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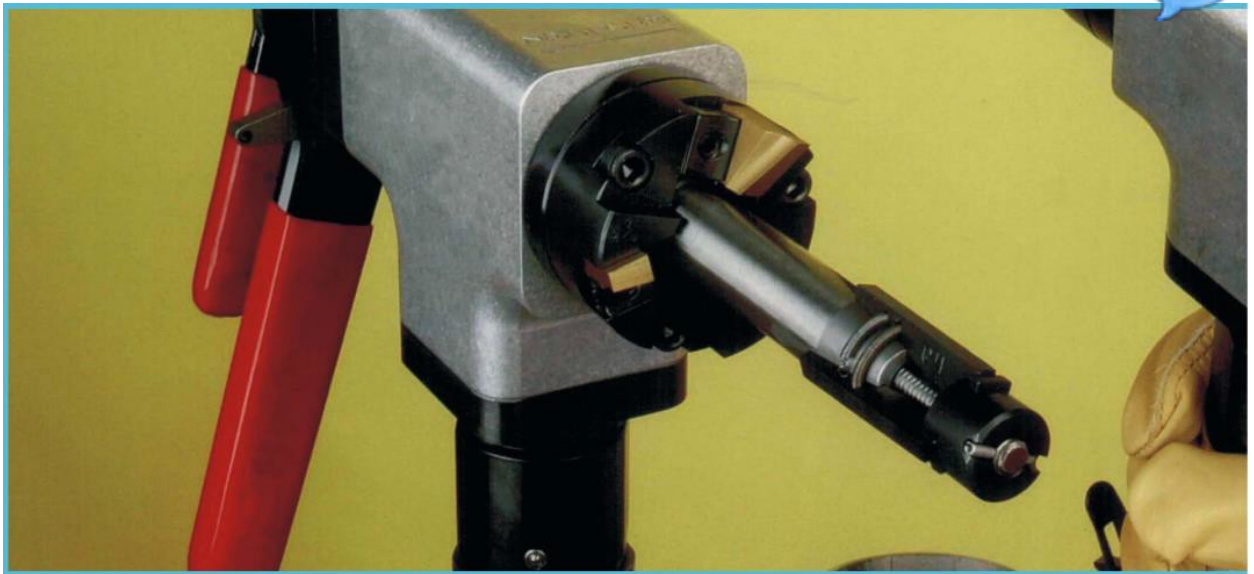
Mactech Mongoose EPL

**Right Angle ID Clamping End Prep Tool
5/8" (15.9mm) ID to 3" (76.2mm) OD**



Rugged, Fast, and Field-Proven

The Mactech Mongoose EPL is a lightweight, small diameter, end prep tool for beveling tubes from 5/8" ID to 3" OD. Featuring a patented push-pull clamp and release mechanism and permanently attached wrenches, it allows the clamps to release from a tube as easily as they tighten. Ideal for performing bevel facing and boring on a wide range of tube and pipe alloys, the Mactech Mongoose EPL has dual opposed tapered roller bearings and employs a rigid blade locking system to provide chatter-free performance and produce a thick chip without cutting fluids.



- Bevels, faces and bores stainless steel and other highly alloyed tubing
- Patented, self-centering, push-pull clamp and release mechanism has permanently attached wrenches
- Only 2-1/4" wide
- Rugged with torque-free operation
- Produces a thick chip without cutting oils
- Easy-to-change mandrels



In Action

An optional air-clamp cylinder decreases the cycle time between end preps by up to 400% and is ideal for fabricating shops

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Mactech Mongoose EPL Clamp Rib Selector

