



## Self-Contained Gas Springs

Standard and specialty catalog items that are available in numerous tonnages, strokes, and profiles. Available in bore and rod seal.



## XTREME Duty Gas Springs

Customizable and robust, XTREME Duty Springs are ideal for energy absorption and vibration isolation.



## Baseplate Systems

Equalizes forces throughout the system and enables flexible spring placement. Has single point pressure release. Available in hoses, hoseless, and volume tanks.



## Manifold Systems

Long lasting and low profile, protect against draw lube and debris ingestion. Available with our patented lubrication system and volume tanks.



## Steady Stand Springs

Belleville washer stack replacement. Self-contained force solution that eliminates fatigue and reduces maintenance cost.



## Dyne-A-Cam®

Compact cam units prevent damage to die components and accommodate unique angles. Available in NitroCAM or Roller Cam.



## Di-Dro Delay Systems

Eliminates reverse tonnage and increases press life with minimal stored energy. Pad delay prevents part reversal. Modular-hosed and manifold configurations available.



## Knockout Systems

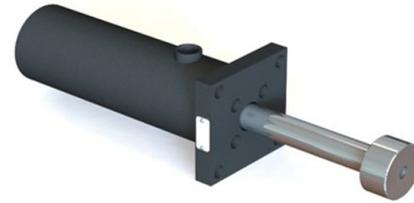
Enables flexible, timed part knockout in metal forming applications. Available in self-contained or active hydraulic systems.





## Counterbalance

Ideal for applications in limited space, PED approved and warranted for 2 million strokes. Easily adjustable force of up to several times the Gas Spring's weight.



## Shock Absorbers

Available in adjustable and non-adjustable damping. Has improved life over off-the-shelf offerings with a damping profile optimized for each application.



## Hose System & Fittings

Equalizes monitoring and adjusting of spring pressure outside of die with numerous hose systems and components.



## Integrated Cushion Systems

Active force systems enabling higher quality part stamping and optimizes processes. TRUEform™, OPTIform™ and MASTERform™ options.



## INSTAclamp™ Lock Rings

Lightweight chock retention and industrial clamp rings. Feature single-action locking to optimize install and removal, and eliminate failures.



## Toolmind Sensor

A real time monitoring system with triggers to automatically notify and stop production of incorrect parts when either pressure or temperature are wrong.

