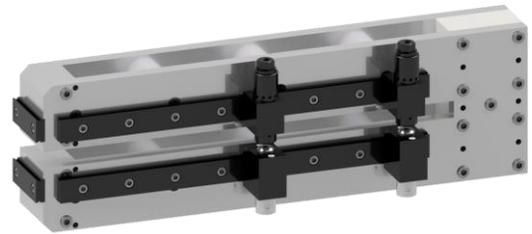


At **Maklaus** we develop our products so that they guarantee **high performance** and they can be easily integrated with existing production lines. Our goal is to provide customers with **suitable tools to produce precise holes at high running speeds with flexible materials**, such as plastic film, 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	60Hz*
Max. material speed	250m/min**
Max. material width	400mm
Max. material thickness	800µm**
Bridge	customizable

Optional

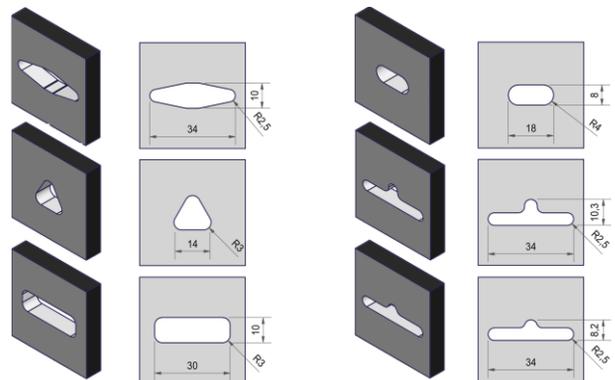
Photocell for printed materials
Acoustic and protective shield

Answering customers requests in the **simplest** way possible, the MPU RGT SHP is a **modular structure** where a **variety of holes/shapes** can be set up using the same exact structure.

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 RGT SHP is Maklaus' **most flexible and compact** solenoid-activated mechanical hole-punching unit. It allows to machine flexible **materials moving at high speed**, performing **fully customizable hole patterns** based on specific customer's requests, even in difficult machining conditions.

MPU RGT SHP offers a solid **self-supporting «C» frame structure**, allowing great **versatility** in all applications, with **high performances** at **affordable prices**.



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.