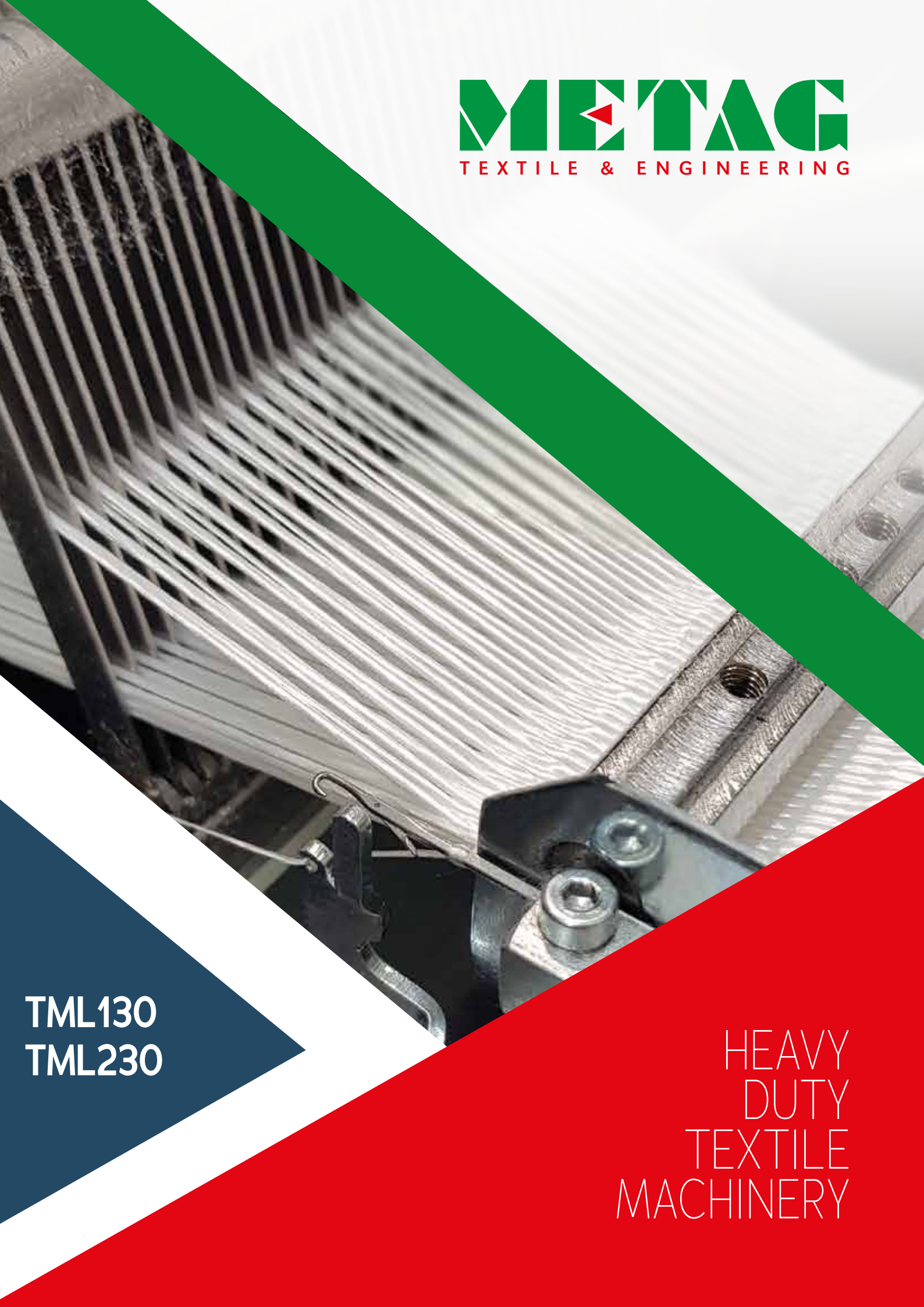


METAG
TEXTILE & ENGINEERING



TML130
TML230

HEAVY
DUTY
TEXTILE
MACHINERY

TML130 - TML230

TML is the latest model of Metag's high-speed TM series loom. New features enable heavier constructions and wider weaving widths all in a mid-sized loom. TML is suitable for heavy multi-ply webbings using latch-needle selvedge bindings. TML products include sling web, tie-downs and commodity webbing products where high-speed production is a must.

TML series looms are easy to set-up, simple to operate and require little regular maintenance.

TML SERIES IS AVAILABLE IN TWO VERSIONS:

- **TML 130** for webbing up to 130 mms (5.10") wide with double weaving head
- **TML 230** for webbing up to 230 mms (9") wide with single weaving head

Standard machine is provided with a mechanical cam box with 14 cams (TML 130) and 12 cams (TML 230) with shedding lever returned by spring to ensure safe the weaving operations also with high warp ends tensions.

The cam box features an option for special stroke levers which allow to increase the shed opening.

Special weaving unit kits are available, upon request for single and dual space machine, to increase the maximum width up to 150 mm (5.9") for double spaces machine and 250 mm (9.85") for single space machine.

Both versions of the TML, come standard with features designed to perform the most difficult production challenges with high-speed production.

PRINCIPAL AND STANDARD FEATURES

- Single or double 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
- Weft feed accumulators, self-adjusting and electronically controlled
- Wet 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

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

TECHNICAL DATA	TML130	TML150*	TML230	TML250
Selvedge binding	Latch-needle	Latch-needle	Latch-needle	Latch-needle
Spaces	2	2	2	2
Reed width (mm)	130	150	230	250
Harness frames	14	14	12	12
Cam box type	Cam, negative w/return springs	Cam, negative w/return springs	Cam, negative w/return springs	Cam, negative w/return springs
Pick repeats	1:6 - 1:8	1:6 - 1:8	1:6 - 1:8	1:6 - 1:8
Weft Feeding	2 x Electronic accumulator	2 x Electronic accumulator	1 x Electronic accumulator	1 x Electronic accumulator
Pick-density	2 to 40 picks/cm	2 to 40 picks/cm	2 to 40 picks/cm	2 to 40 picks/cm
Max weaving speed ¹	700	700	500	500
Dimension (cm) ²	170 x 130 x 160	170 x 130 x 160	170 x 110 x 160	170 x 110 x 160
Net weight (kg)	800	800	800	800

* special kit upon request

- 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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