Vibration and Shock Isolation Systems for Large Stamping Presses

Your Best Way to Install and Level Heavy Presses for Effective Vibration and Noise Control

SVX™ Viscous Damped Spring Mounts

MXL™ and MXLP™ Elastomer Isolators

MXBP™ Press Isolation Elements

MXBN™ Press Isolation Elements
**Features and Benefits**

- Excellent isolation for effective control of vibration and shock.
- High-performance, multi-layer, modular elastomer construction.
- Hydra/Level® Assisted Leveling.
  - faster, easier leveling, alignment and elevation adjustment.
  - preventative maintenance insurance in the event of foundation settling.
- Integrated precision leveling.
  - more precise.
  - infinitely adjustable.
- Two degrees of swiveling capability.
  - uniform support.
  - eliminate foundation/grout/sole plates.

**MXBP Press Isolation Elements**

- High-performance, multi-layer, modular elastomer construction.
- Cylinder Pockets for hydraulic assisted leveling.
- Shim leveling using Vibro/Dynamics supplied metal shims and non-slip material.
- Large anchor bolts not required to keep press from walking.
- Grout or sole plates are recommended, but not usually required due to generous foundation tilt and slope tolerance of the Isolation Element.

*Note: Hydraulic cylinders are optional accessories. (Supplied by Vibro/Dynamics or others.)*
MXBN Press Isolation Elements

**Features and Benefits**
- High-performance, multi-layer, modular elastomer construction.
- Shim leveling using Vibro/Dynamics supplied metal shims and non-slip material.
- Large anchor bolts not required to keep press from walking.
- Grout or sole plates are recommended, but not usually required due to generous foundation tilt and slope tolerance of the Isolation Element.

SVX and SVXN Viscous Damped Spring Mounts

**Features and Benefits**
- Ultimate control of vibration and shock transmission.
- Shim leveling using Vibro/Dynamics supplied non-slip, jute material.
- Grout or sole plates are recommended.
Vibro/Dynamics specializes in the installation of large stamping presses on anchorless isolation systems that provide faster, easier installations. Both Elastomer and Coil Spring type isolation systems are available depending on your vibration and shock isolation requirements.

MX Systems are elastomer type mountings that provide excellent vibration isolation. Natural frequencies as low as 8 Hz are possible with the MX systems due to their unique multi-layer, modular elastomer design. MXL and MXLP models feature integral precision leveling combined with Hydra/Level® lift-assist capability, making leveling and alignment of even the heaviest presses accurate, fast and safe. MXBP and SVX mounts have hydraulic cylinder pockets to make leveling with shims easier.

SVX Hy/Tuned™ Spring isolators offer the highest degree of vibration and shock isolation available. These isolators are the perfect solution for high impact presses located in vibration sensitive or unstable soil areas.

Determine your needs and then choose from the high quality line of Vibro/Dynamics products.

<table>
<thead>
<tr>
<th>Isolator Feature Matrix</th>
<th>MXL &amp; MXLP Micro/Level® Isolators</th>
<th>MXBP Isolation Elements</th>
<th>MXBN Isolation Elements</th>
<th>SVX/SVXN Viscous Damped Spring Mounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leveling &amp; Alignment</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Installation Time</td>
<td>Faster - Easier</td>
<td>Faster - Easier</td>
<td>Fast - Easy</td>
<td>Installation of grout plates, grouting, and cure requires additional time</td>
</tr>
<tr>
<td>Vibration &amp; Shock Isolation</td>
<td>None</td>
<td>Recommended</td>
<td>Recommended</td>
<td>Recommended/Required</td>
</tr>
<tr>
<td>Preventive Maintenance</td>
<td>None</td>
<td>Recommended</td>
<td>Recommended</td>
<td>Recommended/Required</td>
</tr>
<tr>
<td>Foundation Design</td>
<td>Recommended</td>
<td>Recommended</td>
<td>Recommended</td>
<td>Recommended/Required</td>
</tr>
<tr>
<td>Cost Savings</td>
<td>Anchor bolts may be required if grout plates must be bolted down to concrete surface.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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