

## **TWISTEC 3**



### **Flexibility in twisting**

- *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 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.*

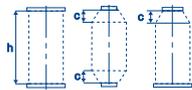


# TWISTEC 3

# TECHNICAL FEATURES

TECHNICAL FEATURES	units	TW3 24/140	TW3 21/160	TW3 18/200	TW3 15/250	TW3 12/300	TW 3 9/400
Number of spindles	---	24	21	18	15	12	9
Gauge	mm.	180	215	250	300	375	500
Ring diameter	mm.	140	160	200	250	300	400
Max. Mechanical feed speed	m/min.	150					
Max. Mechanical spindle speed	rpm	7000	7000	6500	5500	4000	3500
Machine dimensions	mm.	Long: 5.3m ; 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					
<b>FINAL BOBBIN</b>							
Bobbin shape	---	Double flange, bottle, biconical. Adaptation to the customer bobbins.					
Max. Ring holder traverse	mm.						
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

### 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.