Lancer Systems is a team of engineering and manufacturing experts that are committed to developing and delivering innovating material and assembly solutions that help the warfighter complete his mission. We have the capability to design and manufacture performance hydraulic sealing solutions and non-metallic bearings, as well as structural plastic, composites and apply world class assembly and logistics expertise.

While the name Lancer Systems may be relatively new to the marketplace, we have a storied and successful pedigree behind us. Formed by Greene, Tweed's ownership, Lancer Systems was created to focus efforts solely on the defense industry.

Lancer System's presence in the defense market is a continuation of Greene, Tweed's extensive history of supplying sealing solutions for military equipment and applications. Over the years Greene, Tweed has established itself as the "go-to" sealing solution provider for reliable engineered solutions working on a number of weapon system life extension and modification programs that have enabled a number of older systems to stay in service longer and operate under more demanding conditions.

We have been supplying hydraulic sealing solutions for a variety of military applications since WWII. From missiles and rockets to aircraft landing gear, armored vehicle suspension and artillery recoil systems, Greene, Tweed's elastomers and thermoplastics have delivered optimum performance in harsh environments. Greene, Tweed seals and non-metallic bearing solutions are routinely applied to solve problems when other products are unable to perform.

Seals and Bearings

Applications

- Artillery & Large Gun Recoil Cylinders
- Artillery & Large Gun Recuperators / Replenisher
- Shock Absorbers
- Hydropneumatic Suspension
- Hydrauic Systems
- Obturators
- Rockets & Missiles
- Door Bushings
- Rod Ends and Linkages
- Bushings for Steering Systems

Seal Assemblies

- Cap Seals: Advancap, Ener-Cap®, Glidetec
- Coil Spring Actuated Seals (CSA)
- Lip Seals: Enerlip® & Enerlip® HP
- Metal Spring Energized Seals (MSE®)
- O-Rings
- Rubber Spring Actuated Seals (RSA®)
- Rubber Spring Return Seal (RSR)
- Scrapers/Wipers
- Snubber Rings
- Static Face Seals
- T-Rings & L-Rings: ACT®, AGT®, AGTL, ACGT

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PM-MS-18 2/07

LANCER SYSTEMS

Engineered Seals & Bearings

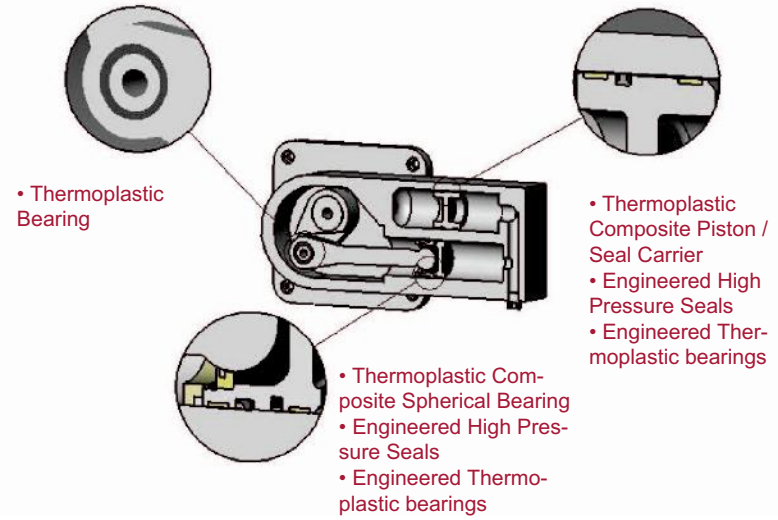
Lancer has become the exclusive supplier of all Greene, Tweed's materials and products in to the defense market. Blending Greene, Tweed's high-performance materials and sealing products with Lancer Systems experienced applications engineering and defense industry knowledge.

Lancer Systems engineers are experts in performance sealing solution development and application. To support our customer's existing applications and future demands we have exclusive access to Greene, Tweed's vast array of seal designs, specialty elastomers and engineered plastics.

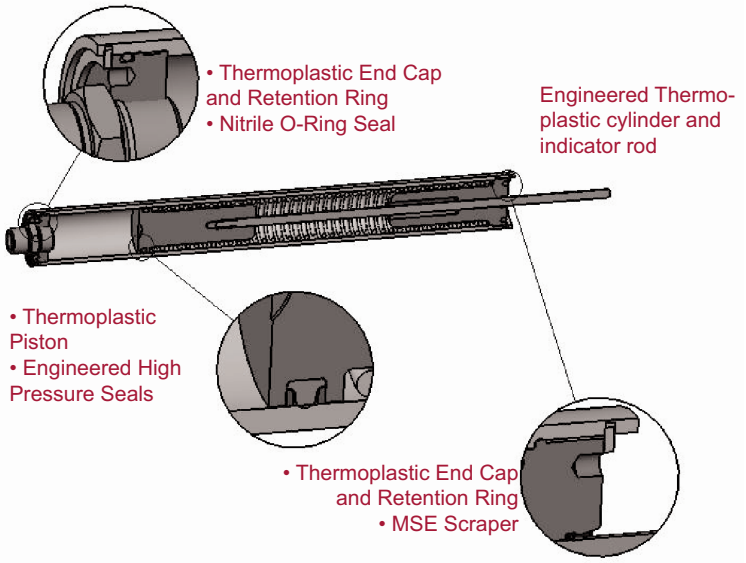
Lancer Value

- Application Assessment
- Material Selection
- Component Design
- Manufacturing Process Development
- Supply Chain Managemant
- Assembly
- Quality

Lancer Solutions - Hydropneumaic Suspension



Lancer Solutions - Lightweight Replenisher



Total Solutions

Our focus is on providing total solutions, components and assemblies. We have the flexibility and capability to procure, manufacture and provide quality on time assemblies for our customers integration.

Supporting Your Mission

Lancer Systems is a world-class team of engineers and manufacturing experts committed to providing engineered lightweight materials and high performance sealing solutions to the Warfighter. We are ready to help the development of the right solutions for upgrades, modifications and new equipment designs.

Statements and recommendations in this publication are based on our experience and knowledge of typical applications for this product and shall not constitute a guarantee or warranty of performance nor a modification or alteration of our standard product warranty which shall be applicable to such products.
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