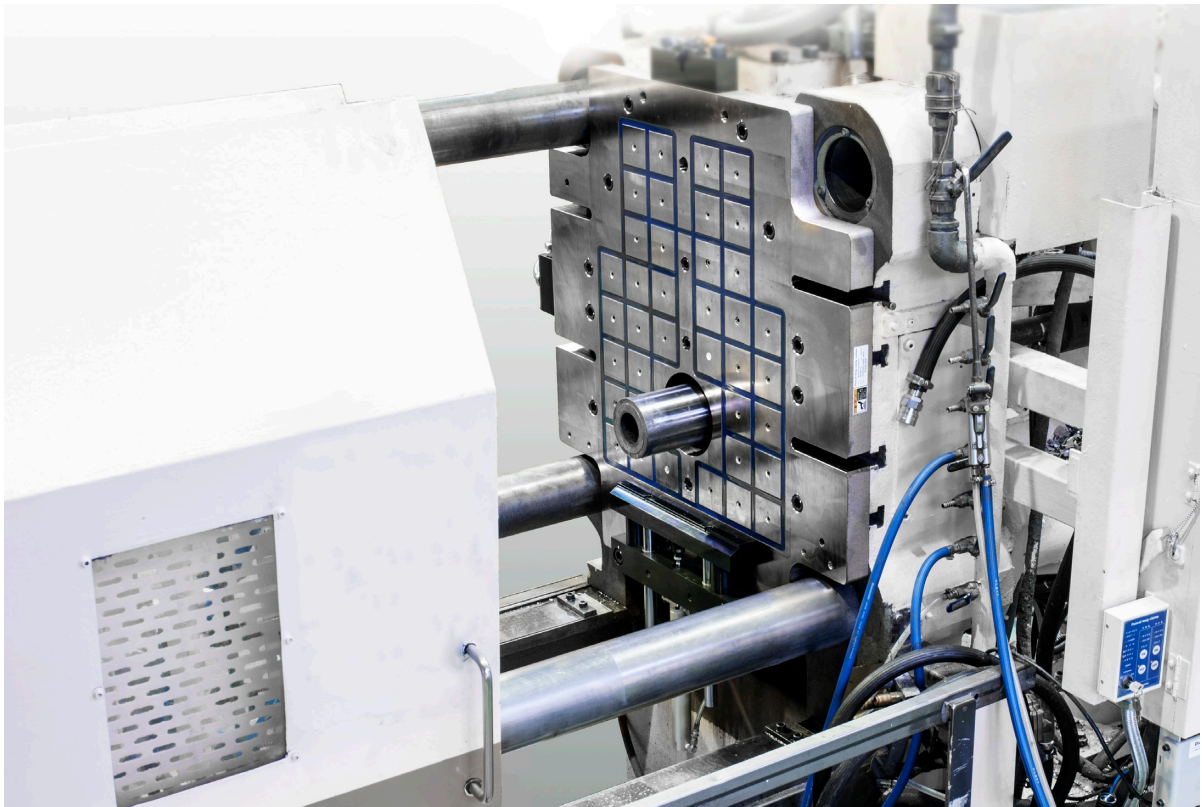


Pascal mag clamp

For die casting machine

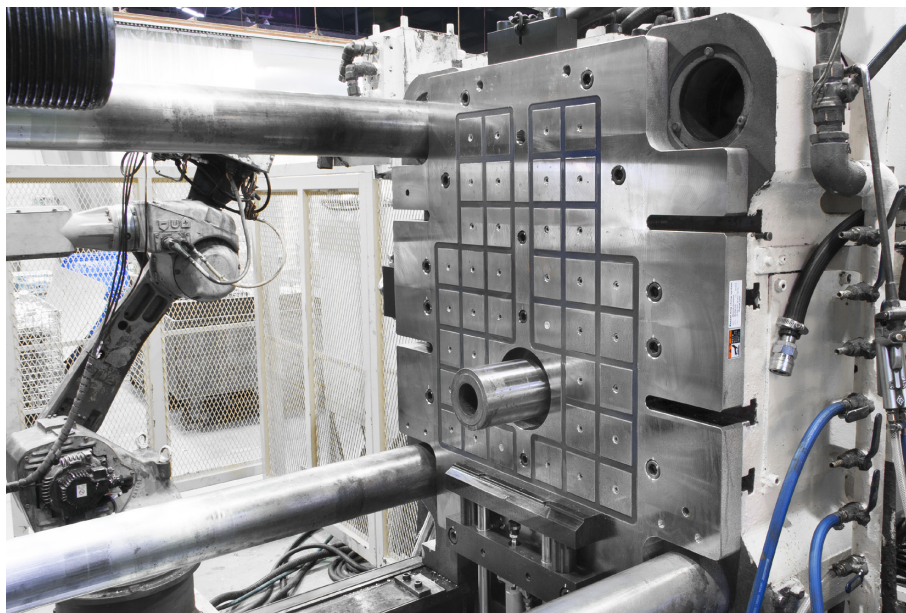


Pascal
www.pascaleng.co.jp

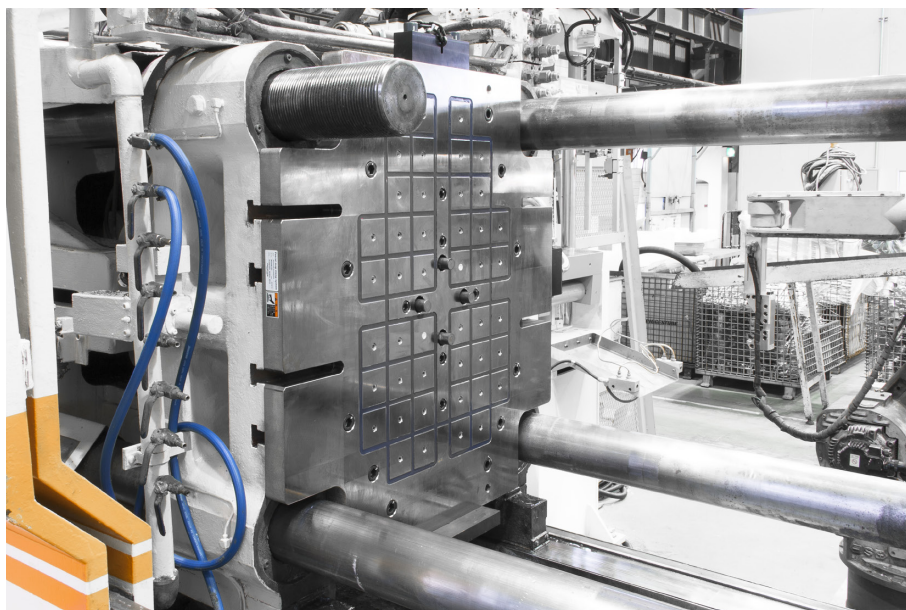
Clamp molds instantly with superstrong permanent magnets !

Pascal mag clamp is a mold clamp system for injection molding machines that clamps the mold with powerful magnet force. The clamp plate is one set of two plates for movable platen and fixed platen sides.

- Mold can be adhered and detached instantly (0.5-4.5 seconds).
- Energization required only when switching on and off. No electricity consumed, thus no heat generation.
- As the mounting space for mold and automatic clamp is not required, the mold machine **surface can be maximized.**

