

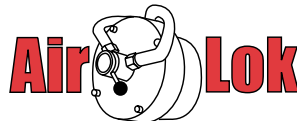
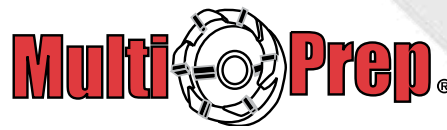
.875" I.D. to 4.000" O.D. (22.2 to 101.6 mm)

Reliable Performance

This design, proven over years of job-site use, delivers an extraordinary level of versatility for a wide variety of applications. Choose between two reliable pneumatic motors or electric power. The MB55 is geared for heavy wall and hard alloy materials as well as removing stubs from headers. The MB110 delivers higher speed to turn specialty carbide insert cutters like our patented Multi-Prep®. With Multi-Prep®, you can clean the tube O.D., cut clad and overlay materials from fully covered tubes or from a single side, remove membranes from waterwall panels and O.D. bevel in a single pass. Both MB's are available with wrench feed for working in tight places or the convenient side mounted crank feed. The AirLock option can also be added. This time-saving product locks and unlocks the tool instantly with the flip of a valve to dramatically cut large volume job times.



- **MB55 Slower Speed, Higher Torque**
- **MB110 Is Ideal For Specialty Applications Such As The Patented Multi-Prep®.**
- **Weighs Just 16.0 lbs. (7.3 kg)**
- **Torque-Free Operation**
- **Wrench Feed Or Crank Feed Available**
- * **Rental or Purchase**



Specifications*

Working Range.....	.875" (22.2 mm) I.D. to 4.000" (101.6 mm) O.D.
Pneumatic Motor	1.625 H.P. (1.2 kW)
Recommended Air Pressure	90 PSI (6.1 Bar)
Recommended Volume.....	38 CFM (1.1 m ³ /min.)
Speed, MB55.....	55 RPM
Speed, MB110.....	110 RPM
Electric Motor	1.500 H.P. (1.1 kW), 120/230 V, 10.0A
Speed	97-176 RPM
Minimum Working Clearance.....	3.000" (76.2 mm) X 15.000" (381.0 mm)
Weight, Pneumatic	16.0 lbs. (7.3 kg)
Length, Pneumatic.....	16.000" (406.4 mm)
Weight, Electric.....	20.0 lbs. (9.1 kg)
Length, Electric.....	18.000" (457.2 mm)

* Specifications are subject to change without notice.



Collet Sets

I.D. Range

Collet Size	Inches	MM	Rod/ Shaft
.875	.875 - 1.000	22.2 - 25.4	7°
1.000	1.000 - 1.125	25.4 - 28.6	7°
1.125	1.125 - 1.250	28.6 - 31.8	7°
1.250	1.250 - 1.375	31.8 - 34.9	10°
1.375	1.375 - 1.500	34.9 - 38.1	10°
1.500	1.500 - 1.625	38.1 - 41.3	10°
1.625	1.625 - 1.750	41.3 - 44.5	10°
1.750	1.750 - 1.875	44.5 - 47.6	10°
1.875	1.875 - 2.000	47.6 - 50.8	10°
2.000	2.000 - 2.125	50.8 - 54.0	10°
2.125	2.125 - 2.250	54.0 - 57.2	10°
2.250	2.250 - 2.375	57.2 - 60.3	10°
2.375	2.375 - 2.500	60.3 - 63.5	10°
2.500	2.500 - 2.625	63.5 - 66.7	10°
2.625	2.625 - 2.750	66.7 - 69.9	10°
2.750	2.750 - 2.875	69.9 - 73.0	10°
2.875	2.875 - 3.000	73.0 - 76.2	10°
3.000	3.000 - 3.125	76.2 - 79.4	10°
3.125	3.125 - 3.250	79.4 - 82.6	10°
3.250	3.250 - 3.375	82.6 - 85.7	10°
3.375	3.375 - 3.500	85.7 - 88.9	10°
3.500	3.500 - 3.625	88.9 - 92.1	10°
3.625	3.625 - 3.750	92.1 - 95.3	10°
3.750	3.750 - 3.875	95.3 - 98.4	10°
3.875	3.875 - 4.000	98.4 - 101.6	10°



Wedge Sets

I.D. Range

Wedge Sets	Inches	MM	Rod/Shaft Size
.875	.875 - 1.000	22.2 - 25.4	.875 Cone
1.000	1.000 - 1.250	25.4 - 31.8	.875 Cone
1.250	1.250 - 1.625	31.8 - 41.2	1.250 Cone
1.625	1.625 - 2.000	41.2 - 50.8	1.250 Cone
2.000	2.000 - 2.375	50.8 - 60.3	1.250 Cone
2.375	2.375 - 2.750	60.3 - 69.9	1.250 Cone
2.750	2.750 - 3.125	69.9 - 79.4	1.250 Cone
3.125	3.125 - 3.500	79.4 - 88.9	1.250 Cone
3.500	3.500 - 3.875	88.9 - 98.4	1.250 Cone
3.875	3.875 - 4.000	98.4 - 101.6	1.250 Cone

Internal locking

There are two internal locking systems for torque-free operation, enhancing operator safety and productivity.



37.5°, 30.0° O.D. Bevel

Fixed Tool Holder

3.000" (76.2 mm) Tool Holder

.875" (22.2 mm) I.D. to 2.625" (66.7 mm) O.D.

4.000" (101.6 mm) Tool Holder

.875" (22.2 mm) I.D. to 3.250" (82.5 mm) O.D.

3.000" (76.2 mm) Tool Holder

1.750" (44.5 mm) I.D. to 3.375" (85.7 mm) O.D.

4.000" (101.6 mm) Tool Holder

1.750" (44.5 mm) I.D. to 4.000" (101.6 mm) O.D.

Sliding Tool Holder

3.000" (76.2 mm) Tool Holder

.875" (22.2 mm) I.D. to 3.000" (76.2 mm) O.D.

4.000" (101.6 mm) Tool Holder

.875" (22.2 mm) I.D. to 4.000" (101.6 mm) O.D.

Tooling

The tooling illustrated covers the standard machining applications. Custom tooling made from high quality tool steel, carbide and titanium nitride coated materials is also available.

Tool holders are available in fixed and sliding designs. Each tool holder will accept multiple cutters allowing you to perform several operations at the same time.



90.0° Facing/Shortening

Fixed Tool Holder

3.000" (76.2 mm) Tool Holder

.875" (22.2 mm) I.D. to 2.625" (66.7 mm) O.D.

4.000" (101.6 mm) Tool Holder

.875" (22.2 mm) I.D. to 3.250" (82.5 mm) O.D.

3.000" (76.2 mm) Tool Holder

1.750" (44.5 mm) I.D. to 3.375" (85.7 mm) O.D.

4.000" (101.6 mm) Tool Holder

1.750" (44.5 mm) I.D. to 4.000" (101.6 mm) O.D.

Sliding Tool Holder

3.000" (76.2 mm) Tool Holder

.875" (22.2 mm) I.D. to 3.000" (76 mm) O.D.

4.000" (101.6 mm) Tool Holder

.875" (22.2 mm) I.D. to 4.000" (101.6 mm) O.D.

Multi-Prep® is protected under one or more of the following patents:
 #6,955,507 #5,542,177 #7,143,673
 #7,140,816 #7,313,992