

Heavy Duty Shocks (HD/HDN)

for Material Handling Equipment



Enidine's HD/HDN Series of heavy duty shock absorbers protect equipment from large impacts in applications such as automated storage and retrieval systems as well as overhead bridge and trolley cranes. They are available in a wide variety of stroke lengths and damping characteristics to increase equipment life and meet stringent deceleration requirements.

Features and Benefits

- Designed with Environmentally friendly materials and fluids
- Incorporating optional fluids and seal packages can expand standard operating temperature range from 15°F to 140°F (-10°C to 60°C) to -30°F to 210°F (-35°C to 100°C)
- Compact design smoothly and safely decelerates large energy capacity loads up to 3,000,000 in-lbs. per cycle (330 000 Nm)
- Internal charged air/oil accumulator replaces mechanical return springs, providing shorter overall length and reduced weight. Optional Bladder Accumulator (BA) for higher cycle rates also available.
- Engineered to meet OSHA, AISE, CMAA and other safety specifications such as DIN and FEM.
- Painted external components provide excellent corrosion protection.
- All sizes are fully field repairable.
- Piston rod extension sensor systems available for re-use safety requirements.



7 Centre Drive | Orchard Park, NY 14127
Phone: 716.662.1900 | Fax: 716.662.1909 | www.enidine.com