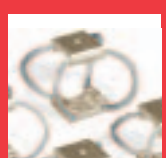


Secure Stop with **E**-shock
Shock Absorbers from Enidine

NEW

In Case of Emergency
You should be prepared

E-shock Series
Shock Absorbers



Solutions in Energy Absorption and Vibration Isolation.



An IMC Company

Germany • UK • USA • Japan • China

E-shock Series - the NEW Emergency Damper from Enidine

What is the **E-shock Series Shock Absorber** from Enidine?

Features and Benefits

- Suitable for applications with minimal usage and low operational cycle life (up to 5 cycles)
- 3 times higher energy capacity
- 3 times higher shock force
- Stroke lengths available from 10 to 150 mm
- Thread size available from M12

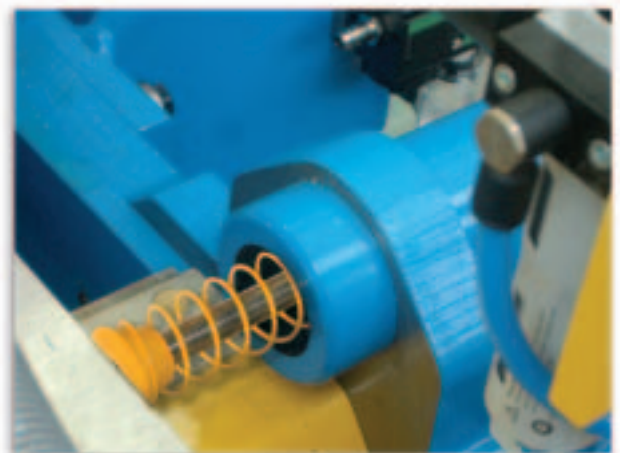
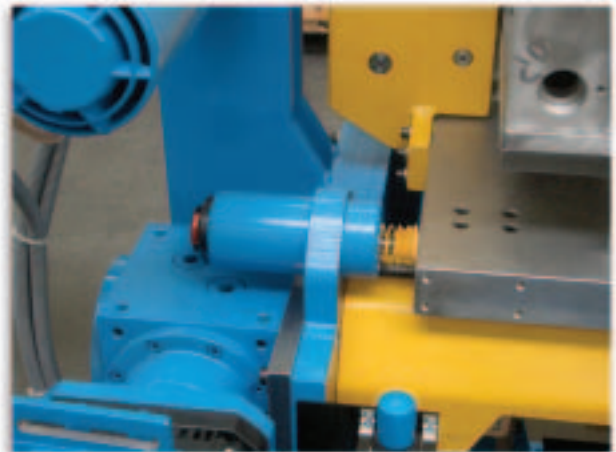
★★★ **DREISTERN**

Where are **E-shock Emergency Dampers** used?

Designed to safely absorb the energy of a high unexpected impact runaway condition, Enidine's emergency dampers provide a superior damping system at an affordable price. Emergency shocks are used in applications where the normal operation requires no damping system but unexpected failures of system shutdown occurs therefore Enidine's emergency shocks are positioned to safely decelerate the moving mass. E-shocks can be applied anywhere this condition exists including factory automation, machining centers, pick and place applications and machine tools.

A typical example for the use of Enidine E-shocks would be the installation on cut-off machines. Dreistern, based in Schopfheim/Germany is a leading manufacturer in rollforming and welding. Their cut-off machines require damping at the end of the base frame of the x-axis to stop quick moving large masses (up to 8,5 tons and up to 60 m/min) in emergency case situations.

Enidine E-shock Emergency Dampers are easy to install, providing an increased energy rating capability when compared to traditional standard models while maintaining the same security level. The E-shock provided the solution for Dreistern's application needs, minimizing the breakdown risk to their valuable equipment, saving them time and money compared to prior installations of rubber bumpers or mechanical springs.



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E-shock Series - the NEW Emergency Damper from Enidine



Sizing Table

With this table you can select the damper that fits your application needs.

To verify your selection please contact us with your application values:

Mass / Impact Velocity / Propelling Force / Cycle Rate (1-5) / Horizontal or Vertical Application.

Standard-Shock Absorbers Up to 2.7 Mill. cycles			Standard-Shock Absorbers Emergency Damper		Emergency Damper Up to 5 cycles		
Model	Energy Rating per Stroke (Nm)	Max. Shock Force (N)	Stroke (mm)	Thread Size (mm)	Energy Rating Stroke (Nm)	Max. Shock Force (N)	Model
PM 15	10	2 000	10,4	M12 x 1,0	25*	5 000*	EM-15
PM 25	26	2 800	16,0	M25 x 1,0 – M14 x 1,5	56*	7 000*	EM-25
SPM 25	17	2 220	12,7	M14 x 1,5	44*	7 000*	SEM-25
PM 50	54	3 750	22	M20 x 1,5	110*	10 000*	EM-50
SPM 50	26	3 110	12,7	M20 x 1,5	63*	10 000*	SEM-50
PM 100	90	5 500	25	M25 x 1,5 – M27 x 3,0	250*	20 000*	EM-100
PM 120	160	11 120	25	M33 x 1,5	500*	40 000*	EM-120
PM 125	160	11 120	25	M36 x 1,5	500*	40 000*	EM-125
PM 220	310	11 120	50	M33 x 1,5	1 000*	40 000*	EM-220
PM 225	310	11 120	50	M36 x 1,5	1 000*	40 000*	EM-225
PM 1525	367	29 000	25	M45 x 1,5	685*	50 000*	EM-1525
PM 1550	735	29 000	50	M45 x 1,5	1 375*	50 000*	EM-1550
PM 1575	1 130	29 000	75	M45 x 1,5	2 060*	50 000*	EM-1575
PM 2050	1 865	60 500	50	M64 x 2,0	3 600*	120 000*	EM-2050
PM 2100	3 729	60 500	100	M64 x 2,0	7 200*	120 000*	EM 2100
PM 2150	5 650	60 500	150	M64 x 2,0	10 800*	120 000*	EM-2150

*Higher values are possible through customized orifice configuration.



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Enidine Product Portfolio

Industry Shock Absorbers Energy Absorption

TKA/TKB Miniature Dampers

Thread Sizes
M6-M8

Platinum Series

Thread Sizes
M10-M36

Xtreme

Shock Absorbers
Thread Sizes
M42-M64

PRO Long Stroke

Shock Absorbers
Thread Sizes
M20-M25

E-shock

Emergency Dampers
Thread Sizes
M12-M64

HD and HT Series

Heavy Duty and
Heavy Industry Dampers

Rate Controls Speed Control

ADA/DA Rate Controls

Controls the Speed
Various Models
Available

Wire Rope Isolators and Air Springs

Protection Against Shock and Vibration

Compact Wire Rope Isolators

Protect Sensitive
Applications
Rating 20 g - 12 kg

Standard Wire Rope Isolators

Highly Efficient Shock
and Vibration Isolation
Rating 0.5 kg - 1600 kg

Air Springs

Vibration Isolation
and Stroke Applications
Rating 10 kg - 16,000 kg

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