

MINI RING TWISTERS

PR T-250 / T-300 / T-375

CODINA[®]
Twisters - Braiders - Winders

PR T-250: 30-25.000 Denier
PR T-300: 300-60.000 Denier
PR T-375: 1.000-125.000 Denier

The PR T with ballon gauges of 250 mm, 300 mm, 375 mm and specials, is a ring assembly-twister for the production of all technical yarns in first and second twist.

It has a left headstock (all components inside except spindle motor) with initial spindles section with 6, 5 or 4 spindles depending of the desired ballon space.


This headstock with initial section can be enlarged very easily at very accessible price up to 4 sections in total (24, 20 or 16 positions) without technician; or to be purchased in one shot. There is a version of long twisting frame in one or two sides.

STRENGTHS:

- Included lowerable creel for ergonomic placement of bobbins for first and second twist.
- Heavy duty construction and reinforced parts.
- To have 30 years of experience in yarn twisting incorporated in the machine; therefore all yarn contact points are according to the maximum reachable tenacity according to each polymer; additionally CODINA introduces some solutions for extra tenacity.
- Independent twist per spindle, per groups of spindles or together for all machine.
- Individual ring supports, separately per spindle, for higher production when making different twist at same time just changing easily the ring diameter. MAXIMUM FLEXIBILITY.
- Special ring lubrication system that converts this machine to the "cleanest" in the market.
- All machine options included inside the final price, very competitive.
- The additional sections are at 1/2 price respect the initial section.
- All parameters, twist, speed, winding type, tension, length, swift productions, USB connections, ERP connexions, remote wifi connections; regulable in the PLC.
- Permanent technical support for new yarns and after sell service, from CODINA. Glow up with the Customer.

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	PR T-250 Rings 50-200 mm	PR T-300 Rings < 250 mm	PR T-375 Rings < 300 mm	PR T-ESPECIAL
RANGE OF YARNS	30-25.000 Denier	300-60.000 Denier	1.000-125.000 Den	OTHERS
TWIST RANGE	2.000-40 tpm 50 - 1 tpi	800-15 tpm 20 - 0,4 tpi	500- 5 tpm 12,7- 0,2 tpi	UNLIMITED (GEAR CHANGE)
SPEED	8.000 rpm	6.000 rpm	5.000 rpm	OTHERS
DELIVERY	2-120 m/min	5 -150 m/min	10 – 200 m/min	OTHERS / WITHOUT TWIST
TWIST PER MINUTE	192.000/section	120.000/section	80.000/section	SPECIAL
NET WEIGHT WITH OTIMUM GEOMETRY (it can increase with other geometries)	PE or PP: 5 Kg Polyamid: 6 Kg Polyester: 8 Kg Aramid: 10 Kg	PE or PP: 8 Kg Polyamid: 10 Kg Polyester: 12 Kg Aramid: 15 Kg	PE or PP: 12 Kg Polyamid:15 Kg Polyester: 20 Kg Aramid: 25Kg	OUT OF RULE IN MOST CASES
MINIMUM SIZE MAXIMUM SIZE	2x1 meter (6 sp) 7x1 meter (24 sp)	2x1 meter (5 sp) 7x1 meter (20 sp)	2x1 meter (4 sp) 7x1 meter (16sp)	From 1x1m

STANDARD EQUIPMENT

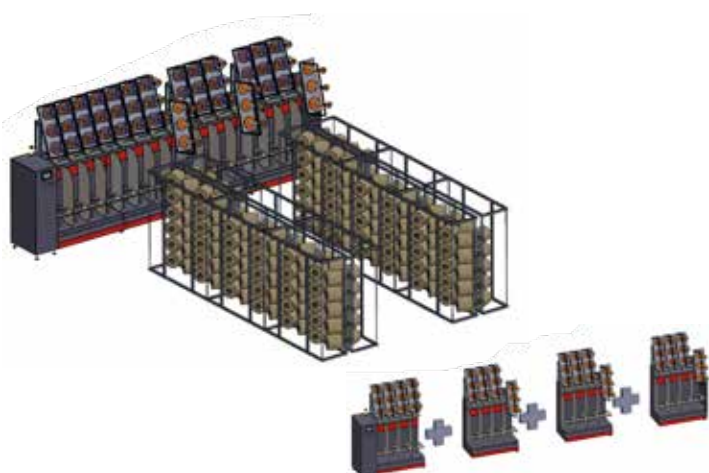
Touch Screen in the PLC with memories for files and connection to USB.

Independent twist per spindle, per group of spindles or per the global machine.

Top creel lowerable to the user chest level.

Feeding yarn breading detector, lapping detector and traveler jump sensor. All 3 included.

5 bobbins per spindle, compatible if desired, with the existing customer bobbins from previous ring twisters that may have.



EQUIPAMIENTO OPCIONAL

- Tailor-made creel in length, height and wide as per Customer's available space. **VERY COMPETITIVE IN PRICE:**
 - Standard one able for 6 bobbins per position + 6 in reserve, which can be up to 12 plies without reserve, which can be up to 12 using the beside creel bobbins. Even 24 plies per spindle when the reserve bobbin is used as main bobbin (extra tensor for this).
 - Yarn breaking detector on creel able for 12 yarns per spindle, instead of 6, in order that the reserve bobbin can play as main bobbin when required.
 - Possibility to use the detector to the right beside spindle's creel when we join and twist more than 12 plies.
- Remote connection to ERP.
- Stroboscope for the exhaustive analisis of tenacities.
- Gadgets for maximum tenacity strength: Yarn contact points to the machine made with specific materials as per the technical yarn to twist. Example: balloon control rings made of special materials and of special forms like: Messing, Matt Chromed, Steel, Delrin, Aluminum, others and forms of round bar, spoon and others).
- Final take down bobbins adapted to the customer's next production step or yarn selling formar. Example the bobbin K-200.
- For BRAIDING: Easy conversion of the machine to multi head parallel winders.