

TANDEM



Maximum quality in twisting technical yarns

- *Maximum speed 200 m/min feed rate.*
- *Twist quality: automatic self-control and adjustment system to ensure perfect twisting.*
- *Maximum capacity: bobbins of up to 600 mm in height and 53 liters capacity.*
- *Fully electronic: all the changes are made by touchscreen..*
- *100% flexible machine: the whole machine may work on the same product or independent spindles used to optimize production of small jobs and test runs.*
- *Individual stop by output meters for every two spindles.*
- *Constructed from materials which reduce friction to a minimum while maintaining the quality and properties of the yarn. Specially designed for twisting technical and delicate yarns.*
- *Direct on-screen display and adjustment of all parameters.*
- *Possibility of programming different speeds to optimize production during the different phases throughout bobbin building process, respecting differences in tension and the balloon effect.*
- *Memory: the data for each product is stored in memory for fast repetitions of any job.*
- *All doors and safety devices according to CE requirements.*
- *Adaptation to the Customer supplied bobbins or the bobbins required for the following process.*
- *Adaptation of any option available in the market.*

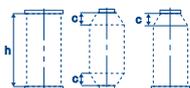


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TECHNICAL FEATURES

TECHNICAL FEATURES	units	TDM 16/140	TDM 14/160	TDM 12/200	TDM 10/250	TDM 8/300	TDM 6/400
Number of spindles	---	16	14	12	10	8	6
Gauge	mm.	180	215	250	300	375	500
Ring diameter	mm.	140	160	200	250	300	400
Max. Mechanical feed speed	m/min.	200					
Max. Mechanical spindle speed	rpm	7500	7500	6500	5500	4000	3500
Machine dimensions	mm.	Long: 3.8m ; Large: 1.3m ; Height: 2.05m					
Yarn							
Shape and dimensions of bobbins	---	Any kind of shape package					
Number of yarns to be plied	---	Unlimited					
Twis range	twist / meter	Any twist between 8 - 750					
FINAL BOBBIN							
Bobbin shape	---	Double flange, bottle, biconical. Adaptation to the customer bobbins.					
Max. Ring holder traverse	mm.	600					
Maximum capacity	litres	4.5	6.5	12	18	28	53

BOBBIN SHAPE



h, c: can be programmed

BOBBIN BUILDING



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)

INDIVIDUAL FRONT ROLLERS: Allows more flexibility in production

DOFFING: Individual or global doffing system for heavy bobbins

TWISTDATA: Remote control of production data through PC

INTERNET CONNECTION: Service remote technical assistance

SIMPLE TRANSMISSION: One motor two/four spindles for cost reduction

INDIVIDUAL SECTION: Two machines in one, Independent front rollers

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

COPLIFTER: Special doffing device for textile spinning tubes



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