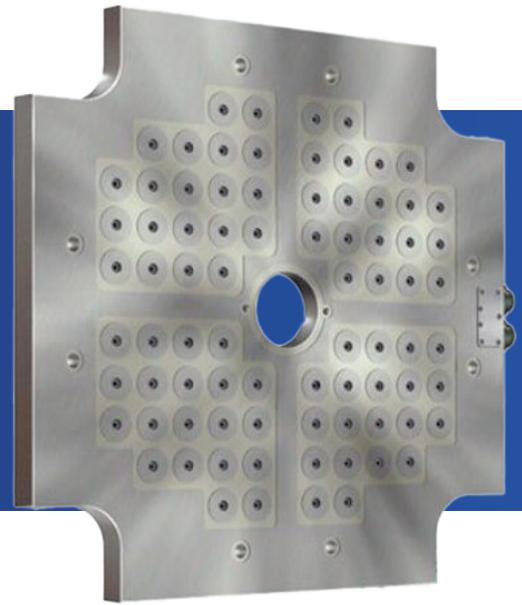


# Magnetic Platens

## Magnetic Clamping Solutions

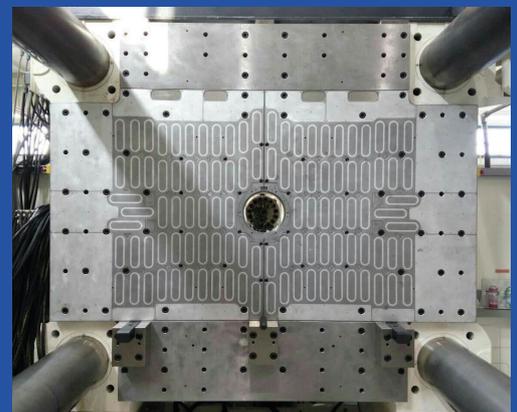


EAS's Pressmag LP and SP magnetic clamping systems are designed to enhance productivity and safety in injection moulding and die-casting operations. These systems leverage electro-permanent magnet technology to ensure rapid mould changes and secure clamping without the need for mechanical force or continuous power supply.

The Pressmag LP is ideal for high-tonnage applications, while the Pressmag SP is tailored for smaller tonnage machines, offering flexibility and high clamping forces through innovative pole designs.

