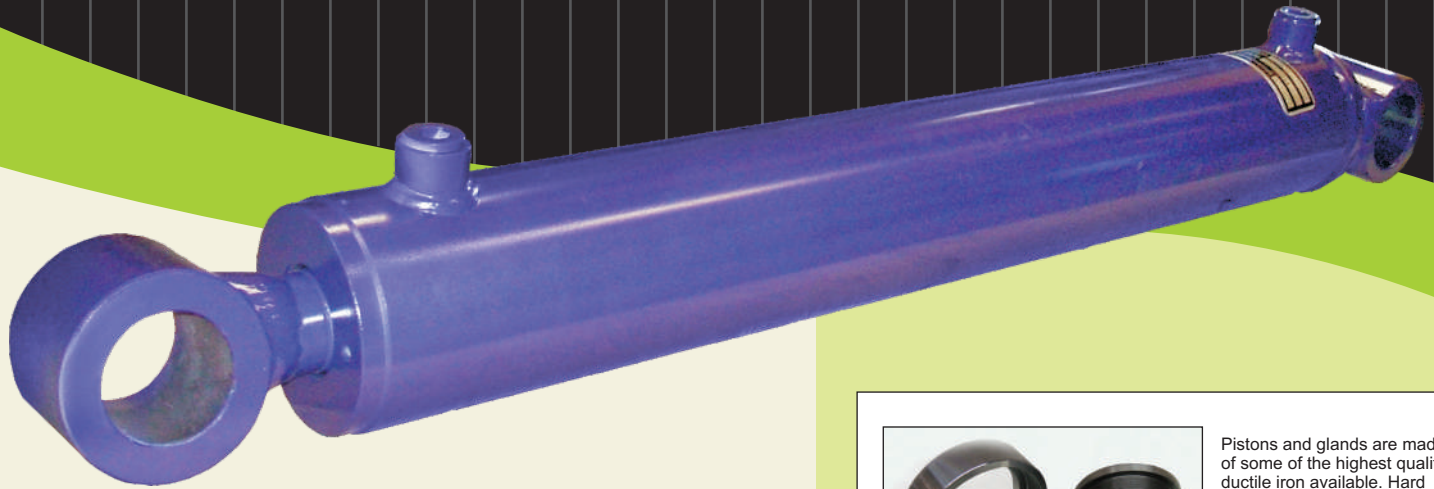




hydraulic cylinders

tough, powerful, dependable



APPLICATIONS

Caption hydraulic cylinders are custom built in a wide range of types and sizes to fit your specific application.

FEATURES

QUALITY COMPONENTS

Only the highest quality components are used. All seals used are rated for or above the cylinders operating pressure, greatly increasing the life of the seals. All processed parts, with exception of some types of mounts, are precision CNC machined.

LONG LIFE

In nearly every application, Caption hydraulic cylinders are equipped with a base plate that is thicker than other manufacturers' for the same application. This reduces stress resulting in a lifetime of leak free operation. Unless otherwise specified, all of our hydraulic cylinders come with a piston wear ring. This prevents any metal to metal contact, also increasing the life of the cylinder.

QUALITY PRODUCT

As with every cylinder we build, all components are thoroughly cleaned and inspected prior to assembly. Subsequently, all welds are 100% tested to ensure there are no leaks. And to top it all off, our hydraulic cylinders are backed by a 2 year warranty* against manufacturer's defects.

*All cylinders above 3000 PSI operating pressure are limited to a 1 year warranty



Pistons and glands are made of some of the highest quality ductile iron available. Hard chrome plated steel is standard material for the rod (shaft). Other materials, such as nitrided (which has excellent dent and corrosion resistance), or induction hardened are available.



With bore sizes available from 1.5" to 16", over 100" of stroke depending on diameter, and up to 5000 PSI operating pressure, we've got your hydraulic cylinder needs covered.



All of our business is focused on the manufacture of custom cylinders, so we place a greater emphasis on engineering than most of our competitors. Additionally, we are equipped with advanced Computer Aided Design (CAD) software tools for drawing, imaging, graphics, and stress analysis. This guarantees each cylinder will meet your needs and specifications precisely.



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