PLASTIC INJECTION MOLD CLAMPING MAGNETS

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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Face (L x W x H)</th>
<th>Max Temp (°F)</th>
<th>Holding Power</th>
<th>Pole Size (mm)</th>
<th>Power Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEPM-1200PIM</td>
<td>59&quot; x 59&quot; x 2.75&quot;</td>
<td>248</td>
<td>185,188 lbs.</td>
<td>92 x 92</td>
<td>35A, 480V single phase</td>
</tr>
<tr>
<td>EEPM-950PIM</td>
<td>57&quot; x 41.3&quot; x 2.75&quot;</td>
<td>248</td>
<td>148,150 lbs.</td>
<td>92 x 92</td>
<td>30A, 480V single phase</td>
</tr>
<tr>
<td>EEPM-400PIM</td>
<td>41.3&quot; x 25.6&quot; x 2.75&quot;</td>
<td>248</td>
<td>52,910 lbs.</td>
<td>92 x 92</td>
<td>40A, 480V single phase</td>
</tr>
</tbody>
</table>

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.

**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**  
Absolute 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 electrical 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.

Magnetic Mold Clamping – Uniform hold

Traditional Mold Clamping – Deformation