

TWISTAR



Twisting thick yarns on maximum capacity bobbins

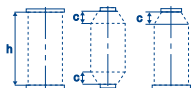
- *Maximum speed 200 m/min feed rate.*
- *Individual feed rate for each module.*
- *Twist quality: automatic self-control and adjustment system to ensure perfect twisting.*
- *Modular machine: the machine can work as a whole, independently by modules or independently by spindles.*
- *Maximum capacity: bobbins of up to 800 mm in height and 130 liters capacity.*
- *All the changes are made by touchscreen.*
- *Toothed belt spindle drive to prevent vibration.*
- *Possibility of programming different speeds to optimize production during the different phases throughout bobbin building process, respecting differences in tension and the balloon effect.*
- *Direct on-screen display and adjustment of all parameters.*
- *Memory for up to 99 different products: 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.*

TWISTAR

TECHNICAL FEATURES

TECHNICAL FEATURES	units	TWG-n/200	TWG-n/250	TWG-n/300	TWG-n/330	TWG-n/400	TWG-n/500
Number of spindles per module	---	4	4	3	3	2	1
Gauge	mm.	312	312	416	416	625	1250
Ring diameter	mm.	200	250	300	330	400	500
Max. Number of spindles	---	80	80	60	60	40	20
Max. Mechanical feed speed	m/min.	200					
Max. Mechanical spindle speed	rpm	6500	5500	5000	5000	4000	3000
Machine dimensions	mm.	Long: 1.7m ; Large: 0.6m + (gauge x nb of spindles); Height: 2.25m					
Yarn							
Shape and dimensions of bobbins	---	Any kind of shape package					
Number of yarns to be plied	---	Unlimited					
Twis range	vtwist / meter	Any twist between 8 - 750					
FINAL BOBBIN							
Bobbin shape	---	Double flange, bottle, biconical. Adaptation to the customer bobbins.					
Max. Ring holder traverse	mm.	800					
Maximum capacity	litres	17	25	41	52	77	130

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

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



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