

At **Maklaus** we develop our products so that they guarantee **high performance** and they can be easily integrated with existing production lines. Our goal is to provide customers with **suitable tools to produce precise holes at high running speeds with flexible materials**, such as plastic film, paper and coupled materials on a moving web.

Technical Specs

Hole diameter	2mm to 100mm*
Min. horizontal hole distance	10mm*
Vertical hole distance	customizable
Max. perforation frequency	30Hz*
Max. material speed	150m/min**
Max. material width	6.000mm
Max. material thickness	800µm**
Bridge frame	double
Software 4.0 ready***	included
Suction system	included

Optional

Photocell for printed materials

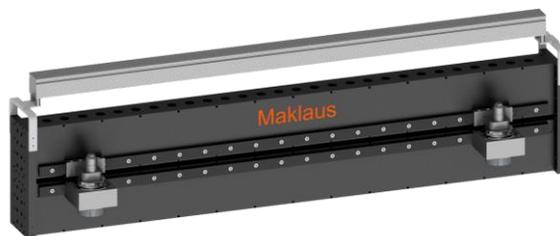
Acoustic and protective shield

Trolley

ROT System

MPU 2RGT is **compatible** with Maklaus' **ROT system**, a special device that **opens and closes the punching unit frame** to facilitate the operator during set up and alignment process of the punching tools on the bridge. **Maintenance** is carried out safely **without interrupting production**.

Exploiting **MHD technology** (Multi-Hole Diameter), Maklaus' punching units can make **several holes with different diameters and shapes with the same punching tools**, offering customers an extensive variety of machining solutions with a limited amount of spare parts.



MPU 2RGT is Maklaus' **sturdiest** solenoid-activated mechanical hole-punching unit. It allows customers to machine **flexible materials moving at high speed** producing large diameter holes (e.g. holes for agricultural applications, such as **mulch sheets**).

MPU 2RGT offers a **strengthen double-bridged frame**, ensuring maximum **stability and durability**, with high performances in every working condition.



Machinery Options

Round holes

Special holes (euro-hole, handles, butterfly holes, ecc.)

Pre-cuts for easy openings

Customized holes and shapes with different diameter

* Depending on the type of punching unit installed and on the material to be processed.

** Depending on machined material type and quality, hole pattern configuration set, temperature and humidity conditions of the production room.

*** Possibility of real-time production monitoring, work cycles recording, KPI (Key Performance Indicators) visualisation, alarm history recording, machine usage statistics and reports.