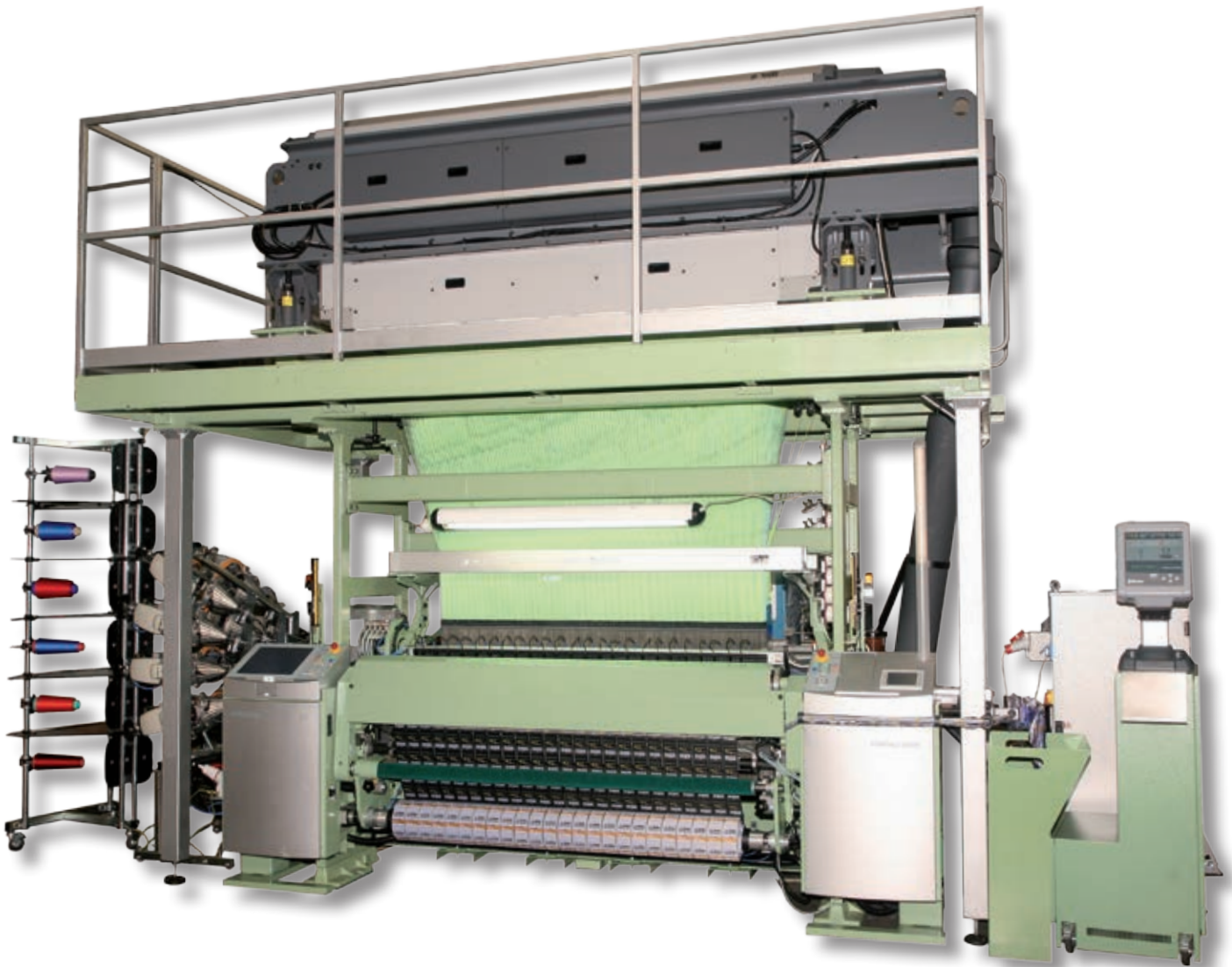




MEI INTERNATIONAL S.R.L.

