Your complete source for pneumatic products

**Over 50 Years**

**Advancing Pneumatics Technology**

- Interchangeable Stainless Steel Body Cylinders
  - 12 Bores 5/16” to 3”
  - Strokes to 32”

- Interchangeable Metric Cylinders
  - 10 bores 12-100mm.
  - Strokes 5-150mm

- Wide Opening Grippers

- Multi-Power® Air Presses

- Linear Slides

- Modular Air Preparation Systems

- Mechanical Valves

- Swing Clamps

- Stopper Cylinders

- Table Slides

- Finger Slides

- Solenoid Valves

- Air Pilot Valves

- Rotating Actuators

- Pancake®II

- The Original Pancake®

- Square Pancake®II

Popular Short Stroke Air Cylinders are Directly Interchangeable
- 8 Bores 1/2” to 4”
- Strokes 1/16” to 4”

Visit us at www.fabco-air.com

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Your source for off-the-shelf pneumatic products

Cylinders, Valves and Accessories Catalog #CV9
Pancake® II Air Cylinders Catalog #Pan2-2
Square Pancake® II Air Cylinders Catalog #SqPan2
ISO 6431 Cylinders Catalog #FAQR-09
Twin Rod, Non-Rotating Air Cylinders - Catalogs #FD-09 & #FDXS-09
High Closing Force Angular Grippers Catalog #FKHC-10

Multi-Power® Air Presses Catalog #FP16
Swing Clamps Catalog #SC-B04
Linear Slides - 6 Families Catalog #LS-03
Compact Finger Slides Catalog #DH-10
ISO 6432 Cylinders Catalog #FA-E-09
Stopper Cylinders Catalog #FS-SC

NFPA Air Cylinders Catalog #N-06
Global Series™ Air Cylinders Catalog #GC-15
Air Pilot and Solenoid Valves Catalog #FVA-E-09
Air Table Slides Catalog #FGXS-10
Wide & Narrow Parallel Grippers - Catalogs #FKHZ-10 & #FKHQ-10
Stopper Cylinders Catalog #FS-3C

NFPA Interchangeable Air Cylinders Catalog #NF-06
Global Series™ Metric Air Cylinders Catalog #GC-15
Air Pilot and Solenoid Valves Catalog #FVA-E-09
Air Table Slides Catalog #FGXS-10
Wide & Narrow Parallel Grippers - Catalogs #FKHZ-10 & #FKHQ-10
Stopper Cylinders Catalog #FS-3C

Modular Air Preparation System - FRLs Catalog #FRL-06
Guided Motion Air Cylinders Catalog #FGM-10
Pneumatic Rotary Actuators Catalog #FRA-C-09
Stainless Steel Body Air Cylinders Catalog #SSB-03
Pneumatic & Hydraulic Swing Clamps Catalog #FMLH
Wide Opening Parallel Grippers Catalog #FKHL-10

Original Pancake® Air Cylinders Catalog #CV9
Pneumatic Crimping Tools Catalog #FC-JY07
Magnetically Coupled Rodless Air Cylinders Catalog #FGYBR-11
Magnetically Coupled Rodless Slides Catalog #FGYS-11
Angular Grippers Catalog #FA-A-09
3 Series of Angular & Parallel Motion Grippers Catalog #GR6

Find the products you need in the Fabco-Air standard catalog library

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Phone 352-373-3578 Fax 352-375-8024
Your source for custom pneumatic solutions

Over 50% of the products we manufacture are special items designed to customer specifications.

Dial-A-Stroke® MULTI-POWER® Linear Slide
Cylinder specifications: 4" bore x 5" stroke, Magnetic Piston, Hydraulic Shock and Speed Control.
Fabco-Air adapted a MULTI-POWER® air cylinder and a linear slide for high force and precision guiding in an automotive application. Capable of supplying 4,720 lbs. of force at 100 PSI, the unit has a custom mounting/bearing block with eight pre-loaded, sealed linear ball bearings supporting four hardened, precision guide shafts and a steel tool mounting plate.

Double Acting Mold Lock Cylinder for Plastic Molding Application
This cylinder actually pulls the stick-down to the cooling platform with positive pressure rather than with a spring to give uniform cooling on overmold.

Dial-A-Stroke® Parallel Gripper for Packaging Application
This unique gripper allows jaw size to be adjusted on a per-job basis, eliminating the need for special jaw attachments.

Round Hole-Through Cylinder for Synchronized Pick-up
Customer was trying to lift a product using 3 individual air cylinders with unacceptable results. Fabco-Air designed this "ring" cylinder that incorporates three piston rods with a single piston for smooth, non-binding actuation. Problem solved!

Dial-A-Stroke® MULTI-POWER® Air Cylinder with Built In Quick Exhaust Dump Valve
Unique dovetail mount enables the customer to easily change centers on a resistance welding application.

8" Bore Cylinder with Rod Lock
The robust rod lock on this cylinder provides a failsafe for vertical loads, preventing injury in case of loss of pressure.

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Phone 352-373-3578 Fax 352-375-8024
Fabco-Air – pioneering in the early years of industrial pneumatics

The original Pancake® Air Cylinder

In 1958 Fabco-Air began its business by making a tiny air cylinder to fit and work in cramped spaces where no other cylinder could. We named it the Pancake®. It worked so well that people began asking for it with bigger bores, longer strokes, more options. Today, it has evolved into a major air cylinder line with 8 bore sizes 1/2” to 4” and strokes to 4”.

But the Pancake® is only one of thousands of stories. In fact early pneumatic history is filled with FABCO innovations. Our Multi-Power® cylinders delivered hydraulic forces with mere shop air pressure. Our specialty control valves served as the main logic elements in functional pneumatic circuitry. Our mechanical valves, air pilot and solenoid-operated valves were there to deliver the power.

Now, as you can see in this brochure, the innovation continues. We look forward to being of service to you as your needs for pneumatic products or technical information arise. Call us. Let us help.

Multi-Power® Air Cylinders

Fabco-Air attaches multiple pistons to a common shaft and provides internal air passages through the shaft to all pistons. Thus, when shop air pressure is applied to the extend port, all pistons are pressurized simultaneously enabling tremendous thrust forces to be obtained.

Multi-Power® cylinders are available in 4 series with bore sizes from 1/2” through 12” and strokes from 1/8” through 12”. As an eye-opening example, thrust forces can reach over 26,000 pounds with a 12” bore 4-stage model using only 60 psi shop air pressure!