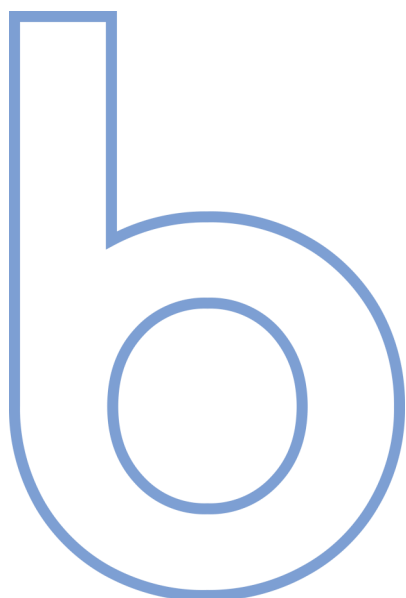


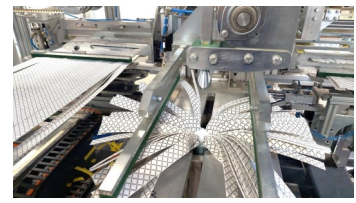
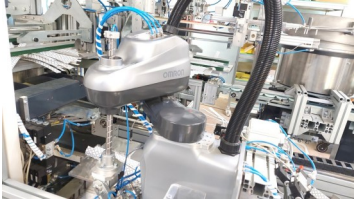


- * Fully automatic linear, 15-axis electronic machine for medium-sized mops, made of non-woven fabric, Spunlace, microfiber and cotton yarn -.
- * Carousel with 4 stations for placing mops.
- * Forming unit for a perfect distribution of materials aimed at totally closing the spaces left by the anchor fork to the mop cap.
- * Forming unit for distribution of mop fibres prior to assembly.
- * 2 arms with special gripper and on-board cutting unit for inserting materials onto the carousel.
- * Station with mechanical presses for assembling plastic connectors.
- * 2 Vibrator orientors with devices for inserting connectors.
- * 2 Vertical elevators with level reading system for constant and correct loading of connectors into orienting vibro cups (optional).
- * Station with unloading unit and mop orienter from vertical to horizontal.
- * Unit with pneumatic gripper for horizontal extraction and deposition of the mop on the machine output belt.
- * Device for inserting the cardboard ring onto the mop.
- * Dual Packager unit for packaging 2 mops in a single bag (optional).
- * Horizontal flow pack packaging machine (optional).
- * Production capacity up to 25 mop/minute.
- * Remote assistance with direct connection to the Giori server.
- * Siemens control electronics.
- * Power electronics: mixed
- * Lighting with LED inside the machine.
- * Pneumatic components: SMC and Camozzi
- * 12 Month Warranty



PEGASO R

A fully automatic, 15-axis electronic machine with servo motors for the production, shaping and packaging of medium-sized mops, suitable for mops made from cotton yarn, non-woven fabric, spunlace and microfibre.



Key features of the PEGASO R:

The machine produces mops using cotton yarns, Spunlace, non-woven strips and microfibre.

The materials are cut and spread out evenly (shaped like a bow) and plastic connectors (cap and fork) are then attached.

The mop's fibres or strips are thus evenly distributed (the fork is not visible) without the need to spread them out by hand before packaging.

The mop is then folded in half, ironed and discharged onto the PEGASO conveyor belt, which feeds it onto the loading belt of the horizontal flow-pack machine.

The Pegaso R can produce up to 25 mops per minute (approximately 1,500 mops per hour), already packaged and without the need for manual labour.

The machine can be integrated with an automatic boxing and palletising system.

Description of the work cycle:

Two units with intersecting movements, each fitted with a gripper, feed the cotton yarns or strips of non-woven fabric, positioning them on one of the four stations of the rotary table.

The cutting unit mounted on each gripper automatically cuts the yarns to size.

Two vibratory orienters, fed by elevating conveyors fitted with hoppers and level sensors, orient and feed the plastic connectors (caps and forks) into the transport and feeding systems leading to the press for mop assembly.

The automatic forming system evenly distributes the materials that make up the mops (cotton yarns, strips of non-woven fabric, spunlace or microfibre).

Once the mop has been assembled, the rotating carousel table moves into the extraction station, which feeds the mop into the dedicated collector that smooths out the yarns and orients the mop horizontally.

A special gripper picks up the product and places it onto the pre-loading conveyor belt of the flow-pack packaging machine (optional).

For the production of mops with strips of non-woven material, the Pegaso machine must be fitted with the MT40V cutter (optional).

If the Pegaso is combined with a horizontal flow-pack packaging machine, a Dual Packager unit can be supplied for packaging two mops in the same bag.

The machine can be fitted with a system for automatically inserting the mop into a cardboard ring (optional).

