



AIR CYLINDERS FEATURED PRODUCT



An Expert Guide To The Top Air Cylinder Brands and Popular Air Cylinder Types

Air cylinders are offered in a variety of industry standards. Within these standards, air cylinders come in various shapes, sizes, and types. Numerous optional features are also available. At first glance, the number of options can be a bit overwhelming. Let's focus on a few of the most popular types of cylinders.

- Compact Air Cylinders
- NFPA Interchangeable Air Cylinders
- Round Body Air Cylinders
- A Custom Air Cylinder Solution

Compact Air Cylinders Play a Big Role in Automation's Tightest Spaces

Real estate on production equipment is at a premium today more than ever. "Less is more" seems to be the trend in the pneumatic actuator market. Also known as short-stroke cylinders, these cylinders typically range from $\frac{1}{2}$ " to 4" bores sizes, and strokes range between a $\frac{1}{16}$ " to 4". These cylinders are designed to perform in tight spaces.

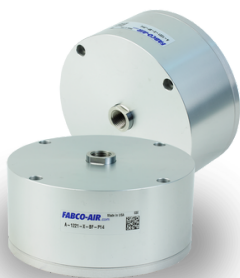
Air Cylinder Expertise

Air cylinders are selected according to their ability to perform a specific function. Pneumatic cylinders are still workhorses for most automation applications. Centro is an Authorized Distributor for some of the most respected brands in the industry – AVENTICS (formerly Bosch Rexroth Pneumatics), Numatics, Compact Automation, Milwaukee Cylinder, and AIGNEP.



Custom Air Cylinder Solutions

Sometimes, the task falls outside of standard product offerings, and only a custom product will suffice. The Centro team has decades of air cylinder experience, and we specialize in assisting in developing the specific product solution for your application challenges. The Centro team will effortlessly transition to a custom cylinder solution if you can't find the ideal cylinder among Centro's standard offerings.



The Original Pancake® and the Pancake® II from Fabco-Air



The Inch Square Series from Compact Automation



The Universal Series from Numatics



AIR CYLINDERS FEATURED PRODUCT



NFPA Interchangeable Air Cylinders

NFPA Cylinders have common features designed based on standards created by the National Fluid Power Association (NFPA). These standards allow end-users to interchange cylinders between one manufacturer and another. Standard features include port sizes and locations, mounting styles, and mounting dimensions. Typical NFPA bore sizes range between 1-1/2" to 14". Centro partners with the highest quality NFPA cylinder manufacturers in the industry.



*The A Series Robust Aluminum NFPA
Interchangeable from Numatics*



*The Series TM5 TaskMaster™ OEM NFPA
Interchangeable from AVENTICS*



*The FCQN Series OEM NFPA
Interchangeable from Fabco-Air*

Round Body Air Cylinders

Round Body Air Cylinders are also known as Throw-Away, Non-Repairable, and Stainless Body. They are one of the most popular air cylinder types in the U.S. These popular interchangeable cylinders are available in many mounting configurations and are offered with lots of standard options, i.e., magnetic piston for position sensing, rod and thread extensions, etc. Typical bore sizes range between 5/16" to 3". Centro partners with several of the most respected brands in the industry.



*The M Series from
Numatics*



*The H Series from
Fabco-Air*



*The RL Series from
Compact Automation*



Our mission is to be regarded by our customers and community as the best supplies of automation and control product solutions to Industry

CORPORATE OFFICE AND DISTRIBUTION CENTER

3315 Overton Crossing
Memphis, TN 38127
P: 901-357-1261 | F: 901-257-1379

CENTRO BRANCHES

320 Nancy Lynn Lane, Suite 7
Knoxville, TN 37919
P: 865-588-7473 | F: 865-588-8861

6800 Bert Kouns Industrial Loop
Shreveport, LA 71129
P: 318-221-2347 | F: 218-227-1927

321 Hill Avenue
Nashville, TN 37210
P: 615-255-2220 | F: 615-255-2212

3794 Abigail Drive
Theodore, AL 36582
P: 251-626-0100 | F: 251-626-0310

Advanced Industry Support
6400 Shelby View Drive, Suite 100
Memphis, TN 38134
901-383-9744 | F: 901-383-8369

7600 Hardin Drive
Little Rock, AR 72117
P: 501-835-2193 | F: 501-835-2277

102 Ashley Lane
El Dorado, AR 71730
P: 870-881-8383

2423 1st Avenue South
Irondale, AL 35210
P: 205-703-9810 | F: 205-703-9811