

LaserPin

LP2



The LP2 is a special version of the LP series

It is the ideal solution for specific perforation needs in cases where the required distance between holes is narrow.

Designed to be installed on a hosting machine and compatible with all production lines, it guarantees perfect holes on a moving web. It makes both round and shaped holes. Round holes have a diameter between 2 and 50 mm.

Shaped holes are all non-circular perforations, such as handles for bags and Euroslot (Mexican hat).

The LP2 operates with multiple punching tools through which the film flows. The number of punching tools required depends on the customer's needs. A punching tool consists of a hammer (upper part) and a die (lower part) and its action is pneumatically controlled by specially designed electric valves.

It operates at a maximum optimal frequency of 60 strokes per second and a maximum speed of 240 meters per minute (depending on the material), thus adapting to the production line's speed. The LP2 has a double bridge structure which enables the punching tools to be mounted on both sides of the bar. This solution solves the problem of making holes at a distance smaller than the punching tool itself in cases where the web distance of the holes is very close. It also means that the frequency is doubled.

The alignment of the punching tools is easy, fast and adjustable. Thanks to the dovetails the punching tools can be manually moved along the bridge accordingly to the required perforation pattern. Each punching tool is electronically controlled, enabling the end-users to regulate the power, pressure and punching frequency singularly.

The LP2 is integrated with an innovative 4.0 software to set the punching tools, the desired pattern, and frequency, with a user-friendly graphic design.

The software can be integrated into the machine or installed on a tablet or computer, allowing remote control.

Thanks to its storage system, a virtually unlimited number of recipes can be set. Consequently, the LP2 easily adapts to different materials and thicknesses.

Laserpin installs punching tools whose lifespan is five times higher than the top competitors'.

LaserPin
Perforation Equipment

LaserPin srl

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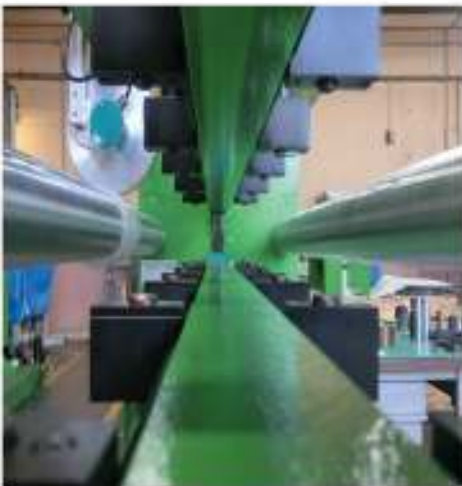
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LP2

The LP2 is able to make holes in all types of materials on a moving web up to a maximum thickness of 800 microns.

It makes round or shaped holes of different sizes on a moving web, mostly in plastic film. The great advantage of the LP2 machine is the possibility to perforate at very close distances between holes and between lines of holes.



Maximum Working Width

2000 mm

Maximum Material Thickness

800 microns

Minimum Cross Distance

15 mm

Maximum Speed

240 meters/minute

Maximum Frequency

60 Hz

Diameter of the Holes

2-50 mm

Software 4.0

Integrated

Double Bridge

Yes

Type of Material



LDPE



HDPE



PP



COATED



PAPER



FOAM



PVC

MAIN APPLICATIONS

BAGS FOR FRUIT

BAGS FOR VEGETABLES

FLOWER PACKAGING

MONEY BAGS

PACKAGING FOR ELECTRONIC EQUIPMENT