# A1 SPECIAL AIR JET LABELS LOOM



*high speed for QR-CODE and special BAR-CODES labels*

## THE FUTURE IN LABEL WEAVING FIELD

### MEI WISHES TO INTRODUCE THE STATE OF THE ART IN LABELS FOR GARMENT'S PROCESS

Mei Air Jet : Compact size, efficiency and top performance in yarn handling, the highest production rate with high quality woven labels, no waste during production, due to large jacquard size, especially suitable for **anti-counterfeiting labels**. Easy maintenance and low operating costs with **new syncro-drive system**, constant electronic monitoring on its parts with Fast-Ethernet technology, reduced air consumption and more precise adjustment of main nozzles, with new valves control, new automatic filling threading process for main nozzles, minimizing the impact of power transmission on the surface of yarn, with efficiencies and performance improvement. The entire communication, with control and process, is effected **via Fast-Ethernet**, guaranteeing new developments in electronics and drive technology, for best performance of the machine, even giving the possibility to record all production data via USB.

Mei

International

PRODUCT OF THE YEAR



MEI INTERNATIONAL S.R.L.

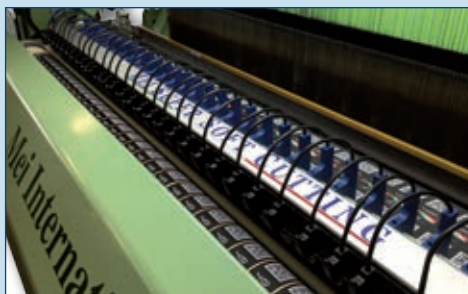
# A1 SPECIAL

## AIR JET LABELS LOOM

LOOM FOR QR-CODE LABELS AND BAR-CODES PRODUCTION

### Main Technical Features

<b>Brand labels machine</b>	MEI AirJet A1 with compact or syncro-drive
<b>Mei model</b>	MEI-DA 17 / TER / S1-S2 (T-S) L
<b>Loom brand</b>	DORNIER A1 with FT control version
<b>Speed</b>	750 rpm. - up to 900 rpm.
<b>Nominal width</b>	1.800 mm. - 1.500 mm.
<b>Reed width</b>	1.600 mm. - 1.200 mm.
<b>Weft insertion</b>	From 1.260 up to 1.440 (meters per minute) depending on pattern
<b>Repeats</b>	"Jumbo" SPECIAL big format 1x1.200; 1x1.600
<b>Number of colours</b>	8 colours
<b>Overall dimension</b>	Height 3.700 mm. - length 5.800 mm. - width 1.800 mm.
<b>Warp density</b>	54.6 - 109.2 - 149.7 ends per cm. while other densities upon request
<b>Weft yarns</b>	Polyester from 20 den to 200 den; other yarns also on weaving
<b>ErgoWeave panel</b>	High level of machine intelligence since all elements involved controlled by new micro processor
<b>Automatic filling repair AFR</b>	No manpower required to restart the loom after weft stops. Efficiency highly increased, and fewer operators per looms are required during production.
<b>Electronic filling insertion EFT</b>	To reduce yarn stress during filling insertion and therefore to reduce breaks down.
<b>Electronic warp let-off motion EWL</b>	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. Patented MEI " <b>Super Soft Selvedges</b> " with rivets.
<b>Thermal cutting system</b>	New " <b>top calendaring</b> " system on breast beam for a perfect "soft taste" finishing mode
<b>MEI ironing system</b>	By supplementary <b>brush-less motors</b> to ensure costant ribbons tension.
<b>MEI labels tension control</b>	10 kw/h (at running condition)
<b>Power consumption</b>	From 80 to 90 cubic meters per hour at 3/3,5 bar pressure
<b>Air consumption</b>	7,5 bar
<b>Arrival line pressure</b>	Extremely reduced with most extreme clutch-brake unit user-friendly set up concept on loom
<b>Maintenance</b>	New on loom designed, with special iron alloy for less vibrations and long-life mode
<b>Gantry</b>	Bonas and Staubli
<b>Jacquard</b>	With springs pull down
<b>Harness</b>	Compact or Syncro motor version / new drive concept FT compact / new servo-control /
<b>News</b>	new single-hole relay nozzles and high dynamic back-rest roller device.



## MEI: THE FINEST LABELS WEAVING MACHINE

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

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