



Vlier

SERIES LM LEVELING MOUNTS

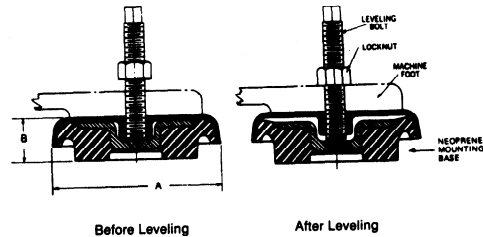
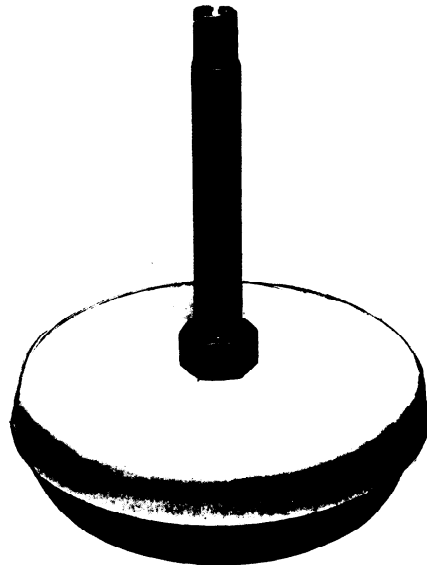
These general purpose shock and vibration mounts are constructed with a neoprene base which is resistant to cutting oils, grease, ozone, and caustics. The corrosion-resistant outer housing provides high strength. Cadmium-plated hardware resists rust. Leveling mounts are adjustable up to a full half-inch above loaded height by a few turns of the leveling bolt. Tightening the checknut then maintains the exact height you need at each mounting point.

BENEFITS

- Reduce Installation Costs
- No Special Foundations
- Easy Leveling
- Isolate Shock & Vibration
- Maximum Mobility
- Reduce Maintenance Costs
- Improve Production Efficiency
- Reduce Noise Levels
- Durable
- Meets OSHA Anchoring Standards

APPLICATIONS

- Punch Presses
- Milling Machines
- Drilling Machines
- Lathes
- Grinders
- Boring Machines
- Broaches
- Brakes
- Die Casting Machines
- Four Slides
- Gear Hobbers
- Jig Borers
- Riveters
- Sanders
- Saws
- Screw Machines
- Shapers
- Shears
- Mixers
- Injection Molding Machines
- and many others



Five standard size mounts, each with a broad load range, handle any size machine:

HOW TO SELECT THE PROPER MOUNT

- 1) Weight of machine ÷ number mounting points = maximum load per mount. If load is not distributed evenly, estimate load on each mount.
- 2) Select proper mount per load rating on chart below.
For example, if you have a 4800 lbs. machine with 4 mounting points:
 $4800 \div 4 = 1200$ lb. per mounting point.
You would select four LM5 mounts.

PUNCH PRESS APPLICATIONS between 150-300 SPM, reduce load rating of each mount by 50%.

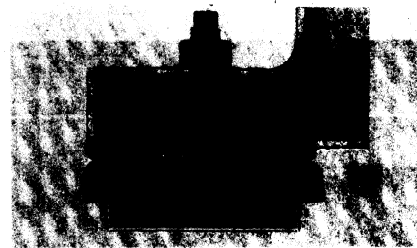
Above 300 SPM, use SLM Mounts. (See pg. 6)

For example:
12,000 lb. punch press ÷ 4 mounting points = 3000 lb/mounting point, which would indicate using LM5. But for punch press applications derate LM5 mount load range by 50% (i.e. 500-2100). Because your punch press has 3000 lb/mount point, you should select four LM7 mounts.

OPEN BACK INCLINABLE (OBI) presses inclined more than 20° consult your Vlier Distributor.

INJECTION MOLDING MACHINES—The LM9-B has been specially designed and built for use on machines with heavy horizontal forces.

LM9-B should be substituted for LM7-B in these applications.



LEVELING MOUNT SERIES LOAD RATING & DIMENSIONAL DATA						
Part #	Load Range Rating (lbs.)	Base (Inches)		Bolt (Inches)		Weight
		Outside Dia. (A)	Free Height (B)	Size	Length	
LM0-B	30-100	2	1	.25-28	1.75	4 ozs.
LM1-B	100-300	3.125	1.50	.375-24	3	1 lb. 4 ozs.
LM3-B	300-1,000	4.75	1.50	.50-28	5	2 lbs. 5 ozs.
LM5-B	1,000-4,200	6.312	1.625	.75-10	5	5 lbs. 2 ozs.
LM6-B	4,000-10,000	7.25	1.61	.75-10	5	7 lbs. 6 ozs.
LM7-B	4,000-13,000	9	2.50	1-14	8	12 lbs. 14 ozs.
LM9-B*	4,000-13,000	9	2.25	1-14	8	12 lbs. 11 ozs.

* LM-9B should be substituted for LM-7B in applications with heavy horizontal forces.
For punch press applications between 150-300 SPM, reduce load rating of each mount by 50%. Above 300 SPM, please call Berry Controls applications engineering at 1-800-BARRY-MA.

