

## Technologically Advanced Installation of **Die Cast Machines**

*Vibro/Dynamics*® Isolators provide the best installation and mounting system for Die Cast Machines of all sizes. Their unique design increases machine uptime and stability; improves alignment and part quality; and increases the life of molds, tie bars, and other machine components.

Die Cast Machines installed on *Vibro/Dynamics*® Isolators experience less frame distortion and don't walk because the isolators are designed and selected to remain in compression throughout the cycle of the machine.



- Faster Installations
- Precision Leveling
- Accurate Alignment
- Less Frame Distortion
- Reduced Clamp Rotation
- Optimum Support
- No Walking

# Machinery Mounting Systems for Die Casting Machines

## Reduce Installation Costs

Compared to anchoring diecast machines to the foundation, floor, or i-beams, installations costs are typically reduced by half or better. The larger the machines, the greater the savings!

## Precision Leveling and Alignment

Vibro/Dynamics Isolators provide faster, more precise leveling. Even the largest machines can be leveled in a few hours. Once leveled, they stay that way because they are extremely durable, don't creep or wear out over time, and can be reused if the machine is relocated.

## Reduce Vibration and Noise

Vibro/Dynamics Isolators reduce structural-borne vibration and noise that disturbs quality inspection equipment, precision machine tools, office areas and neighbors.

## No Anchoring - No Walking

Unique Glide/Damping™ designs and expert Application Engineering give Vibro/Dynamics Isolators a technological advantage. They keep machines from walking during normal operation and emergency stops - GUARANTEED!

## Dynamic Parallelism and Reduced Machine Stress

Precise leveling and alignment combined with horizontal force absorption reduces machine frame distortion. Vibro/Dynamics Isolators feature unique Glide/Damping™ designs that allow the machine a slight degree of lateral freedom, allowing the frame to move as a *rigid body* when subjected to inertia forces caused by normal machine operation or from emergency stops. Benefits are greatly reduced machine stress, less frame distortion, and reduced wear and tear on machine components and tooling.

## Technical Assistance and Application Engineering

To assure the best installation, our Application Engineers will carefully analyze your particular application requirements and recommend the proper isolator for the best installation possible.

## Vibro/Dynamics Micro/Level® Isolators

are Vertical Leveling Screw Isolators made from high-quality materials: ductile-iron support housings; high-strength steel bearing plates and leveling screws; and one piece, specially compounded, compression molded elastomers that last!



## Vibro/Dynamics Wedge Isolators

with their side adjust leveling screw makes them ideal for leveling and installing machines that cannot use Vertical Leveling Screw Isolators because the mounting holes are too small or nonexistent. The Wedge design also has a mechanical advantage, making leveling and alignment adjustments easier while still under load.



## Installation of a line of LK Die Cast Machines on Vibro/Dynamics 12WK Wedge Isolators.



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