

Tandem

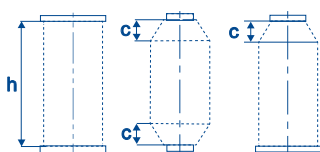


Maximum quality in twisting technical yarns

- 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.

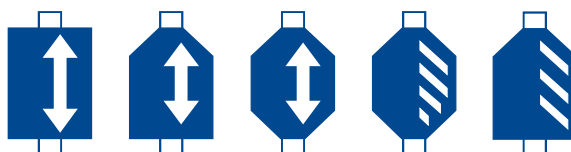
Technical features	units	TDM 16/140	TDM 14/160	TDM 12/200	TDM 10/250	TDM 8/300	TDM 6/400
Number of spindles	-	16	14	12	10	8	6
Gauge	mm.	180	215	250	300	375	500
Ring diameter	mm.	140	160	200	250	300	400
Max. Mechanical feed speed	m/min.	200					
Max. Mechanical spindle speed	rpm	7500	7500	6500	5500	4000	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



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

TWIST MOTOR: individual motor spindle

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

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

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

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