

HYSON™ Product Lines



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.



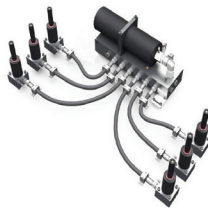
Steady Stand Springs

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

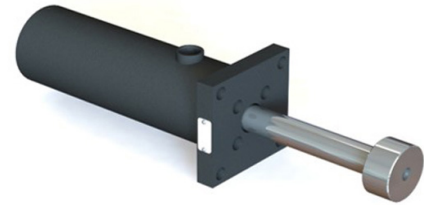
Enables flexible, timed part knockout in metal forming applications. Available in self-contained or active hydraulic systems.

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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.