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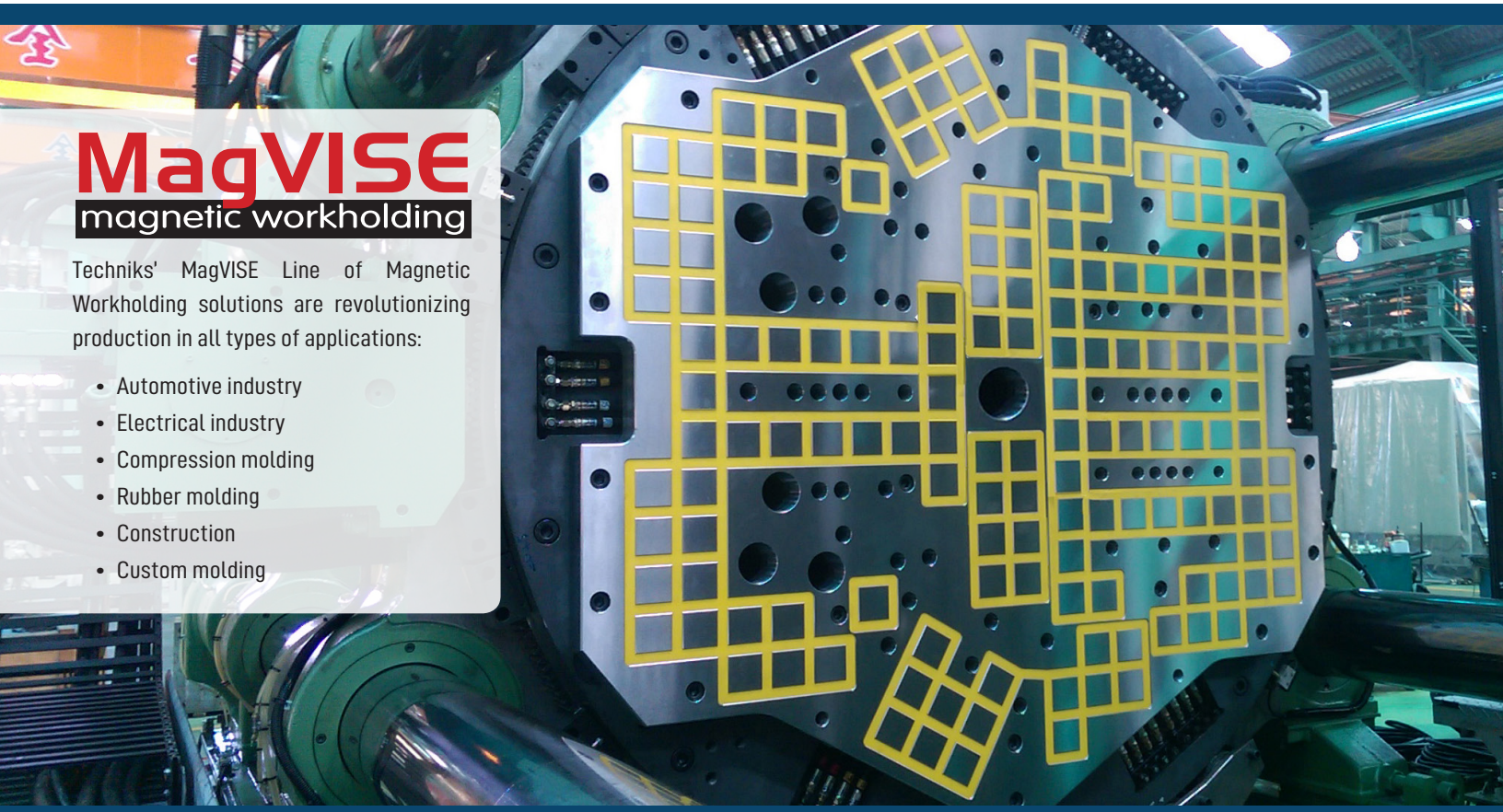
PLASTIC INJECTION MOLD CLAMPING MAGNETS

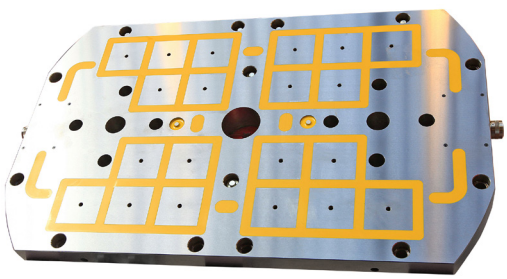


MagVISE
magnetic workholding

Techniks' MagVISE Line of Magnetic Workholding solutions are revolutionizing production in all types of applications:

