



Introduction

The Tanker® XP Series of nitrogen gas springs is the newest generation of the original Tanker® Series. Direct dimensional replacements for the Tanker Series that preceded it, the Tanker XP Series has been redesigned to provide extra performance in your metalforming operations.

X-tra Versatility

- Fully interchangeable with original Tanker nitrogen gas springs
- Can be used in both self-contained and hosed systems

X-tra Contamination Resistance

- Designed with both rod and bore scrapers for improved performance under extreme conditions
- Dynamic sealing on the cylinder bore so seal is not exposed



X-tra Durability

- Corrosion-resistant body and piston rod assembly
- Rod and piston bearings offer superior guidance

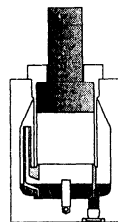
X-tra Performance

- Lower operating temperature and pressure rise for reduced wear on die and press components
- Patented dynamic lubrication reduces heat build-up and extends spring life

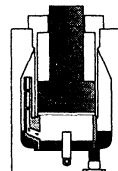
The Dyne-A-Lube® Lubrication System

With each press cycle, a coating of lubricating oil is automatically pumped onto the sealing surfaces inside the gas spring. This dynamic lubrication helps provide cool running, long life operations.

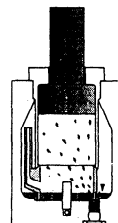
Here's how it works:



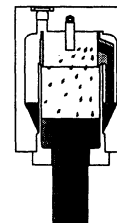
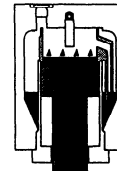
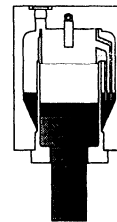
Die Open Position: the bottom of the Tanker XP gas spring contains lubricating oil. Its inner and outer chambers are connected with a gas and oil passage.



Press Closing: As the piston rod compresses, oil and gas are pushed into the outer chamber.



Press Opens: Gas from the outer chamber rushes back into the inner chamber, forcing oil to spray over the spring wall, piston and seal.



Lower Application

Upper Application