### Accessories & Benefits

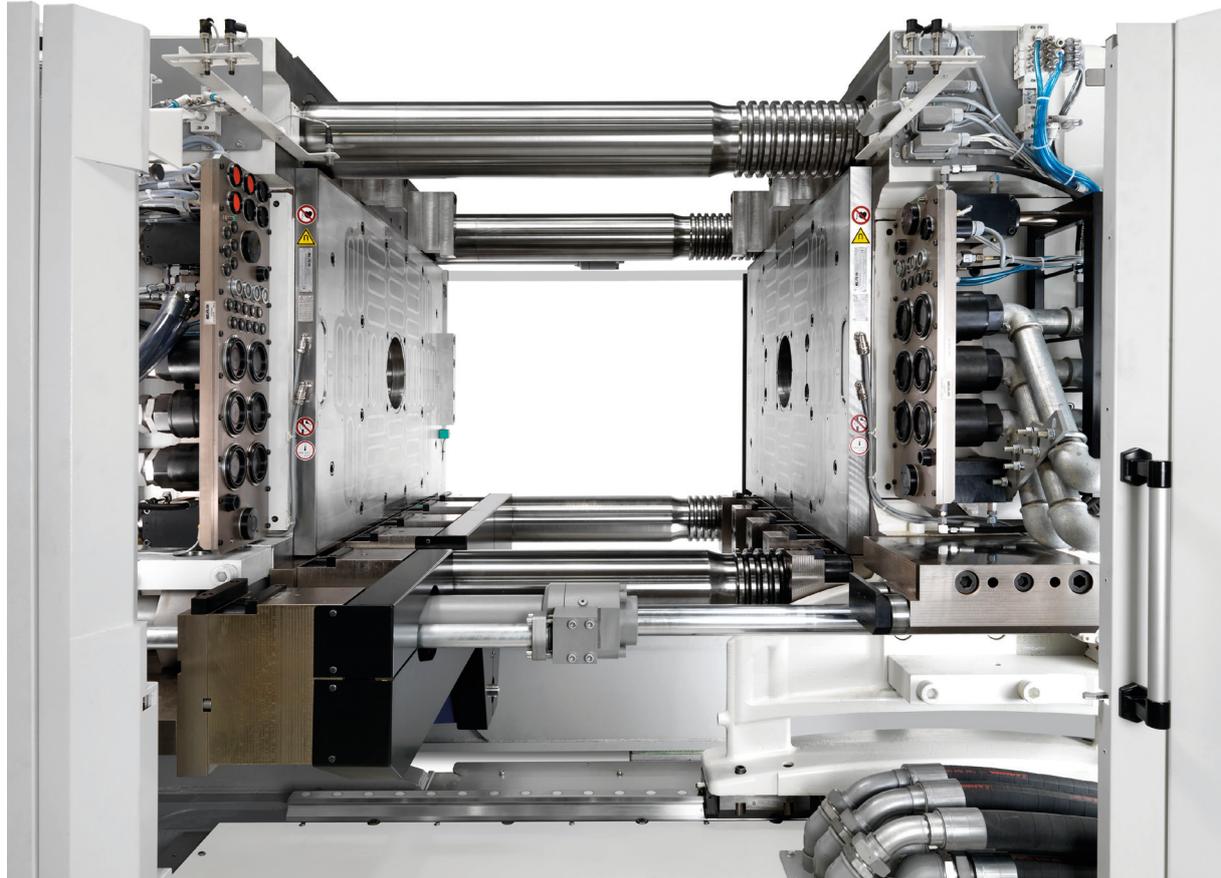
- **Touch Screen Control (MAGTCU13):** Equipped with a user-friendly 8" colour display featuring icon-based operations and multiple access levels, enhancing security and ease of use.
- **Remote Access:** Utilises VNC protocol for remote diagnostics and troubleshooting, reducing downtime.
- **Automatic Diagnostic Functions:** Incorporates four checkpoints to ensure system safety and performance, including mould presence detection and magnetisation verification.
- **Flexible Pole Replacement:** Facilitates quick and easy exchange of poles, reducing maintenance time and enhancing system uptime.
- **Safety Compliance:** Conforms to ISO standards, ensuring the highest levels of operational safety and reliability.
- **Temperature Control:** Features integrated sensors to maintain optimal working temperatures and prevent overheating.
- **Cost Savings:** Reduces mould changeover time, leading to increased machine productivity and lower operational costs.



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We solve the most technically advanced plastics automation problems across all industries.

## Magnetic Platens – Magnetic Clamping Solutions



Magnetic Platens Technical Specifications	Pressmag LP	Pressmag SP
Clamping Force	Up to 45,000 kN (4,500 t)	Up to 4,000 kN (400 t)
Magnetic Force per Pole	21 kN (2.1 t)	2.2 kN (0.22 t)
Plate Thickness	55 mm (2.16")	38 mm (1.5")
Max Working Temperature	100°C (212°F)	150°C (302°F)
Magnetic Flux Depth	25 mm (.98")	20 mm (.78")
Proximity Sensor Range	0.2 mm (.0078")	0.2 mm (.0078")
Standard Voltage	380/480 VAC, 50/60 Hz	380/415 VAC, 50/60 Hz
Control Unit	Touch screen MAGTCU13 with multiple access levels	Standard SCU or optional MAGTCU13
Temperature Sensor	Standard	Optional
Magnetic Flux Sensor	Standard	Optional
Pole Sealing	Metal	Resin or Metal

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