
TWISTMAX

“MAXIMUM FLEXIBILITY IN TWISTING MACHINES”

Double sided Ring Twisting machine is manufactured by TWISTECHNOLOGY, with materials that avoid friction to keep intact the quality and properties of the yarn. The machine can be extended in the future with more modules.

TECHNICAL FEATURES

TRANSMISSION: Patented special system of transmission through *timing belt* and individual motor for every 2 spindles. This system assures maximum speed, no yarn slippage with big capacity bobbins, efficient operation and a minimum maintenance. Twist mechanical guarantee.

SPEED: Maximum spindle speed: 7,500 rpm mechanical. Real production speed depends on the kind of yarn (material and count).

TWIST GUARANTEE: Twist is guaranteed mechanically through the special system of transmission and electrically through a system of speed regulators. TWISTECHNOLOGY guarantees their unique “Total Twist Quality”. Patented special system

FEED ROLLERS: Individual drive rollers per spindle with a press roller with a “no-slippage” system. One motor drives 2 positions.

FRIENDLY USE: Full control through micro-controller. All changes are made through the touch screen and keyboard. No need to change any mechanism or gearing.

METER COUNTER: Individual (every 2 sp) meter counter to avoid waste and to increase efficiency. Automatic spindle-stop when the predefined production is reached. We provide exact number of meters in each bobbin.

BOBBIN SHAPE: Patented cyclical winding system with 5 different bobbin shapes: double flange, conical, double conical and others, maximum bobbin height of 450 mm. Patented special system

RING LUBRICATION: By multi-capillarity, Psm or other systems period.

SELF-STOP: Automatic stop of the machine when all spindles are stopped for more security and to save energy.

TWIST RANGE: You can define a range of twists between 5 and 500 turns /meter.

LUBRICATING OIL PUMP:

Pressure pump can be programmed to lubricate the ring. The lubricating can be programmed in quantity, frequency and volume to adapt it perfectly to each kind of yarn. It is equipped with an individual manual valve for each spindle.

OPTIONS

UNI-OIL SYSTEM: Patented special system

This system shuts down automatically and individually the feed of oil in the ring, if the spindle is idle. We avoid excess oil dripping on the floor

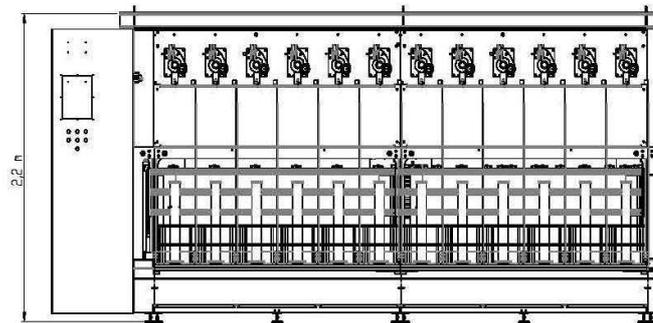
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TECHNICAL FEATURES	UNIT	RING DIAMETER						
		120	140	160	180	200	250	
RING DIAMETER	mm	120	140	160	180	200	250	
GAUGE	mm	180	180	225	225	300	300	
SPINDLES PER MODULE	-	10X2	10X2	8x2	8x2	6X2	6X2	
MAX.NUMBER SPINDLES	-	200	200	160	160	120	120	
MAX.MECHANICAL SPINDLE SPEED	rpm	7500	7500	7000	6500	6250	5900	
	m/min	150						

DIMENSIONS



Headstock length:	600 mm
Length of each module:	1.800 mm
End module length:	200 mm
Total length 1 module.	2.600 mm
Width:	1.238 mm
Height:	2.135 mm

