

VIBRO/DYNAMICS

vibration and shock isolation systems

Hy/Speed® Spring Isolators



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Vibro/Dynamics Hy/Speed® VSM Spring Isolators are ideal for controlling vibration from high-speed machinery weighing up to 72,700 lb. (33,000 kg). The low natural frequency design of the VSM Isolators effectively isolates both impact and inertia forces by up to 99%. VSM Isolators have material damping and high quality materials and construction. The VSML model also has a built-in leveling feature for precision alignment.



Model VSML1208

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



VSM & VSML Series Features and Benefits

Material Damping

Selecting the proper damping is essential to control machine motion. VSM model isolators feature a material damping system.

Material damping systems are best suited for machines that have low out-of-balance forces relative to machine weight; pass through resonance quickly; and operate at least 1.42 times above the natural frequency of the isolator.

Extra Vibration Protection and Proper Support

Unlike conventional spring mounts, 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.

VSML Series Hy/Speed Isolators also feature an internal snubbing system that further protects the isolator and prevents spring overloading.

Built-In Precision Leveling

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

Even months after initial installation, re-leveling adjustments can be made with a simple turn of a wrench.

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.



Installation of a high-speed press on VSML 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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