

# Solutions in Energy Absorption and Vibration Isolation



**ENIDINE**



# Global Presence

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Established in 1966, ITT Enidine Inc. offers the widest range of standard and custom energy absorption, vibration isolation and noise attenuation products for global industrial applications that demand the highest level of quality, on time delivery, service and support. We offer a broad range of highly engineered products to extend equipment life, improve comfort and increase safety and reliability.



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

# Highly Engineered Products

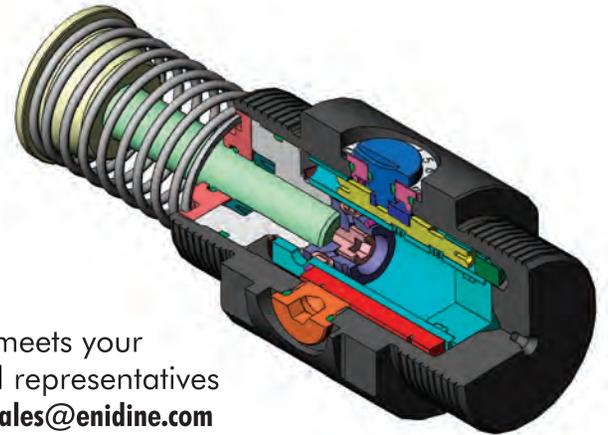
**ITT Enidine is your trusted source for highly engineered diversified products for global industrial end markets for over 50 years.**

From Original Equipment Manufacturers (OEM) to aftermarket applications, ITT Enidine offers a unique combination of product selection, engineering excellence and technical support to meet even the toughest energy absorption application requirements.

## **Global Manufacturing and Sales Facilities offer our customers:**

- Highly Trained Distribution Network
- State-of-the-art Engineering Capabilities
- Custom Solution Development
- Customer Service Specialists
- Multiple Open Communication Channels

If you are unsure whether one of our standard products meets your requirements, feel free to speak with one of our technical representatives toll-free at **1-800-852-8508**, or contact us via e-mail at **[techsales@enidine.com](mailto:techsales@enidine.com)**



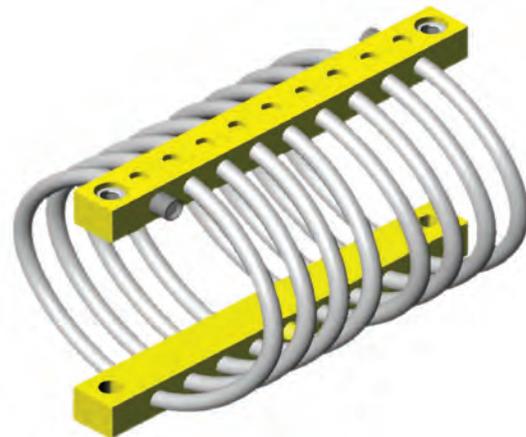
## **Products/Engineering/Technical Support**

ITT Enidine continually strives to provide the widest selection of shock absorbers and rate control products in the global marketplace. Through constant evaluation and testing, we bring our customers the most cost effective products with more features, greater performance and improved ease of use.

## **New Products and Services**

ITT Enidine engineers continue to monitor and influence trends in the motion control industry, allowing us to remain at the forefront of new energy absorption product development such as our new ECO Series and HDN Series shock absorbers.

Our experienced engineering team has designed custom solutions for a wide variety of challenging applications, including automated warehousing systems and shock absorbers for hostile industrial environments such as glass manufacturing, among others. These application solutions have proven to be critical to our customers' success. Let ITT Enidine engineers do the same for you.



**Contact us today to learn more!**

## Small Bore Shock Absorbers

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

### Applications:

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



## Large Bore Shock Absorbers

ITT Enidine's Heavy Industry products are designed to protect our customer's high value assets from damage caused by impacts, emergency runaway conditions and seismic activity. ITT 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.

### Applications:

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



## Fluid Viscous Dampers

ITT Enidine Fluid Viscous Dampers provide the ultimate in supplementary damping from low rise to mega-tall buildings, bridges, stadiums, and more. With our in-house testing capabilities we can meet the most demanding application requirements to protect valuable assets from dangerous shock and vibration inputs. Our Fluid Viscous Dampers are designed to meet stringent performance requirements while being maintenance-free with a long design life and are constructed to endure the most challenging environments including marine, wind, and temperature extremes.

### Applications:

- Seismic Structural In-Frame
- Base Isolation
- Seismic Bridge
- Tuned Mass Damping
- Floor Isolation Systems
- Chimney/Stack Damping
- Storage Rack System
- Stadium Seating Damping Systems
- Hydro-Electric Generator Damping
- Electrical Infrastructure Isolation
- Electric Wind Mills



## Vibration Isolation and Damping

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, our various models of Air Springs and custom elastomeric products offer the versatility to control motion, noise and vibration in a variety of industrial applications.

### Applications:

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



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