

Solutions in Energy Absorption and Vibration Isolation



ITT

ENGINEERED FOR LIFE

Global Presence



Providing energy absorption and vibration isolation solutions to meet customers application needs globally.



ITT Enidine provides quality energy absorption and vibration isolation products and services to a variety of heavy industries throughout the globe. These industries include; steel and aluminum rolling mills, manufacturers of mill equipment, gantry cranes, ship to shore cranes, overhead bridge crane manufacturers and automated stacker cranes. ITT is a diversified leading manufacturer of highly engineered critical components and customized technology solutions for growing industrial end-markets in energy infrastructure, electronics, aerospace and transportation.

Building on its heritage of innovation, ITT partners with its customers to deliver enduring solutions to the key industries that underpin our modern way of life. Founded in 1920, ITT is headquartered in White Plains, NY, with employees in more than fifteen countries and sales in more than 125 countries. The company generated pro forma 2010 revenues of approximately \$2 billion.

As part of our strategy to make the customer central to everything we do, our core technologies, engineering strength and global scale offers greater value for customers in terms of quality, cost and delivery.

Custom Engineered Products

WEAR™ (Wire Energy Absorbing Rope) pipe restraints are uniquely packaged wire rope isolators designed to protect structures from steady state vibration and isolate them from seismic and dynamic loads. These new generation energy absorbing restraints feature simple construction. There are no oils, seals or complex moving parts required to perform their function.



Enidine is your partner for standard and custom elastomeric isolation systems for shock, vibration and noise reduction solutions. We have a wide range of products, and testing capabilities that allow us to engineer, develop and improve system performance. Enidine has the material technology needed to suit your most demanding vibration applications.

Jarret Visco-Elastic Fluid Shock Absorbers and Springs have been successfully applied in the steel industry for over 40 years. Due to the comprehensive capability of silicone fluid, the shock absorbers do not require the additional internal gas or mechanical springs to return the piston rod to its original position. Jarret Shock Absorbers also provide reliability, low sensitivity to temperature variances and a high damping co-efficient.

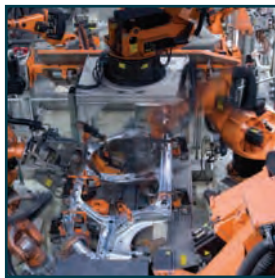


Small Bore Shock Absorbers

With the newest innovations in energy absorption technology, Enidine offers the widest selection of Industrial Shock Absorbers in the world. Protecting industrial machinery from potential damage and workers from personal injury, Enidine shock absorbers allow machines to operate faster while throughput and efficiency is improved.

Common Applications:

- Automotive
- Conveyor Systems
- Plastic Bottle Manufacturing
- Packaging Machinery
- Robotics



Small Bore Shock Absorber Products

www.enidine.com/Industrial/Adjustable_Shock_Absorbers.html

www.enidine.com/Industrial/Non-Adjustable_Shock_Absorbers.html

www.enidine-eco.com



Large Bore Shock Absorbers

ITT Enidine's Heavy Industry products are designed to protect our customers high value assets from damage caused by impacts and emergency runaway conditions. Enidine designs these products to meet specific customer requirements. With a full range of standard products and a full range of expertise to customize them, we offer the flexibility to meet your needs.

Common Applications:

- Auto, Storage and Retrieval
- Steel Manufacturing
- Overhead Cranes
- Oil and Gas
- Hydroelectric
- Robotics



Large Bore Shock Absorber Products
www.enidine.com/Industrial/HDmain.html
www.enidine.com/Industrial/HLmain.html
www.enidine.com/Industrial/Jarretmain.html
www.enidine-ves.com



Vibration Isolation

Wire Rope Isolators are helical wound cable isolation mounts that offer multi-axis, maintenance-free shock and vibration isolation within a wide operating temperature range. Comprised of stainless steel cable threaded through aluminum alloy retaining bars, Wire Rope Isolators are not only rugged, but versatile for any application.

Common Applications:

- Electronics Cabinets
- Pumps, Generators, Compressors
- Shipping Containers and Skids
- Sensitive Mobile Electronics
- Medical Equipment
- Chemical Processing Equipment
- Disk Drives



Wire Rope Isolator Products

www.enidine.com/WireRopelisolators.html

Compact Wire Rope Isolator Products

www.enidine.com/CWRMain.html



Actuation and Vibration Isolation

Air Springs use compressed air to provide actuation and vibration isolation. Unlike air cylinders, Air Springs can operate in an arc like motion without additional mounting hardware, and can be installed in machines where space is a premium.

Common Applications:

- Canning Industries
- Compressor Systems
- Conveyor Systems
- Lumber Industries
- Paper and Pulp Mill Equipment
- Press Equipment
- Packaging Machinery
- Oil Industries
- Lift Tables
- Large Material Handling



Air Spring Products
www.enidine.com/Airsprings.html





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