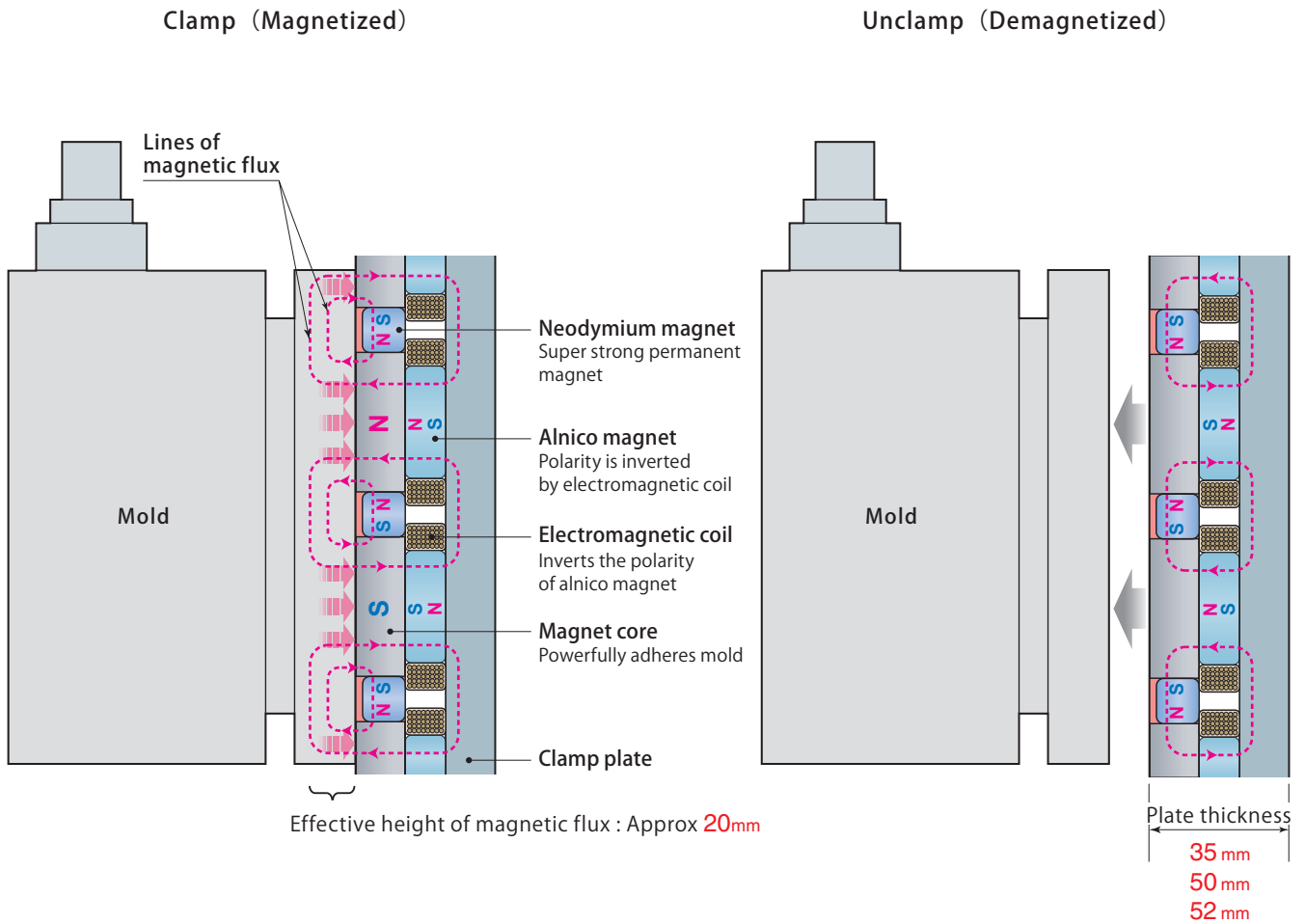


3,500kN (550ton) Die casting machine Mag clamp fixed side



3,500kN (550ton) Die casting machine Mag clamp movable side

Mag clamp structure and function



- 1 Electromagnetic coil is energized for **0.5 sec.**
- 2 Polarity of alnico magnet is inverted.
- 3 Neodymium magnet and alnico magnet become homopolar.
- 4 Magnet core becomes a strong magnet to clamp the mold.

- 1 Electromagnetic coil is energized for **0.5 sec.**
- 2 Polarity of alnico magnet is inverted.
- 3 Magnetic flux of neodymium magnet and alnico magnet is not emitted from the surface of the magnet core so that the mold can be unclamped.

Contact Pascal for the details.



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