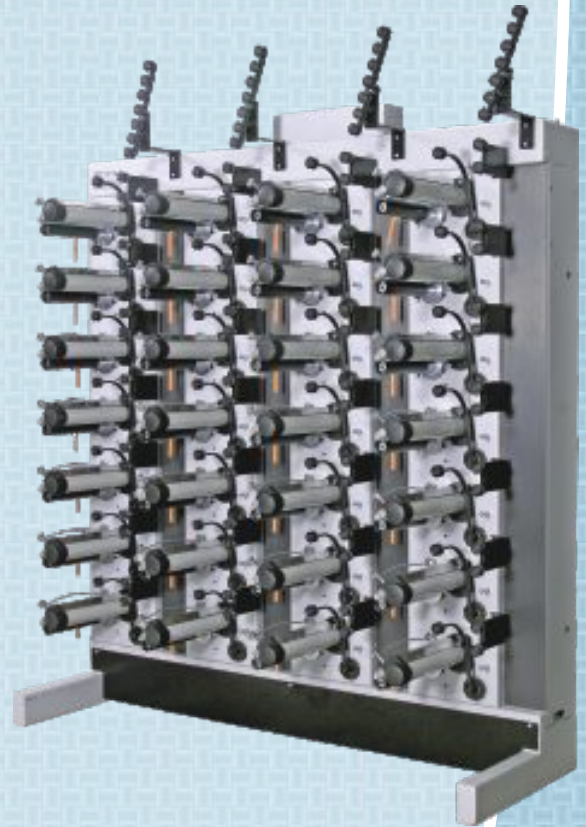
Winding Speed**	200-425 M/min	200-500 M/min
Max. Bobbin Diameter	130 mm	140 mm

SPACE CONFIGURATION

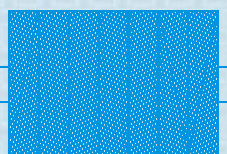
Spindles per Frame	28	12
Layout	7 high, 4 Across	6 high, 2 Across
Floor space (LxW mm)	1672 x 575	1031 x 775

* Special versions on request

** Max values may not be combined



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