

METAG
TEXTILE TECHNOLOGY

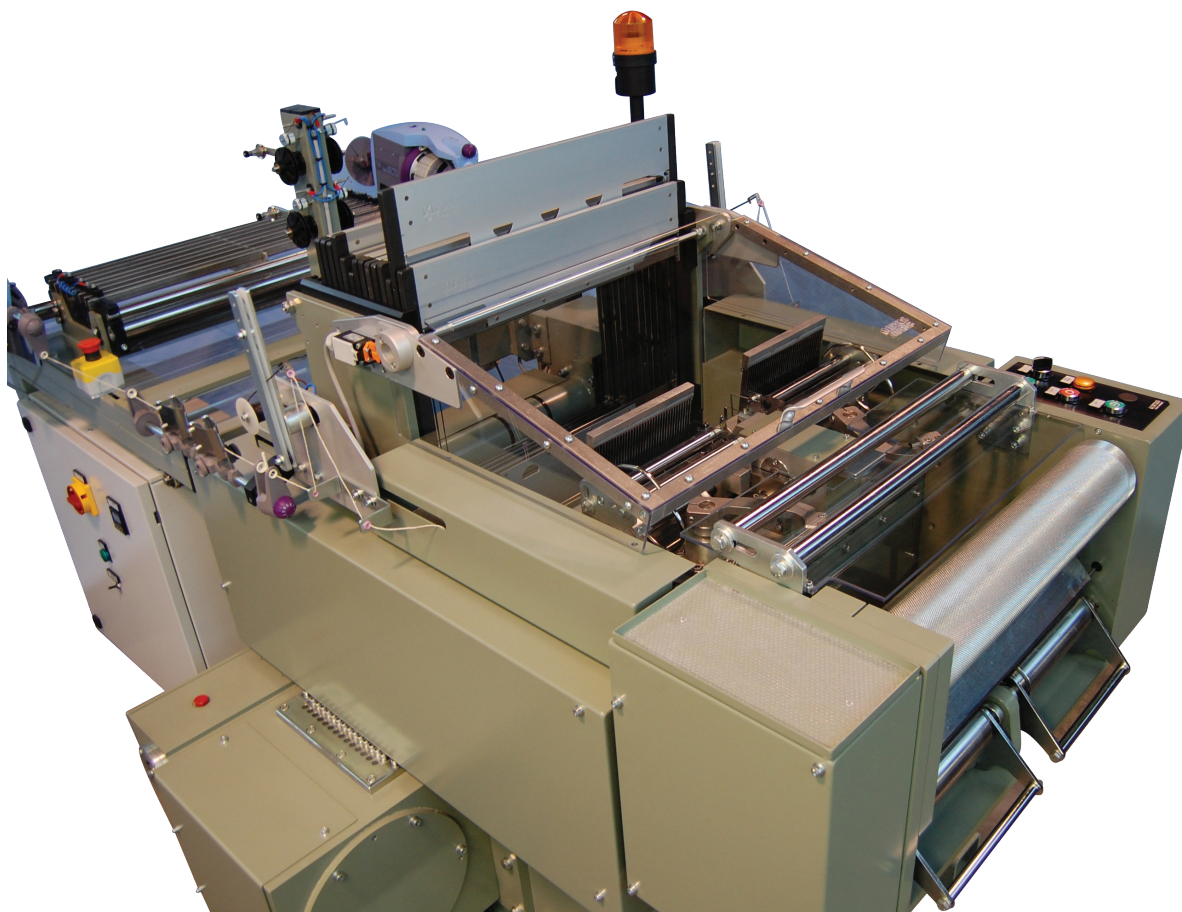
*Bright Minds
Work Alike*

TELAJ AUTOMATICI PER TESSITURA
DI NASTRI PESANTI E SPECIALI

HEAVY DUTY AND SPECIAL
SHUTTLELESS AUTOMATIC LOOMS

TRXA 180

TRXA 180-E



TRXA SERIES

TRXA 180 – TRXA 180-E

The best selling loom for special and heavy duty products, the TRXA 180 is the solution for sling web, tube and belting production challenges. The machine is a two space loom, double weft insertion and equipped with latch needle selvedge binding system for any weaving system required.

