

VIBRO/DYNAMICS

technologically advanced machinery mounting systems



Hy/Tuned™ Spring Isolators



SVS / SMS

Vibro/Dynamics Hy/Tuned™ Spring Isolators are a series of modular spring isolators designed to solve the toughest vibration and shock transmission problems.

Their low natural frequency design makes them the ideal solution for solving vibration and shock problems associated with large stamping presses. These isolators are designed to effectively isolate impact forces up to 99%.

SVS and SMS Spring Isolators also feature leveling and non-leveling versions, quality construction, and damping to limit press motion.



Model SVS4808R

**LOW FREQUENCY
VIBRATION & SHOCK
ISOLATION FOR
LARGE PRESSES**



SVS/SMS Series Features and Benefits



Model SVS3308

Extra Vibration Protection and Proper Support

Unlike conventional spring mounts, Hy/Tuned 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.

Damping Systems

Selecting the proper damping system is essential for controlling machine motion. SMS Isolators feature a material damping system, and SVS Isolators have a viscous damping system.

Viscous damping is best suited for presses that have a high degree of unbalanced inertia force. This type of damping is also desirable for presses that generate high forces during clutching and braking.

Material damping is best suited for presses with moderate vertical and horizontal inertia forces. Also, material damped isolators are desirable for installations that have isolator space constraints since their design is more compact than viscous damped isolators.

Optional Built-In Leveling

SVSL and SMSL Series Hy/Tuned Isolators are equipped with a precision leveling system for fast and easy leveling. Precision leveling means better alignment of press components, resulting in greater part accuracy and improved machine and tooling life. Built-in leveling allows you to get into production faster.

Built Tough To Last

Vibro/Dynamics combines its low-stress isolator design philosophy with high-quality materials to ensure the longest effective isolator life. Our isolators are built to last even under the most severe operating conditions.



Press mounted on SVS spring isolators.

Close-up of an isolator and outrigger beam under a press foot.



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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