

TRX320 TRX320-E

HEAVY DUTY TEXTILE MACHINERY

TRX320 - TRX320-E

Metag model TRX 320 incorporates the robust construction and reliability of the TRX-TRXA series with a single space of 320 mm working width and is designed to accommodate conventional yarns as well as aramid, ceramic, glass, and other technical fibers.

TRX 320 and TRX 320-E are design for the manufacture of the heaviest and technical solid-woven fabrics in width up to 320 mm (12.6")

Specifications of the TRX 320 are robust: an oversized take down motion, heavy duty reed holder steel made, robust drive motion and simple component level construction combines to provide a robust loom ready to perform and easy to maintain. Standard machine TRX 320 is provided with a mechanical cam box with 14 positive cams and independently adjustable jack levers for variable harness stroke length.

TRX 320-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 TRX 320-E enables fast product changes, infinite pick repeats and total flexibility.

Both versions of the TRX 320, by mechanical cam-box or electronic dobby, come standard with features designed to perform the most difficult production challenges.

BOBBIN SELVEDGE BINDING

The TRX series bobbin-stitch selvedge are particularly suited for heavy, multi-ply webbings and belt constructions. TRX 320 features a bobbin system which stitches the catch-thread, securing the selvedge with a strong sewn binding. The large capacity of the bobbin spools enables long runs between doffing. The system releases the catch-thread through several tension control units to ensure perfect edge binding.

Photoelectric cell monitors the amount of yarn left on the spool and stops the loom before it runs out.

PRINCIPAL AND STANDARD FEATURES:

- Single space weaving unit
- Bobbin edge-bindings system
- Heavy-duty reed holder, steel made
- Double steel knurled take down with manual advance motion
- Clear open shed, even with high density spun staple yarns
- Weft fee accumulators, self adjusting and electronically controlled
- 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 motors controlled by electronic inverter for speed adjustments settinas
- 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

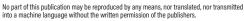
OPTIONS AVAILABLE

- 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 Customer request

TECHNICAL DATA	TRX 320	TRX 320-E
Selvedge binding	Bobbin	Bobbin
Spaces	1	1
Reed width (mm)	330	330
Harness frames	14	20
Cam box type	Cam, positive	STAUBLI [®] electronic dobby
Pick repeats	1:6 - 1:8	endless
Weft Feeding	1 x Electronic accumulator	1 x Electronic accumulator
Pick-density	2 to 40 picks/cm	2 to 40 picks/cm
Max weaving speed ¹	200	200
Dimension (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 varn/fiber performance 2) dimensions include with weft accumulator installed

Special projects in accordance with the Customer request. This leaflet contains photos and technical data for information only, without contractually engagement. Subject to change without notice.







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Designed, Engineered and Manufactured in Italy