MATIS INC. P.O. BOX 1437
BRIDGEVIEW, IL 60455-0437

Vlier

Part Number	Load Range (lbs.)	Dimensions									Weight (lbs.)
		A	B	C	D	*E	F	G	H	T	
SLM-1	25–100	3.00	3/8–16	.47	2.89	2.50	1.09	1.94	.25	.12	1
SLM-3	75–300	4.19	1/2–13	.54	4.14	2.50	2.06	1.94	.25	.12	1 1/2
SLM-6	150–600	5.13	1/2–13	.54	4.99	3.50	2.38	2.94	.375	.12	3 1/4
SLM-12	300–1200	6.88	1/2–13	.54	6.74	3.50	3.75	2.94	.375	.12	5 1/2
SLM-24	600–2400	10.00	5/8–11	.75	9.66	3.50	5.44	2.94	.50	.19	13
SLM-48	1,200–4800	13.50	5/8–11	.75	13.31	3.50	8.00	2.94	.63	.19	26
SLM-96	2,400–9,600	18.50	1–14	.88	18.44	3.50	11.75	2.94	.88	.25	57
SLM-192	4,800–19,200	24.00	1–14	.88	24.00	3.50	16.93	2.94	1.25	.25	100

*E ±1/4" = Inflated loaded height for steady force application.

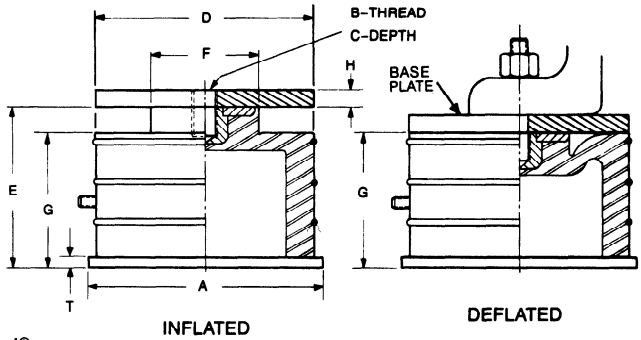
Notes:
The foot of the machine or appropriate base plate must cover the O.D. of the mount.

Base plate and bolts not included.

HOW TO SELECT THE PROPER MOUNT

1) Weight of machine ÷ number mounting points = Load (rating) per mount.

2) Select proper size per load rating on chart above. For example, if you have a 5000 lbs. punch press with 4 mounting points:
5000 ÷ 4 = 1250 lbs. per mounting point
You would select four SLM-24 mounts.



INFLATED DEFLATED

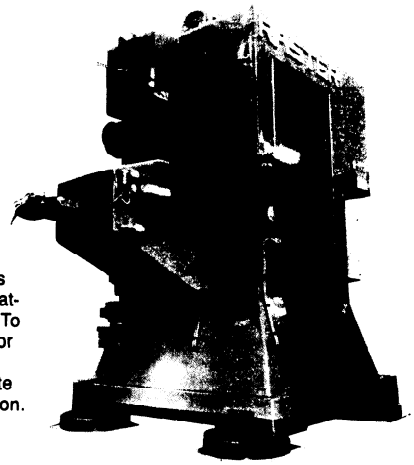
For:

IMPACT AND SHOCK APPLICATIONS: Stabl-Levl® mounts do not need to be derated.

PUNCH PRESS applications above 300 SPM.

OPEN BACK INCLINABLE (OBI) presses inclined more than 20? consult your Vlier distributor about positioning mounts.

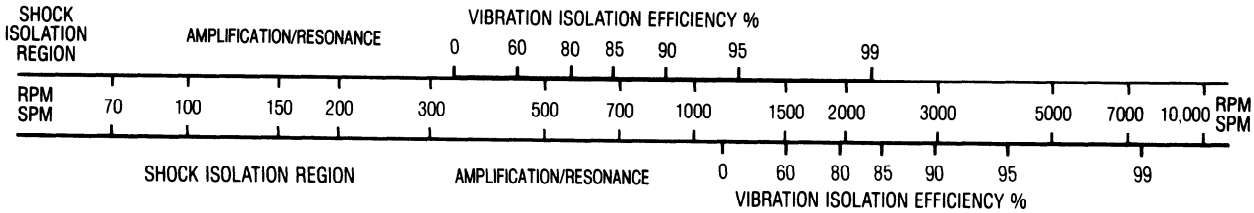
MACHINES WITH CONTINUOUS VIBRATION OF LARGE AMPLITUDE, i.e. large air compressors, consult Vlier Engineering.



Consider a high speed press mounted on SLMs and operating in an "isolation region." To operate at reduced speed, for die tryout, it may be wise to deflate the SLMs and operate in the "shock isolation" region.

APPLICATION PERFORMANCE

MOUNT INFLATED



MOUNT DEFLATED