

VIBRO/DYNAMICS

technologically advanced machinery mounting systems

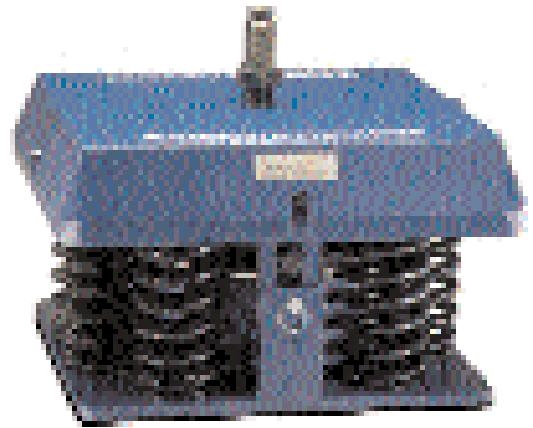


Hy/Speed® Spring Isolators

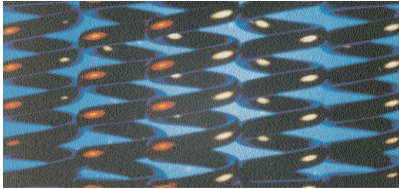


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Vibro/Dynamics' Hy/Speed® VSVL Spring Isolators are the ultimate in vibration control for high-speed machinery. The low natural frequency design of the VSVL Series Isolators effectively isolates both impact and inertia forces up to 99%. VSVL Hy/Speed Isolators also feature precision leveling capabilities, viscous damping, and quality construction.



**VIBRATION AND
SHOCK ISOLATION
FOR HIGH-SPEED
PRESSES**



VSVL Series Features and Benefits

Built-in Precision Leveling

Vibro/Dynamics VSVL Series Hy/Speed Isolators are equipped with precision leveling screws for fast and easy leveling.

Precision leveling means better alignment of machine components, resulting in increased machine accuracy and improved machine and tooling life.

This built-in leveling capability lets you get into production faster by leveling your machines quicker with far greater accuracy than the trial and error method offered by shims and grout.

Viscous Damping

Selecting the proper damping is essential for control of machine motion. This is why VSVL Series Hy/Speed Isolators are available with different degrees of viscous damping.

Viscous damping systems are best suited for machines that pass through resonance slowly and have large out-of-balance forces relative to machine weight, or whose operating speed is close to the natural frequency of the machine.

Extra Vibration Protection and Proper Support

Hy/Speed Spring Isolators come equipped with a high-quality resilient cushion that provides a uniform contact surface between the isolator and the floor. This cushion also isolates high-frequency vibration caused by coil spring resonance.

Built Tough To Last

Vibro/Dynamics combines its low-stress isolator design philosophy with high-quality materials to ensure the longest effective isolator life. VSVL Series Hy/Speed Isolators also feature an internal snubbing system that further protects the isolator and prevents spring overloading.

Lod/Sen Electronic Support

Hy/Speed Isolators purchased with our advanced Lod/Sen™ option and one of our electronic fine-tuning instruments provides easy analysis of a machine's support condition. This system indicates which isolators to adjust and how much to adjust them for optimum support.



Installation of a high-speed press on VSVL 2408 Isolators



Technical Assistance

To assure the best installation, our application engineers will carefully analyze your particular application needs and recommend the proper isolator for the best installation. Please give us a call, and we will be happy to assist you in your selection.

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