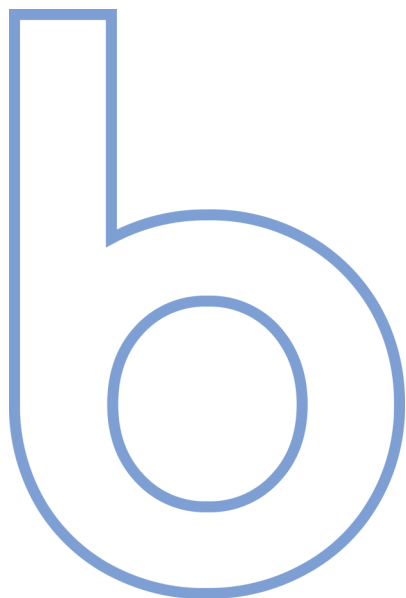
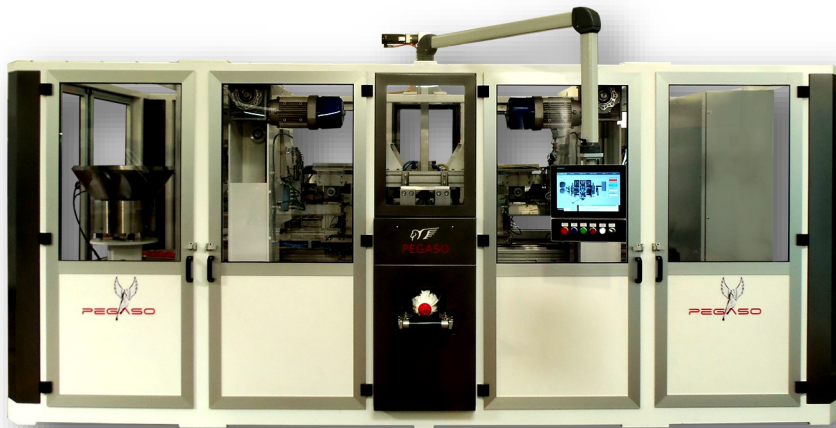




- *Fully automatic, 15-axis electronic linear machine for medium and long-sized mops made from non-woven and Spunlace materials, particularly suitable for microfibre mops and medium to long-length cotton yarns.
- *Transfer unit with 2 stations, each featuring a forming unit to ensure perfect distribution of the materials, designed to completely fill the gaps left by the anchoring fork on the mop head.
- *Forming unit for distributing the mop fibres prior to assembly.
- *Unit with special gripper for placing materials onto the transfer table.
- *Cutting unit with a 250 mm rotating blade made of HSS 18% Co.
- *2 stations with mechanical-electronic presses.
- *4 vibro-orienters with devices for inserting connectors.
- *4 vertical lifters with a level-sensing system for the constant and correct loading of connectors into the cups of the vibro-orienters (optional).
- *Station with unloading unit and mop orientator from vertical to horizontal.
- *Unit with pneumatic gripper for the horizontal extraction and placement of the mop onto the machine's output conveyor belt.
- *Dual Packager unit for packaging 2 mops in a single bag (optional).
- *Horizontal flow-pack packaging machine (optional).
- *Production capacity of up to 20 mops per minute.
- *Capability to produce mops with two different types of connectors.
- *Remote support via a direct connection to the Giori server.
- *Siemens control electronics.
- *Power electronics: mixed
- *Internal LED lighting.
- *Pneumatic components: SMC and Camozzi
- *12-month warranty





PEGASO L

A fully automatic, 15-axis electronic machine with servo motors for the production, shaping and packaging of medium and large mops, particularly suitable for mops made from cotton and microfibre yarns.

Key features of the PEGASO:

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

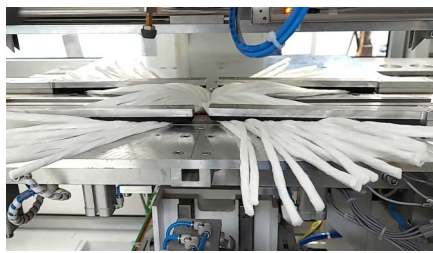
The materials are cut and spread out evenly (shaped like a bow) and plastic connectors (cap and fork) are then attached.

The mop's yarns 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's conveyor belt, which feeds it onto the loading belt of the horizontal flow-pack machine.

The Pegaso can produce up to 20 mops per minute (approximately 1,200 mops per hour), already packaged and without the need for manual labour.

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



Description of the work cycle:

A unit with a movable gripper pulls the cotton yarns or strips of non-woven fabric, positioning them on a 2-station transfer carriage.

The automatic cutting unit cuts the yarns to size. The transfer carriage positions the material beneath the two presses, alternating between the right and left sides.

Four vibro-orienters, fed by lifting belts (optional) fitted with hoppers, orient and insert the plastic connectors (caps and forks) onto the conveyor belts feeding the presses; two automatic systems insert the connectors.

The machine is fitted with an automatic forming unit for the even distribution of the materials making up the mops (cotton yarns, strips of non-woven fabric, Spunlace or microfibre), completely concealing the fork that secures them to the upper connector (cap).

Once the mop has been assembled, the travelling carriage moves to the centre of the machine, where the extraction unit inserts the mop into the dedicated collector, which rotates through 90° to orient it horizontally.

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