Item	Description	ID Range(in.)	ID Range (mm)	Mandrel Size
G-2	Clamp rib set	.625 – .780	15.9 – 19.8	5/8" (15.9 mm)
G-3	Clamp rib set	.750 – .905	19.1 – 22.9	3/4" (19.1 mm)
G-4	Clamp rib set	.875 – 1.030	22.3 – 26.1	3/4" (19.1 mm)
G-5	Clamp rib set	1.00 – 1.155	25.4 – 29.3	3/4" (19.1 mm)
G-6	Clamp rib set	1.125 – 1.280	28.6 – 32.5	3/4" (19.1 mm)
G-07	Clamp rib set	1.250 – 1.405	31.8 – 35.6	3/4" (19.1 mm)
G-08	Clamp rib set	1.375 – 1.530	35.0 – 38.8	3/4" (19.1 mm)
G-09	Clamp rib set	1.500 – 1.655	38.1 – 42.0	3/4" (19.1 mm)
G-10	Clamp rib set	1.625 – 1.780	41.3 – 45.2	3/4" (19.1 mm)
G-11	Clamp rib set	1.750 – 1.905	44.5 – 48.3	3/4" (19.1 mm)
G-12	Clamp rib set	1.875 – 2.030	47.7 – 51.5	3/4" (19.1 mm)
G-13	Clamp rib set	2.000 – 2.155	51.0 – 54.7	3/4" (19.1 mm)
H-01	Clamp rib set	1.250 – 1.600	31.8 – 40.6	3/4" & 1.25" wedge
H-02	Clamp rib set	1.525 – 1.925	38.8 – 48.9	3/4" & 1.25" wedge
H-04	Clamp rib set	2.175 – 2.575	55.3 – 65.4	3/4" & 1.25" wedge

Specifications*

Working Range .	625" (15.9 mm) ID to 3" (76.2 mm) OD
Motor, pneumatic	2/3 hp (.497 kw)
Air Pressure	90 psi (6.2 bar)
Air Volume	25 cfm (708 lt/min.)
Speed	200 RPM
Minimum Clearance	2-1/4" (57.2 mm)
Head Length	15" (381 mm)
Working Weight	13 lbs (5.9 kg)
Shipping Weight	30 lbs (14 kg)

Shipping Dimensions 20" x 18" x 5" (508 mm x 457 mm x 127 mm)

*Manufacturer reserves the right to change specifications without notice.

Ordering Information

MG-100 - Mactech Mongoose EPL Kit, Backup

Kit Includes:

Motor & gear drive - Feed mechanism - Carrying Case –
Operating & maintenance instructions

MG-200 - Mactech Mongoose EPL kit, Basic

Kit Includes:

Motor & gear drive -Feed mechanism -(1) Mandrel (3/4" or 5/8") -
Drawrod assembly - Cutterhead (1) State size 2- 1/4", 2-1/2", or 3" -
Clamp rib set (1) (specify G3-G13) - 1/2" – Hose w/filter, oiler and 3/8"
coupler - Carrying Case - Operating & maintenance instructions

MG-300 - Mactech Mongoose EPL kit, Deluxe

Kit Includes:

Motor & gear drive - Feed mechanism - (1) Mandrel (3/4" or 5/8") -
Drawrod assembly - Cutterhead (1) specify 2-1/4", 2-1/2", or 3" -
Clamp rib sets (include G3-G13) - 1/2" Hose w/filter, oiler & 3/8"
coupler - Carrying Case - Operating & maintenance instructions

MG-400 - Wedge Kit for Mactech Mongoose EPL 1.250" ID to 2.900" ID

Kit includes:

Actuator - Roll pin - Wedge - Screw - Torque key - Clamp rib set
1.250" – 1.600" - Clamp rib set 1.525" – 1.925" - Clamp rib set 1.850"
– 2.250" - Clamp rib set 2.175" – 2.575" - Clamp pad set 2.500" –
2.900" (with H-02)

MG-175 - Mandrel kit, .625" ID to .780" ID

Kit Includes:

Spares

Part No.

MG-01	Spare Actuator, 3/4"
MG-01A	
G-02	Actuator, 5/8"
G-03-13	Clamp rib set, G-2 .625" – .780"
MG-14	Clamprib set, G3 – G13 G-15A
MG-15	Clamp rib band for G3
MG-15A	Clamp rib band for G2
MG-15B	
MG-16	
MG-28	
MG-28A	

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