



MEI INTERNATIONAL S.R.L.

# R9500<sup>2</sup> SPECIAL

## RAPIER LABELS LOOM



*Efficiency and versatility for new special products*

**PERFECT FOR SPECIAL LABELS AND FABRICS WITH SUPERIOR WEAVING**

### **MEI WISHES TO INTRODUCE THE START OF THE ART IN LABEL WEAVING**

MEI R9500<sup>2</sup> Automatic Shuttless Rapiers Weaving Machine: the huge manufacturing experience, resulting in one of the finest labels loom; no waste during production, due to **large jacquard size**, especially suitable for **anti-counterfeiting labels**. Weaving efficiency is expressed in terms of maximum output per loom, top quality labels, constant performance and the highest speed in its category. It can be easily adjusted to any weave request and different yarns production, coming from global market demand. No limits to versatility, a machine offering the latest technology with an ultra light design rapiers, with high performance, and no stop marks defects. The **new weft transfer system** provides consistent, high speed performance; The main drive is based on an electronic drive and brushless motor technology which provides easy touch-screen adjustment for machine speed.

**Mei**

**International**

**PRODUCT OF THE YEAR**



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# R9500<sup>2</sup> SPECIAL

## RAPIER LABELS LOOM

**LOOM FOR QR-CODE LABELS AND SPECIAL FABRICS PRODUCTION**

### Main Technical Features

<b>Brand labels machine</b>	MEI R9500 <sup>2</sup> rapier loom with direct-drive
<b>Mei model</b>	MEI - IR17 / TER/ S1-S2 (T-S) L
<b>Loom brand</b>	ITEMA R9500 <sup>2</sup>
<b>Speed</b>	Up to 700 meters per minute
<b>Nominal width</b>	1.700 mm.
<b>Reed width</b>	1.600 mm.
<b>Repeats</b>	"Jumbo" SPECIAL big format 1x1.600
<b>Number of colours</b>	8 colours; on request 12 colours mode
<b>Overall dimension</b>	Height 3.500 mm. - length 4.900 mm. - width 1.750 mm.
<b>Weft yarns</b>	Polyester from 50 den to 800 den; other yarns also on weaving
<b>Warp yarns</b>	Polyester 30 - 110 den
<b>Warp density</b>	54.6 - 109.2 ends per cm. while other densities upon request
<b>Warp tension control</b>	Electronic warp let-off take up system; the gearing is an oil bath; innovative warp shed geometry
<b>Control board</b>	Android MEI intuitive touch screen, menu guide easy to consult with a quick control and diagnosis of all loom functions, Windows CE mode and Ethernet connectivity with Itema's interactive options, new recording data system process via USB/key system.
<b>Direct drive motor</b>	Electronic HI-drive brushless motor technology, providing added value by fewer spare parts and maintenance free, with no cooling system required and simple input desired setting via user interface.
<b>Weft transfer "SK" mode</b>	With an ultra light, ceramic coated, one piece design rapier, the "SK" System provides consistent, high speed performance and less wear; The insertion gripper is positioned very close to the reed promoting increased efficiency and dependable quality.
<b>Turbo-prop drive system</b>	The re-designed drive system remains compact with minimal moving parts to insure stability and less maintenance; new carriage and swinging sliders designed with aeronautical grade alloy
<b>Thermal cutting system</b>	Patented MEI " <b>Super Soft Selvedges</b> " with rivets (6 mm. "soft-edge" model as optional)
<b>MEI ionic system</b>	New " <b>top calendaring</b> " system on breast beam for a perfect "soft taste" finishing mode
<b>MEI labels tension control</b>	By supplementary <b>brush-less motors</b> to ensure constant ribbons tension.
<b>Power consumption</b>	15 kw/h (at running condition) - 25 kw/h (at start-up)
<b>Maintenance</b>	Oil changes are minimized by centralized oil lubrication control, with microfiltration system.
<b>Gantry</b>	New on loom designed, with special iron alloy, for less vibrations and long-life mode
<b>Jacquard</b>	Staubli or Bonas
<b>Harness</b>	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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