

# DO YOU NEED SHOCK ABSORPTION OR SPEED CONTROL?

## How to select the right Deschner product for your application

If you need to control the speed or feed rate of your equipment select a Kinechek.

### KINECHEK SPEED REGULATORS

**KINECHEK** speed regulators will control how fast a device moves. The plunger rod on a Kinechek moves at a constant rate throughout its entire stroke. This is accomplished by having only a single port drilled into the high pressure cylinder. The moving load pushing on the rod forces the fluid ahead of the piston to meter through this single port thus keeping the load movement constant throughout the stroke length of the Kinechek.

The Kinechek line of Speed Regulators also includes specialty Kinecheks such as the Skipchek, Peckchek, Cushion-start, Super K and Mini K models for special applications. For more information about the specialty Kinecheks, see our website at [www.deschner.com](http://www.deschner.com).

If your equipment is vibrating excessively or banging in operation then you need a shock absorber.

### CUSHIONEER SHOCK ABSORBERS

**CUSHIONEER** shock absorbers are designed to absorb the impact energy of fast moving equipment and then smoothly decelerate the load. The plunger rod on a Cushioneer moves relatively fast at the beginning of its stroke but steadily slows as the plunger rod is depressed. This is accomplished by arranging a series of variable sized and spaced ports drilled into the high pressure cylinder. When the plunger rod is impacted by the moving load the impact energy is transferred to the fluid ahead of a piston which is attached to the rod. The fluid initially escapes through all the ports but as the piston travels down the cylinder more and more ports are shut off increasing the resistance and thus slowing down the moving load bringing it to a smooth stop.



1/2, 1, 2 & 3" stroke lengths  
1200 lb. max. load capacity

FOR MORE DETAILED INFORMATION AND  
PRODUCT SPECIFICATIONS, CONTACT:



3211 W. Harvard St.  
Santa Ana, Ca. 92691, USA  
714-557-1261

[sales@deschner.com](mailto:sales@deschner.com)  
[www.deschner.com](http://www.deschner.com)



1/2, 1, & 2" stroke lengths  
1600 in. lb. max. impact

### Constant Velocity (*Kinechek*) vs. Deceleration (*Cushioneer*)

