

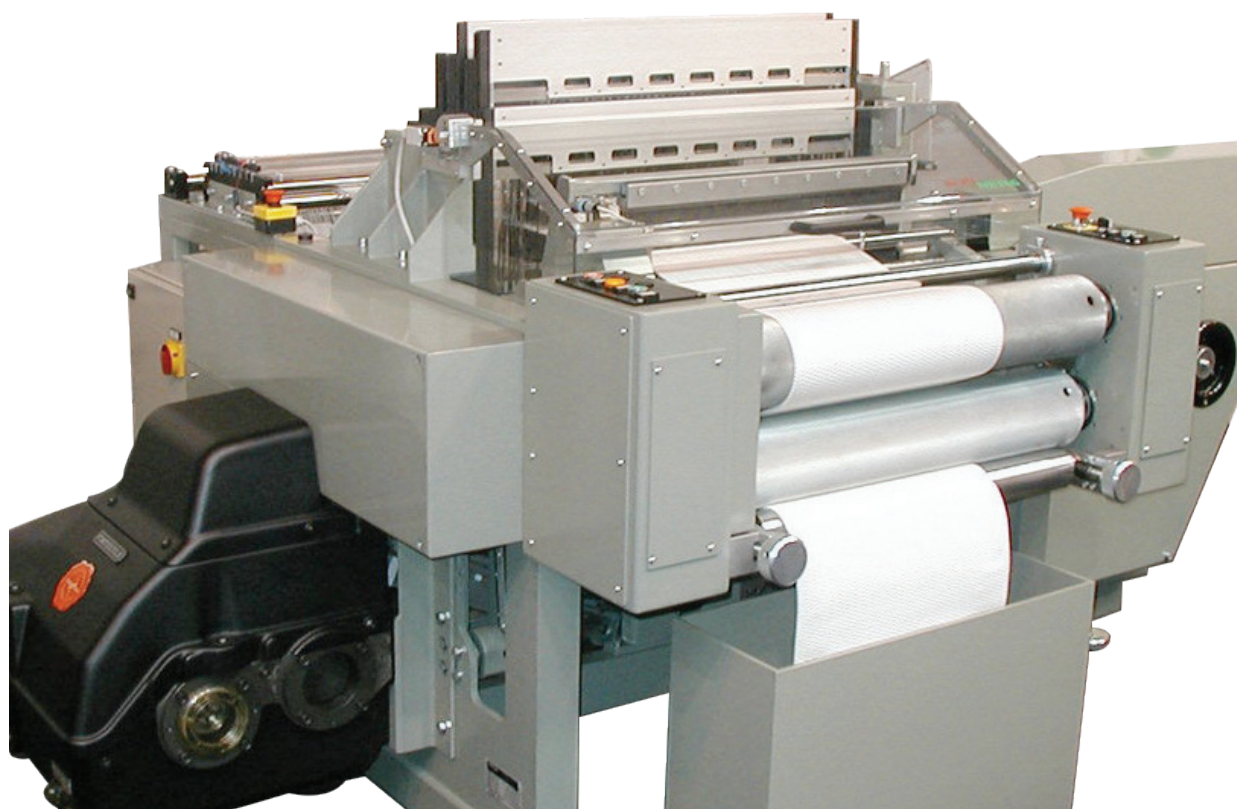
METAG
TEXTILE TECHNOLOGY

*Bright Minds
Work Alike*

TELAJ AUTOMATICI PER TESSITURA
DI NASTRI PESANTI E SPECIALI

HEAVY DUTY AND SPECIAL
SHUTTLELESS AUTOMATIC LOOMS

TRX 600-E



TRX SERIES

TRX 600-E

The Metag Model TRX 600-E incorporates the robust construction and reliability of the TRX-TRXA series with 620 mm working width and is designed to accommodate conventional yarns as well as aramide, ceramic, glass and other technical fibers.

HOW BOBBIN SELVEDGE DOES IT WORKS?

The TRX series bobbin-stitch selvedge are particularly suited for heavy, multi-ply webbings and belt constructions. The TRX 600-E features a bobbin which stitches the catch-thread, securing the selvedge with a strong sewn binding. The large capacity bobbin enables long runs between doffing. The system releases the catch-thread through several tension control units to ensure perfect edge binding. A photoelectric cell monitors the amount of yarn left on the spool and stops the loom before it runs out.

The specifications of the TRX 600-E are rooted in the tough TRX series roots: 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.

The list of applications for the TRX 600-E is as long as the TRX is wide: ceramic and conventional conveyor belts, tubular filters, brake & clutch pads, multi-ply industrial fabrics simply to name a few, all woven up to 620 mm wide.

Model TRX 600-E is equipped with the newest generation of STAUBLI® rotary electronic dobby S-3000. Featuring adjustable harness stroke, micrometric setting of the shed opening, 16 harness frames and easy programming via a portable programmer, the TRX 600-E enables fast product changes, endless pick repeats and total flexibility.

FEATURES

- Bobbin selvedge binding
- Heavy-duty reed holder to accommodate 620 mm (24") reed width
- Powerful beat-up motion with dual action arms
- Patented cam driven rigid rapier weft insertion
- Carbon fiber weft insertor with rectilinear motion
- Harness frames: 16x
- Extended shedding levers for maximum shed opening
- Robust harness frames with dual push rod motion
- Double steel knurled take down with manual advance/reverse motion
- Weft feed by weft accumulator: self adjusting and electronically controlled
- Heavy duty motors controlled by electronic inverter for speed adjustments settings
- Crawl motor (jog) facility
- Safe weaving geometry
- High quality safety component, CE approved
- Easy access for routine maintenance
- Limited preventative maintenance requirement
- High precision engineered components made in Italy

OPTIONS AVAILABLE (upon request)

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



Technical data	TRX 600- E
Selvedge binding	Bobbin
Spaces	1
Reed width (mm)	620
Harness frames	16
Cam box type	STAUBLI® Electronic dobby
Pick repeats	endless
Weft feeding	1 x Electronic weft accumulator
Pick-density	2 to 40 picks/cm
Max weaving speed ¹	130 r.p.m.
Dimensions (cm) ²	225 x 290 x 145
Net weight (Kg)	1800

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

2) dimensions include with weft accumulator installed

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