

CHANGE TOOLS IN JUST 3 EASY STEPS

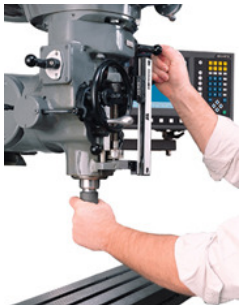
Step 1

Insert tool holder into spindle with
Locked Quill



Step 2

Activate the Air Lever



Step 3

Release the Air Lever Handle and
Quill Lock



Starter Package & Air Cylinder Kit

\$1,545.00

- 1 Drawbar Assembly
- 3 Endmill Holders — 1/4", 1/2", 3/8"
- 1 J33 Jacobs Chuck Adapter
- 3 Collet Closers
- 1 Spanner wrench
- 1 Collet Tightening Fixture
- 1 Actuator Cap Assembly
- 1 Facing Fixture w/10 Pull Studs
- 1 Air Cylinder Assembly
- 1 Activation Switch
- 1 Spindle Interlock Valve 220V
- 4 Quick Disconnect Fittings
- 1 Quill Lock Lever
- 3 Feet of Tubing

Air Cylinder Kit

For Existing Mach-1 Users

\$595.00

- 1 Air Cylinder Assembly
- 1 Activation Switch & Bracket
- 1 Spindle Interlock Valve 220V
- 4 Quick Disconnect Fittings
- 1 Quill Lock Lever
- 3 Feet of Tubing

Hoffmann Tool & Die

50 Souderton Hatfield Pike

Souderton, PA 19468

Fax: 215.723.2130

<www.HoffmannTool.com>

sales@hoffmanntool.com

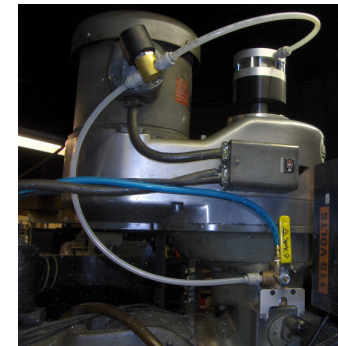


Hoffmann Tool & Die

In cooperation with Mach-1



Air Cylinder Activated



Starter Package & Air Cylinder Kit

\$1,545.00

Air Cylinder Upgrade Kit

For Existing Mach-1 Users

\$595.00

HoffmannTool.com





Simply replace your drawbar with the Mach-1 drawbar to upgrade your mill to the speed of Mach-1 Tooling



Mach-1 Collets use our patented pull stud design for greater speed and ease of insertion into the spindle.

Precision Quick Change Tooling Systems for R8 Knee Mills & Bed Mills

Upgrade your milling machine today with the most efficient tool change system in the industry.

Mach-1 Systems is a manufacturer of precision quick change tooling systems.

The MACH-1 Quick Change Tooling System is a reliable & cost-effective precision tool change system designed to improve efficiency and productivity for every milling project.

The Mach-1 System is a simple, mechanical tool change system manufactured with precision, high quality components.

Mach 1 with Air Cylinder System Benefits

- Installs on new or existing milling machines
- Change tools in seconds
- Uses your existing tooling
- Maintains tool length offsets between collet changes
- Provides increased accuracy and repeatability
- Handles light and heavy milling operations
- Ergonomic design reduces operator fatigue
- Maintenance-free system
- Full-size R8 tool holders that accept double-ended tools
- Includes five year warranty
- 90% Less Air Than Other systems
- 50% Faster Than Other Air Systems
- Quieter & Cleaner Than Other Air Systems
- Spindle Interlock Valve that prevents the Cylinder from activating when spindle is powered



Drive Collar Tooling

Drive Collar Tooling is the product line that allows us to do more with R8 Tooling than another other system.

This exceptionally rigid tooling solves the age old problem of pull down that occurs with side milling on large diameter roughing mills. Drive Collar Technology is another patented innovation that was developed to advance Mach-1 Tooling. After installing our larger End Mill Holders & Shell Mill Holders into the spindle, the collar is tightened around the spindle nose with a hex key or Allen wrench to create the most rigid R8 tooling in the industry.



Startup Package



The Mach-1 Collet Closer's patented design allows for rigid, fixed tooling with all standard R8 collets