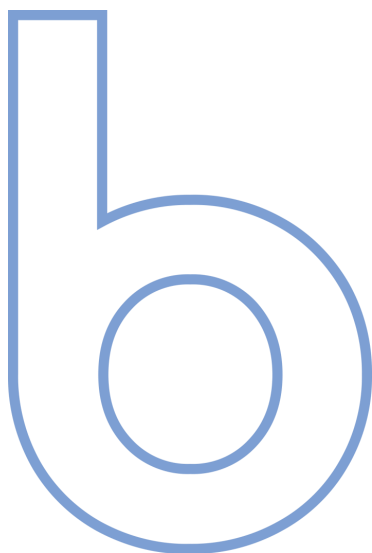




LOOP MATIC 8 OTTO



- * Compact, fully automatic electronic machine with 22 axes.
- * Production capacity of up to 8.5 cut-end mops per minute.
- * Production capacity of up to 6 loop-end mops per minute.
- * Crochet bobbin change without stopping the machine.
- * Siemens control electronics.
- * Siemens and mixed-source power electronics.
- * Robotic unit for transferring the loop mop.
- * Management of functions, parameters and stitching path design directly via a colour touch screen.
- * Storage capacity for 99 recipes.
- * Stitches transversely, longitudinally and diagonally.
- * Automatic feeding and cutting of cotton or microfibre yarns.
- * Automatic formation and application of the central strip.
- * Monochrome printer unit with toner or colour laser for labels.
- * Automatic label insertion.
- * 2 H-series single-needle sewing heads for knotted stitch.
- * 2 special sewing heads for chain stitch.
- * Automatic lubrication system.
- * Sewing with narrow, medium and wide bands for thin and thick mops, up to 1 kg (36 oz).
- * Maximum mop length: 1200 mm (47.24 in).
- * Automatic unloading and feeding of the mop into the flow-pack packaging machine.
- * Remote technical support.

A fully automatic modular electronic machine fitted with 22 electronic axes for the production of Kentucky loop-end and cut-end mops with a central band of sewn-in canvas or mesh, and a monochrome or colour laser printer for the label.



Loop Matic 8

The Loop Matic 8 is a modular automatic production line for loop-end and cut-end mops, comprising three units:

- * A Cyclon Loop machine.
- * A T-Robot for the automatic transfer of mops.
- * A Kentucky 8 for cut-end mops, also configured for loop-end mops.

Maximum production capacity of up to:

- * 8.5 mops per minute for cut-end mops.
- * 6 mops per minute for cut-end mops.

The modular design of the Loop Matic 8 allows the configuration to be customised and the Cyclon Loop machine to be omitted. By manually loading the loop-end mops onto the conveyor belt, the system retains its original capabilities, enabling it to automatically produce both cut-end and loop-end mops.

The LOOP MATIC 8 can be combined with a horizontal flow-pack machine (optional).

The production machine requires no manual labour.

A central CPU controls communications between the various units that make up the system.

The Loop Matic is equipped with a remote technical support system with a direct internet connection via an Ethernet cable, a solution that enables excellent and rapid after-sales support.

Unit Kentucky 8

- * A unit equipped with a movable gripper pulls (inserts) cotton, microfiber or other yarns inside the machine, placing the material in the forming area.
- * A special manipulator inserts and folds the previously automatically cut central band to measure.
- * The monochrome printer combined with a Cartesian axis system provides for the production and insertion of the label on the brush (optional system), it can also use a color laser printer such as Epson TM-C4000 or another brand upon request.
- * The central carousel equipped with 4 stations with movable grippers ensures the positioning and extraction of the mop in the forming, sewing and unloading units.
- * Two sewing stations equipped with H-series single-needle sewing machines sew the mops simultaneously.
- * The crochet bobbin of one of the two sewing heads is replaced while the other continues sewing, without stopping the machine and in total safety.
- * The unloading station is equipped with a central support that folds the mop up to the appropriate rotating unloading gripper.
- * The gripper carries the mop, depositing it horizontally on the Flow Pack preload conveyor belt (optional).

