

# PRODUCT OVERVIEW



THE LEADER IN PNEUMATIC CYLINDERS



## Single, Dual, Triple, and quad Piston Cylinders

ACP is proud to offer an extensive line of pneumatic cylinders. Years of experience in cylinder manufacturing, insures that our customers will receive top quality materials and workmanship. The 1 3/4" through 6" bore cylinders provide direct replacements for most weld cylinder applications. Our in house design capability also allows us to develop different mounting styles, rod ends and porting configurations so that our cylinders can be used in a wide variety of applications.

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## Pre-lubricated Cylinders

ACP has developed a pre-lubricated line of pneumatic cylinders. They are a perfect fit in situations where adding in-line lubrication is either not allowed or too difficult. Special lubrication reservoirs are designed into the cylinder, which keep the seals and moving parts lubricated without the need of adding oil to the supply lines. Special long lasting seals and wear bands are employed to provide for a long leak free cylinder life. Finally, heavy-duty rod wipers are used to help keep out water and contaminants in unclean environments. These special features not only allow the cylinder to function without in-line lubrication, but also help make our pre-lube cylinders long lasting, maintenance free, and very rugged.

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## Hydraulic Cylinders

ACP also offers hydraulic cylinders. They are manufactured from the same heavy duty, quality materials as our pneumatic cylinders. And, as always, our reliable support staff is ready to assist you with your application needs.

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## TG Systems Style Cylinders

ACP can provide new replacement TG style pneumatic cylinders. These lightweight and reliable weldgun cylinders have been an industry standard for many years. They are designed and built with quality and durability in mind. If you are looking for replacement TG type cylinders built with genuine TG systems parts, or an extremely lightweight durable pre-lubricated cylinder, look no further than ACP. Call or e-mail our friendly, knowledgeable staff for price and delivery.

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## Pneumatic Powered Slide Actuators

ACP has developed a line of pneumatic powered slide type actuators. Originally manufactured for use on ultrasonic plastic welding machines, these compact and lightweight actuators have a carriage that can be configured for mounting a wide range of tooling. These slide actuators are internally permanently lubricated, and are fully repairable with a simple tie rod construction. The actuators are constructed of aluminum and stainless steel, and have a magnet on the piston for position sensing.

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## Air/Oil Intensifier Cylinders

ACP air/oil intensifier cylinders are designed to perform a variety of operations including resistance welding, piercing, crimping, and bending. These cylinders achieve high force outputs from low pressure shop air. Multiple mounts, bore and stroke sizes are available.

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