



**METAG**  
TEXTILE & ENGINEERING



**TRXA180**  
**TRXA180-E**

HEAVY  
DUTY  
TEXTILE  
MACHINERY

# TRXA180 - TRXA180-E

The bestselling loom with dual space for rigid and elastic tapes, traditional or special, heavy-duty products with the requirement of the employment of the latch needle selvedge binding by any of the weaving system required.

TRXA 180 is the solution for sling web, open tubular, and belting production challenges in width up to 180 mm (7") for each space.

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.

TRXA 180-E features an option for the newest generation of STAUBLI® electronic dobby.

Featuring adjustable harness stroke, up to 20 harness frames and easy programming via a portable programmer the TRXA 180-E enables fast product changes, infinite pick repeats and total flexibility.

Both versions of the TRXA 180, by mechanical cam-box or electronic dobby, 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, any weaving system available
- Positive catch-thread feeder, double
- 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
- Embedded LCD for machine controlling and functions adjusting
- Heavy duty motor 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

- Electronic dobby machine
- Jacquard machine
- Electronic take-off motion
- Weft selector
- Rubber feeder, positive
- Warp yarns tensioner frame
- Automatic bobbin winder
- Fabric winder (block or spool)
- Beams stand with positive feeding
- Special projects in accordance with the Custo

TECHNICAL DATA	TRXA180	TRXA180-E
Selvedge binding	Latch-needle	Latch-needle
Spaces	2	2
Reed width (mm)	180	180
Harness frames	14	20
Cam box type	Cam, positive	STAUBLI®electronic dobby
Pick repeats	1:6 - 1:8	endless
Weft Feeding	2x Electronic accumulator	2 x Electronic accumulator
Pick-density	2 to 40 picks/cm	2 to 40 picks/cm
Max weaving speed <sup>1</sup>	250	300
Dimension (cm) <sup>2</sup>	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

Special projects in accordance with the Customer request.  
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