



END-USES

# END-USES

Final applications woven on Metag machinery are endless and very comprehensive. Weaving machines, both Bobbin or Latch-Needle types, are developed and made for the weaving of the most demanding production which cannot be woven on a traditional loom.

Metag textile machinery are built for weaving multi-ply high density webs in most yarns, including synthetic and natural fibers.

Here follows a review of the Metag products and its most common Customer final applications.

## TYPES OF THE FIBRES WOVEN

All of the Metag looms are uniquely built for weaving multi-ply high density, plain or tubular webs in most yarns, such as :

FIBRES	TML	TRX	TRXA
Synthetics yarns (Polyester, Polypropylene, Nylon etc)	X	X	X
Ceramic yarns	X	X	X
Silicate		X	
Mono-filament fibres	X	X	X
Fibre-glass		X	
Asbestos		X	
Aramidic yarns as pasa & meta, Kevlar™, Nomex™, etc	X	X	X
Special fibres as Dyneema™, Vectram™, etc	X	X	X
Carbon fibres	X	X	X
P.AN. fibres		X	
Natural fibres as Cotton, Jute, Wool, Linen		X	
Steel Wire	X	X	X

All fibres could be feeded to the machine by the use of Cone-Creels or Beams



1) Multilayer combination



2) Arrestor band aircraft



3) Elastic seat belt

APPLICATIONS	TML	TRX	TRXA
Sling webbings	X	X	X
Tie-downs straps	X	X	X
Safety belts for Automotive/Aerospace/Industrial	X		X
Military and police belts equipment	X		X
Conveyor belting		X	
Elastic tapes	X	X	X
Medical applications, curing & wrapping tapes	X	X	X
Egg-belt for oviculture applications	X		X
Packaging belts	X	X	X
Arrestor band for aircrafts		X	
Sifter tapes for mills		X	
Ballistic protection for military and police purposes		X	
Solid woven fabrics		X	
Tubular filters	X	X	X
Elastic seat-belts for furniture, armchair and couch	X	X	X
Conveyor belting for high-temp applications		X	
Geotextile applications		X	
Industrial multilayer fabrics		X	X
High-Temp insulating fabrics		X	
Sealing gland packings, gasketing and coating sleeves	X	X	X
Polymer Fabric for structural reinforcement	X	X	X
Clutches, brake Linings and automotive products		X	
Lifting Slings, Freight Lashing, Check Straps	X		X
Climbing Belts, safety harnesses	X		X
Cargo security	X	X	X
Marine lashing	X	X	X
Air-Cargo handling	X		X
Material handling system	X		X



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.  
No part of this publication may be reproduced by any means, nor translated, nor transmitted into a machine language without the written permission of the publishers.

**METAG**  
TEXTILE & ENGINEERING

Via Pelizza da Volpedo, 79/81  
20092 Cinisello Balsamo Milano Italy  
P +39 02 66049440  
www.metag.it info@metag.it



Designed,  
Engineered and  
Manufactured in Italy