The specifications of the TRXA 180 are robust: an oversized take down motion, heavy duty reed holder, robust drive motion and simple component level construction combine to provide a robust loom ready to perform and easy to maintain.

Standard machine TRXA 180 is provided with a mechanical cam box with 14 positive cams and independently adjustable jack levers for variable harness stroke length.

The Metag TRXA 180 features an option for the newest generation of STAUBLI® rotary electronic dobby S-3000. Featuring adjustable harness stroke, 16 harness frames and easy programming via a portable programmer the TRX 180-E enables fast product changes, infinite pick repeats and total flexibility.

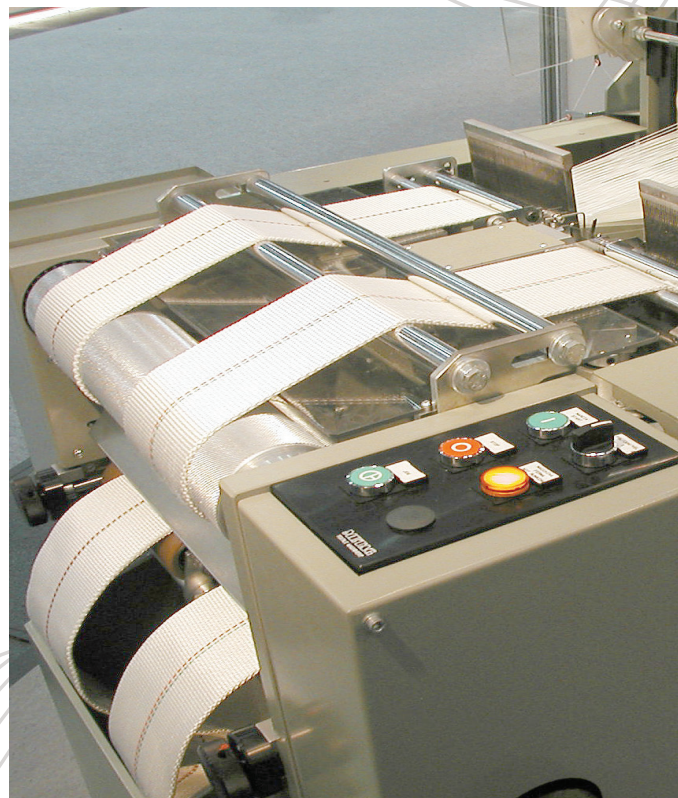
Both versions of the TRXA 180 come standard with features designed to perform the most difficult production challenges.

Principal and Standard features:

- Dual spaces weaving unit
- Latch needle edge-bindings system
- Double positive catch-thread feeder
- Clear open shed, even with high density spun staple yarns
- Double weft feed accumulators, self adjusting and electronically controlled
- Double weft springs unit for fine weft tension adjustment
- Wide warp deflector leasing bars with great lease combination and possibilities
- Heavy duty motors controlled by electronic inverter for speed adjustments settings
- Crawl motor (jog) facility
- Robust and simple construction, enhanced solidity and compactness
- Low vibrations and low noise level
- Minimum servicing and maintenance
- High precision engineered components made in Italy

OPTIONS AVAILABLE (upon request)

- Warp tensioner frame
- Fabric winder (block or spool)
- weft feed accumulator for rough and special yarns
- Special projects in accordance to the Customer request



Technical data	TRXA 180	TRXA 180-E
Selvedge binding	Lacht-needle	Lacht-needle
Spaces	2	2
Reed width (mm)	180	180
Harness frames	14	16
Cam box type	Cam, positive	
Pick repeats	1:6 – 1:8	endless
Weft feeding	2x Electronic accumulator	2x Electronic accumulator
Pick-density	2 to 40 picks/cm	2 to 40 picks/cm
Max weaving speed ¹	250	300
Dimensions (cm) ²	225 x 130 x 145	225 x 160 x 145
Net weight (Kg)	1200	1500

1) the max weaving speed is subject to yarn/fiber performance

2) dimensions include with weft accumulator installed

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