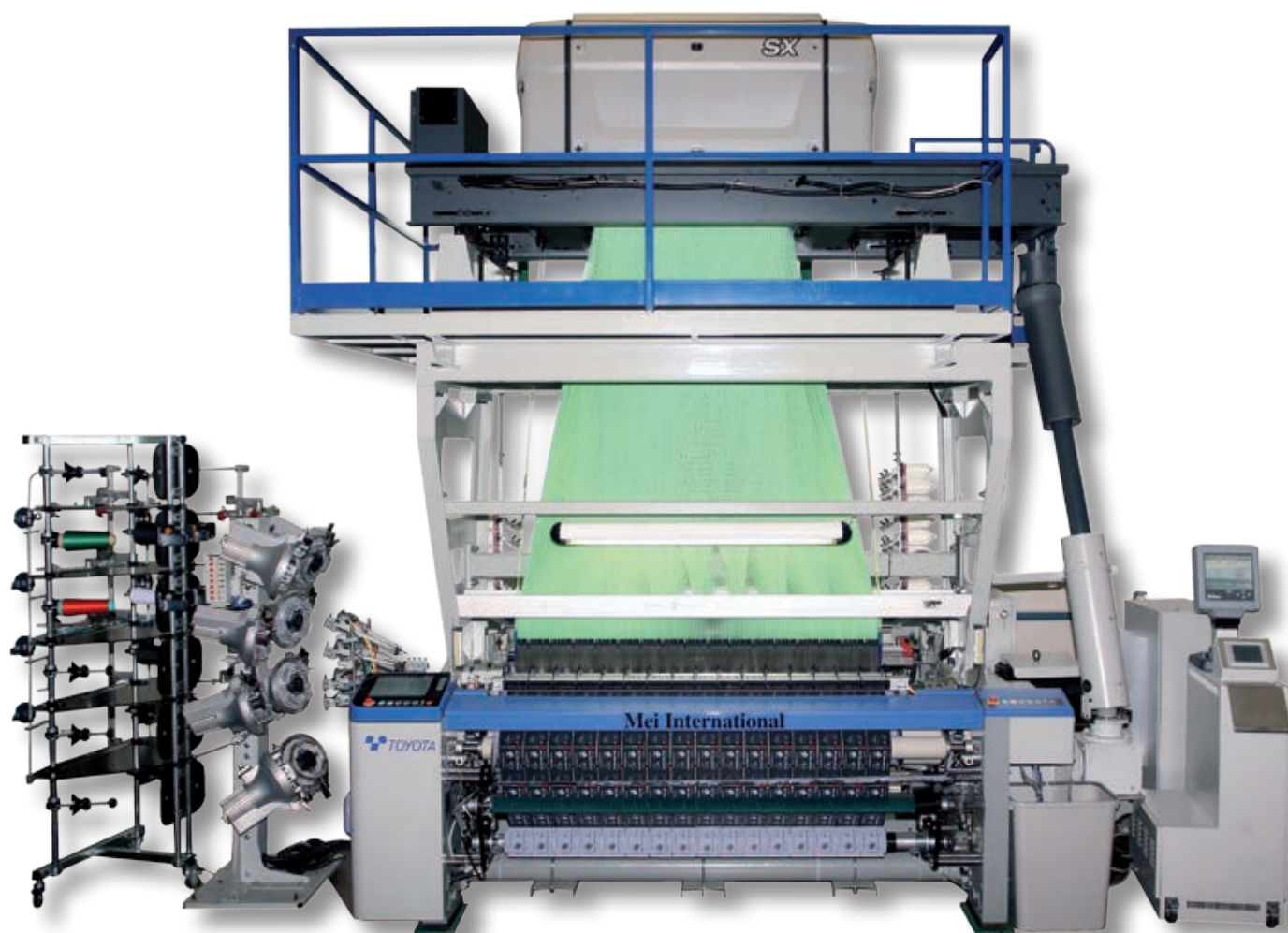




MEI INTERNATIONAL S.R.L.

# DREAMLINE

## AIR JET LABELS LOOM



*energy-saving with high performance*

**EXCELLENCE IN SPEED: THE HIGHEST QUALITY LABELS AT LOW COST**

### MEI INTERNATIONAL: THE KEY TO SUCCESS IN LABEL WEAVING

The new AIRJET has inherited its legacy of superb performance, while pursuing even greater energy savings and versatility, combined with thoroughly thought out ease of use. Based on the newest design concept of "Weaving the highest quality label at the **lowest possible cost**," the MEI AIRJET boasts a diverse range of original **Toyota features**, including an Air-Saving System, that reduces **energy consumption**. In addition, a new develop function panel and a factory management system, dramatically improve operability and performance. The newly designed weft insertion system, including EDP, delivers further like reductions in air pressure. A new larger function panel and fully innovated electronic system. WAS (Weave Assist System) and the new FACT (Toyota Factory Management System) guarantees innovation and customers success.

Mei

International

PRODUCT OF THE YEAR



MEI INTERNATIONAL S.R.L.

# DREAMLINE

## AIR JET LABELS LOOM

### LOOM FOR WOVEN LABELS PRODUCTION

## Main Technical Features

Brand labels machine	MEI Air Jet Dreamline
Mei model	MEI – TAJ17 / TER / S1-S2 (T-S) L
Loom brand	TOYOTA
Speed	Up to 900 rpm. max
Nominal width	1.800 mm.
Reed width	1.600 mm.
Weft insertion	Up to 1.200 meters per minute
Repeats	8x20-4x40 cm. each; on demand also "jumbo" SPECIAL format is available
Number of colours	8 colours
Overall dimension	Height 4.100 mm. - lenght 5.100 mm. - width 1.900 mm.
Warp yarns	Polyester 30-100 den
Weft yarns	Polyester from 20 den to 200 den; other yarns also on weaving
Warp density	54.6 - 109.2 ends per cm. while other densities upon request
Control board	Touch screen, menu guide easy to consult, with a quick Control and diagnosis of all loom functions
Control panel	High level of machine intelligence since all elements involved controlled by microprocessor and WAS (weave assist system) from Toyota
Automatic filling repair	No manpower required to restart the loom after weft stops. Efficiency highly increased, and fewer operators per looms are required during labels production
Electronic filling insertion	To reduce yarn stress during filling insertion and therefore to reduce breaks down
Warp let-off motion	To facilitate high quality productions, the warp let off system is controlling filling density and operating speed. The system ensure costant quality and prevent start marks
Thermal cutting system	Patented mei " <b>Super Soft Selvedges</b> " with rivets
Mei ironing system	New <b>top calendering</b> system on breast beam
Weft feeders	Special TOYOTA weft feeders
Mei labels tension control	By supplementary <b>brush-less motors</b> to ensure costant ribbons tension.
Power consumption	10 kwh (at running condition) - 18 kwh (at start-up)
Air consumption	From 60 to 80 cubic meters per hour at 3/3,5 bar pressure
Arrival line pressure	7 bar
Maintenance	Extremely reduced with most extreme direct-drive unit user-friendly set up concept
Gantry	New on loom designed, with special iron alloy, for less vibrations and long-life mode
Jacquard	Bonas and Staubli
Harness	With springs pull down



## MEI: THE FINEST LABELS WEAVING MACHINE

QR-CODE / ANTI-COUNTERFEIT LABELS / STANDARD & PRESTIGE LABELS / POSTERS / SPECIAL FABRICS

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