

# TRXA 360 TRXA 360-E

## Harmless Yarns Made Ruthless



The Metag company has decades of extensive experience in the design and construction of looms for heavy webbings and for special fabrics.

Our weaving machinery are available in three series:

**TRX** with bobbin edge binding for heavy and special webs

**TRXA** with latch needle edge, also for heavy and special webs

**TM** with latch needle edge, for the higher speed production of medium-heavy webs.

Above looms are uniquely designed and built for weaving multiple ply, high density webbing in most yarn types, including conventional fibers as well as ceramic, glass, asbestos, aramide. The TRX, TRXA and TM series machinery is engineered for strength but are also designed to facilitate routine maintenance and operator chores. The looms are easy to adjust, CE approved and efficient in the production of heavy duty webbings and solid woven fabrics.

Mechanical components are deliberately oversized to withstand the enormous pounding required for creation of the heaviest webs, recently possible only with shuttle looms.

The TRX and TRXA series can accommodate also the newest generation of Electronic Dobby (version E, optional) enhancing the textile capability of the machines. Weave patterns are easily generated via a portable programmer then start the machine. That's all. Simplicity and reliability at its best.

Range of final applications: sling webbing, freight lashing belts, brake linings, sifter tapes, military webbings, solid woven fabrics, filters, and other industrial applications.



## FEATURES

- Latch needle selvedge binding with adjustable components
- Enhanced machine accessibility to facilitate PM operator access
- Wide weaving space with greater access to web to lease the woven fabric
- Heavy duty reed holder to accommodate 370 mm reed width
- Powerful beat-up motion with dual action arms
- TRXA 360: cam driven shedding motion, quick change cams
  - 14 harness maximum allowed
- TRXA 360-E: electronic dobbie for quick pattern changes
  - adjustable stroke and micrometric setting of the shed opening
  - 16 harness frames (max)
- Extended shedding levers for maximum shed opening
- Robust harness frames, adjustable stroke, easy replacements
- Double steel knurled roller make down, with manual advance and reverse motion
- Weft feed by accumulator: self-adjusting and electronically controlled
- Heavy duty electric motors with crawl (jog) facility
- New, wider warp deflector leasing bars with great lease combination possibilities and wide accessibility
- High quality safety component, CE approved
- Easy access for routine maintenance
- Limited Preventative Maintenance (PM) requirement
- Dimensions (LxWxH) cm. 210x120x145
- Weaving speed (max) : 200 picks/minute
- Net weight: 1000 kg (TRXA 360), 1400 kg (TRXA 360-E)



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