

## **VIBRO/DYNAMICS**

vibration and shock control systems

Hy/Speed® Spring Isolators



# VSV

**V**ibro/Dynamics

Hy/Speed® VSV Spring Isolators are the ultimate in vibration control for high-speed machinery. The low natural frequency design of the VSV Series Isolators effectively isolates both impact and inertia forces by up to 99%. VSV Hy/Speed Isolators have viscous damping and high quality materials and construction. The VSVL model also has a built-in leveling feature.



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

**VIBRO/DYNAMICS**

**Hy/Speed Spring® Isolators**

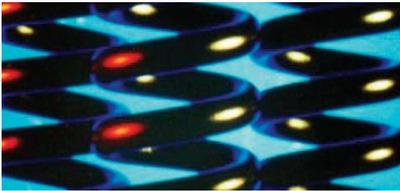


# VSV & VSVL Series Features & Benefits

**Viscous Damping**

Selecting the proper damping is essential to control machine motion. This is why VSV Series Hy/Speed Isolators are available in different viscous damping designs and configurations.

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.

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

**Built-in Precision Leveling**

The VSVL Model Series are equipped with either a precision vertical leveling screw or a wedge leveling device for fast and easy leveling.

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

A built-in leveling feature 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 VSVL2408 Isolators



VSVL Series with Wedge Leveling Device

**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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