

TWISTMAX



Maximum flexibility in twisting machines

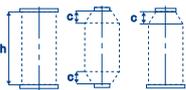
- *Double sided Ring Twisting machine is manufactured by TWISTECHOLOGY, with materials that avoid friction to keep intact the quality and properties of the yarn. The machine can be extended in the future with more modules.*
- *Patented special system of transmission through timing belt and individual motor for every 2 spindles. This system assures maximum speed, no yarn slippage with big capacity bobbins, efficient operation and minimum maintenance. Twist mechanical guarantee.*
- *Maximum spindle speed: 7,500 rpm mechanical. Real production speed depends on the kind of yarn (material and count).*
- *Twist is guaranteed mechanically through the special system of transmission and electrically through a system of speed regulators. TWISTECHOLOGY guarantees their unique "Total Twist Quality". Patented special system*
- *Individual drive rollers per spindle with a press roller with a "no-slippage" system. One motor drives 2 positions.*
- *Full control through micro-controller. All changes are made through the touch screen and keyboard. No need to change any mechanism or gearing.*
- *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.*
- *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*
- *Rings by multi-capillarity, psm or other systems.*
- *Automatic stop of the machine when all spindles are stopped for more security and to save energy.*
- *You can define a range of twists between 8 and 500 turns/meter.*
- *Pressure pump can be programmed to lubricate the ring. The lubrication 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.*



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TECHNICAL FEATURES

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		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	6500	6500	6250	5900
	m/min	150					
Dimensions		Headstock length: 600mm, Length of each module: 1.800mm end module length: 200mm, Total length 1 module: 2.600mm Width: 1.238mm, Height: 2.135mm					

BOBBIN SHAPE	BOBBIN BUILDING
 <p>h, c: can be programmed</p>	

The technology used in this product is protected by appropriate international patents.

OPTIONALS:

TRAVERSE FEED: Increases front rollers lifetime due to slow transversal movement while feeding

UNI-OIL: Dosing control ring oil

TWISTPERFECT: Perfect mechanical and electronical twist (PATENTED SYSTEM)

TWISTDATA: Remote control of production data through PC

INTERNET CONNECTION: Service remote technical assistance

ADDITIONAL COMPONENTS:

CREEL: Special designs creels filé or roulé for all kind of bobbins according customer's requirements

TRAVELLERS: All type of travellers available

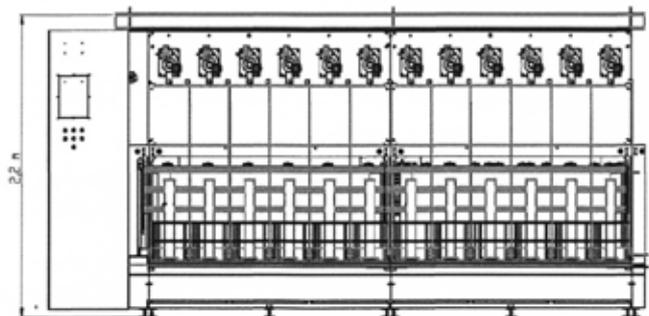
BOBBINS: All type of bobbins, tubes, spools and doublé flanged bobbins available

RING OIL: Lubricating oils for rings and other components

YARN BREAK DETECTORS: Different types of yarn break detectors available

YARN TENSION CONTROL: Different types of yarn tension detectors available

COVERING AND WRAPPING DEVICES: Special accessories for coating interior alms



TWISTEchnology reserve the right to modify the dimensions and the technical details of the machine, without notice.