- Automotive industry
- Electrical industry
- Compression molding
- Rubber molding
- Construction
- Custom molding

ELECTRO-PERMANENT MAGNETIC CHUCKS FOR QUICK-CHANGE MOLD CLAMPING

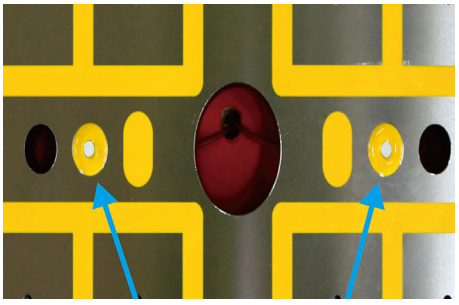


ADVANTAGES

- Reduce setup & change-over time
- Increase machine capacity
- Greatly improve overall productivity
- Easily integrates into your current PIM system
- Uniform clamping ensures better part quality

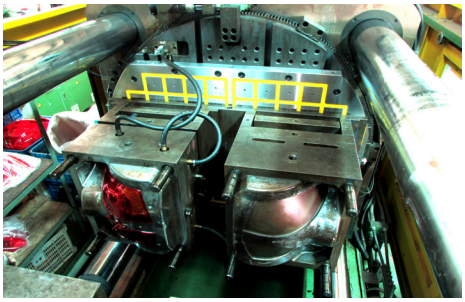
MagVISE PIM magnetic chucks are the perfect solution for quick mold and die change in the plastic injection, metal stamping, die casting and rubber molding industry. The overall effectiveness of the magnetic mold clamping surpasses traditional clamping methods, increasing productivity and quality with faster and safer mold changes.

Safety	Control requires simultaneous turn–key/button press activation.
Reliability	No moving or wearable parts, maintenance–free.
Uniform clamping force	Magnetic force is applied to entire surface area of mold.
Quality	Aboslute uniformity increases rigidity for better quality parts.
Flexibility	We design custom chucks for any application.
Increased mold life	No deformation, extends the longevity of molds.
Green technology	No electrial power needed once energized.

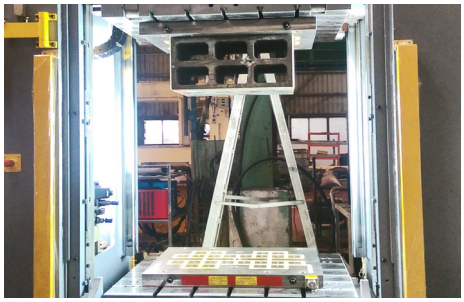


Proximity sensors ensure correct positioning.

Controls require operator to use both hands.



Custom designs for all types of applications.

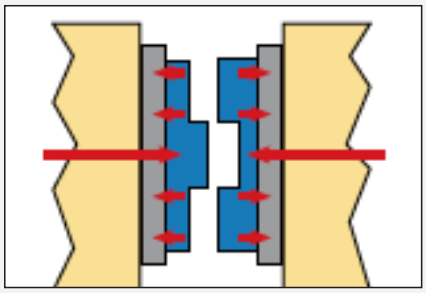


Perfect solution for vertical mold clamping.

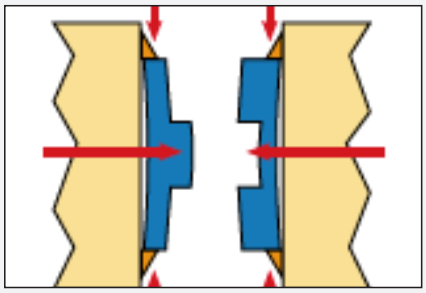
MAGVISE PIM VS TRADITIONAL CLAMPING

Traditional clamping focuses the clamping forces around the peripheral edges of the mold. Magnetic clamping generates clamping force over the entire surface of the mold.

Once magnetized, the mold virtually becomes one with your system. This increased rigidity equates to higher quality parts, increased repeatability and less maintenance of the mold.



Magnetic Mold Clamping - Uniform hold



Traditional Mold Clamping - Deformation

Model	Face (L x W x H)	Max Temp (F)	Holding Power	Pole Size (mm)	Power Supply
EEPM-1200PIM	59" x 59" x 2.75"	248˚	185,188 lbs.	92 x 92	35A, 480V single phase
EEPM-950PIM	57" x 41.3" x 2.75"	248˚	148,150 lbs.	92 x 92	30A, 480V single phase
EEPM-400PIM	41.3" x 25.6" x 2.75"	248˚	52,910 lbs.	92 x 92	40A, 480V single phase