MPU-RGT DS ROT

MPU Range

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 50mm*
Min. horizontal hole distance	10mm*
Vertical hole distance	customizable
Max. perforation frequency	60Hz*
Max. material speed	250m/min**
Max. material width	6.000mm
Max. material thickness	800µm**
Bridge frame	double
Software 4.0 ready***	included
Suction system	included
ROT system	included

Optional
Photocell for printed materials
Acoustic and protective shield
Trolley

The **ROT system** is an integrated 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 RGT DS ROT is Maklaus' **top of the range** solenoid-activated mechanical hole-punching unit. It allows customers to machine flexible **materials moving at high speed**, performing **fully customizable hole patterns** based on specific requests.

MPU RGT DS ROT is a **double-sided hole punching unit**, where punching tools can be mounted on both sides of the unit. This feature enables the possibility to **increase hole-punching frequency** and machining speeds, as weel as **reduce horizontal hole distances** for specific hole patterns.

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.

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