

**LaserPin**

**LP**



## The LP is the lightest machine of Laserpin's punching units range

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 Eurohole (Mexican hat).

The LP 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 35 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 punching tools are mounted on dovetails on a bridge made of a composite structure.

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 user to regulate the power, pressure and punching frequency singularly.

The LP 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 LP 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

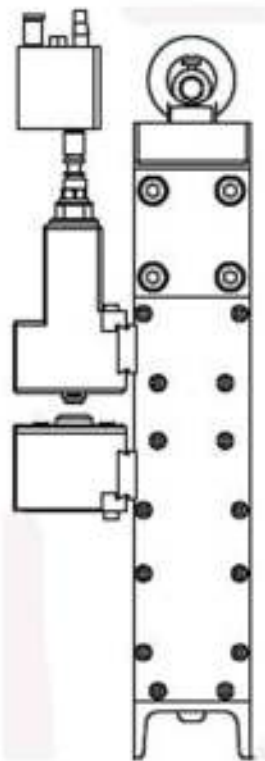
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# LP

The LP is the smallest model of Laserpin's punching units range. It is able to make holes in different types of materials on a moving web, up to a maximum thickness of 800 microns. It makes round or shaped holes of different sizes, mostly in plastic film. The great advantage of the LP machine is its adaptability to the customer's requirements and the ease of integration along production lines (i.e. extrusion lines, bag making lines).



## Maximum Working Width

2000 mm

## Maximum Material Thickness

800 microns

## Minimum Cross Distance

30 mm

## Maximum Speed

240 meters/minute

## Maximum Frequency

35 Hz

## Diameter of the Holes

2-50 mm

## Software 4.0

Integrated

## Double Bridge

No

## 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

