



# MactechEuropeLtd



## The Tube Weasel

Right Angle ID Clamping End Prep Tool  
3/4" (19.1mm) ID to 3" (76.2mm) OD

### Provides Superior Value and Performance

The Mactech Tube Weasel EPL is a lean, extremely durable tool that performs end preps on all boiler tube alloys quickly and efficiently. Featuring a right angle gear head drive system which incorporates dual opposed tapered roller bearings, this compact tool provides a big bite with a small appetite because it requires only (25 cfm), 708 lt./min of air to pull a heavy continuous chip.



#### Key Features

- Right angle tool rigidly mounts to tube ID
- Sealed construction allow use in any orientation
- Fits a "Dutchman" and handles hard alloys
- Clamping system is self-centring and easy to use  
Blade lock system securely holds cutting blades
- Chatter-free end preps produce thick continuous chip
- Torque-free operation with TiN coated cutting bits
- Requires only (25 cfm), 708 lt./min air flow
- Gear head design has performed millions of end preps
- Field proven and simple to operate and maintain



#### In Action

The 'Tube Weasel' fits a Dutchman window for single tube end prep work and totally sealed construction allows it to be used in any orientation. Most importantly, the holding clamps are designed to stay on the mandrel and not fall down the tubes.

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## Mactech 'Tube Weasel' EPL Clamp Rib Selector

Item	Description	ID Range (in.)	ID Range (mm)	Mandrel Size
G-03	Clamp rib set.	.750 – .905	19.1 – 22.9	3/4" (19.1 mm)
G-04	Clamp rib set	.875 – 1.030	22.3 – 26.1	3/4" (19.1 mm)
G-05	Clamp rib set	1.00 – 1.155	25.4 – 29.3	3/4" (19.1 mm)
G-06	Clamp rib set	1.125 – 1.280	28.6 – 32.5	3/4" (19.1 mm)
H-00	Clamp rib set	1.000 – 1.300	25.4 – 33.0	1" (25.5 mm)
H-01	Clamp rib set	1.250 – 1.600	31.8 – 40.6	1-1/4" (31.8 mm)
H-02	Clamp rib set	1.525 – 1.925	38.8 – 48.9	1-1/4" (31.8 mm)
H-03	Clamp rib set	1.850 – 2.250	47.0 – 57.2	1-1/4" (31.8 mm)
H-04	Clamp rib set	2.175 – 2.575	55.2 – 65.4	1-1/4" (31.8 mm)
H-02 & H-05	Clamp rib & pad set	2.500 – 2.900	63.5 – 73.7	1-1/4" (31.8 mm)

### Specifications\*

Working Range	3/4" (19.1 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	3" (76.2 mm)
Head Length	14-1/2" (368.3 mm)
Working Weight	18 lbs (8.2 kg)
Shipping Weight	40 lbs (19 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

#### TW200 - Mactech Tube Weasel EPL tool kit for 1-1/4" ID to 3" OD

##### Kit Includes:

- Motor and gear drive
- Feed mechanism
- Clamp rib and pad sets (H-01–H-05)
- Cutterhead, 3"
- Draw rod & wrench assembly
- Carrying case
- Allen wrench set
- Operating instructions

#### TW-2 40 - Mandrel kit, 3/4"

##### Kit Includes:

- Mandrel, 3/4"
- Drawrod assembly
- Cutterhead, for 3/4" mandrel
- Clamp rib set (.750" ID – .905")
- Clamp rib set (.875"–1.030")
- Clamp rib set (1.000"–1.155")
- Clamp rib set (1.125"–1.280")

#### Part No. Spares for clamp ribs

- G-14 Spring for G-04 through G-13 ribs
- G-14C Band for G3 clamp ribs
- G-14D Band for G1 & G2 clamp ribs
- G-15 Actuator roll pin .625" & .750"
- G-15A Actuator roll pin .500"
- G16 Actuator for .625" ID
- G-17 Actuator for .750" ID & up
- G-17A Actuator for .500" ID
- H-11 Actuator roll pin
- H-12 Actuator 1.250" ID and larger
- H-14B Spring for H1–H4 ribs

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