The TBI100 is the good-value-for-money solution of Laserpin’s cold microperforation units

A cold microperforator unit for various applications, the TBI100 consists of a perforation group made of a perforation roller, on which the pin cylinders are mounted, and a counter roller, which can be made of natural fiber or rubber depending on the material to be processed. The latter brings the film into contact with the former.

The perforation roller is driven by the motion of the material and rotates accordingly, up to a maximum speed of 200 meters/minute. This system offers a good value-for-money solution.

Pneumatic cylinders that move the counter roller close to the perforation roller easily activate the perforation process.

An integrated Adjusting Penetration System regulates the depth to which the pins can penetrate the material, thus allowing for modification of the diameter of the holes.

The unit is compatible with all production lines.
The Microperforator TBI100 is a solution for perforation of film on a moving web of different materials such as PE, PP, PU, paper, and aluminum.

Simple, efficient and easy to install, its perforation roller is propelled by the motion and speed of the film.

It guarantees homogeneous holes in plastic film and it is suitable for a wide range of packaging applications.

**Type of Material**
- LDPE
- HDPE
- CLING FILM
- COATED
- ALUMINIUM
- PAPER
- FOOD PVC
- PU

**Main Applications**
- GRAPE BAGS
- VEGETABLES PACKAGING
- INSULATION
- BREATHABLE FILM
- LAYERS
- AIR RELAYS FILM FOR APPLIANCES

**Maximum Working Width**
- 2600 mm

**Type of Unit**
- Cold

**Maximum Speed**
- 200 meters/minute

**Motor**
- No

**Diameter of the Holes**
- 80 microns - 1.8 mm

**Air Pressure**
- 6 Bar

**Penetration Adjustment System**
- Yes