



Mactech Europe LTD



The Wart EPL

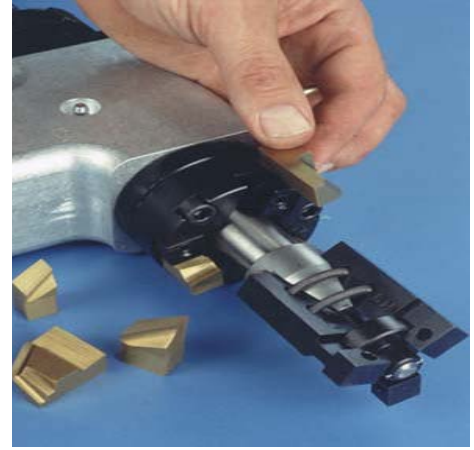
Right Angle ID Clamping End PrepTool .75" (19.1mm) ID to 4.5" (114.3mm) OD

Engineered for High Volume Use

The Mactech Wart EPL is a right angle ID clamping end prep tool that features an efficient, low-maintenance design incorporating dual opposed tapered roller bearings. This makes the 'Wart' rigid, stable and extremely durable. Built for boiler makers, there are no bushings to wear out and the sealed mandrel prevents debris from getting inside the tool, allowing it to be used in any orientation

Interchangeable Clamp and Rib Pads

Simple to operate, the MactechWart EPL uses one mandrel for the vast majority of jobs (see clamp rib and clamp pad selector chart). All you have to do is measure the tube ID, select the correct ribs and/or pads and install them on the mandrel. Because they self-align, that's all there is to it. Now insert the mandrel into the tube ID, expand the clamp ribs and/or pads and perform your end preps in seconds.



Key Features

- A heavy duty ratchet wrench and knurled knob allows easy clamping and is perfect for limited access areas
- Mounts rigidly to produce a clean, continuous chip
- Requires no cutting lubricant
- Simultaneously bevels, faces, and bores
- Lightweight and requires no special training
- Efficient chatter-free cutter blade locking design
- Torque-free operation prevents operator fatigue



In Action

Ideal for limited access areas, the Mactech Wart EPL requires a minimum width of 2-5/8" clearance to fit between tubes and easily clamps into place with the Curled Knob and Heavy Duty Ratchet.

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Mactech Wart 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" (19.1mm)
G-04	Clamp rib set	.875 – 1.030	22.2 – 26.1	3/4" (19.1mm)
G-05	Clamp rib set	1.00 – 1.155	25.4 – 29.3	3/4" (19.1mm)
G-06	Clamp rib set	1.125 – 1.280	28.6 – 32.5	3/4" (19.1mm)
H-00	Clamp rib set	1.000 – 1.300	25.4 – 33.0	1" (25.5mm)
H-01	Clamp rib set	1.250 – 1.600	31.8 – 40.6	1-1/4" (31.8mm)
H-02	Clamp rib set	1.525 – 1.925	38.8 – 48.9	1-1/4" (31.8mm)
H-03	Clamp rib set	1.850 – 2.250	47.0 – 57.2	1-1/4" (31.8mm)
H-04	Clamp rib set	2.175 – 2.575	55.3 – 65.4	1-1/4" (31.8mm)
H-02&H-05	Clamp rib&pad set	2.500 – 2.900	63.5 – 73.7	1-1/4" (31.8mm)
H-03&H-05	Clamp rib&pad set	2.825 – 3.225	71.8 – 81.9	1-1/4" (31.8mm)
H-04&H-05	Clamp rib&pad set	3.150 – 3.550	80.0 – 90.2	1-1/4" (31.8mm)
H-02&H-08	Clamp rib&pad set	3.475 – 3.875	88.3 – 98.4	1-1/4" (31.8mm)
H-03&H-08	Clamp rib&pad set	3.800 – 4.200	96.6 – 106.6	1-1/4" (31.8mm)
H-04&H-08	Clamp rib&pad set	4.125 – 4.525	104.8 – 114.9	1-1/4" (31.8mm)
H-02 & H-05	Clamp rib set & pad set	2.500 – 2.900	63.5 – 73.7	3/4" & 1.25" wedge

Specifications*

Working Range	3/4" (19.1 mm) ID to 4-1/2" (114.3 mm) OD
Motor, pneumatic/electric	1-1/4 hp (.932 kw)
Power Requirements	120 volt 12 amp 60 cycle or 220 volt 6.5 amp 50 cycle
Air Pressure	90 psi (6.2 bar)
Air Volume	40 cfm (1133 lt/min.)
Speed	180 RPM (electric speed variable up to 180 RPM)
Minimum Clearance	2-5/8" (66.68 mm)
Head Length	14-1/2" (368.3 mm)
Working Weight	19 lbs (8.7 kg)
Shipping Weight Basic:	55 lbs. (25 kg) Deluxe 63 lbs (28.6 kg)
Shipping Dimensions	24" x 20" x 7" (610 mm x 508 mm x 178 mm)

*Manufacturer reserves the right to change specifications without notice.

Ordering Information

H-200/H-200E 'Wart'/Electric 'Wart' EPL basic kit for 1-1/4" ID to 4-1/2" OD:

Kit Includes:

Pneumatic motor & gear drive
 Electric motor and speed reduction gear drive or Feed mechanism
 Hose, 1/2" w/filter, oiler&3/8" coupler
 Draw rod wrench assembly
 (1) clamp rib set, specify size
 (1) clamp pad set, specify size
 Allen wrench set
 Carrying case (WMH)
 (1) cutterhead, specify size
 Operating & maintenance instructions

'Wart'/Electric 'Wart' EPL deluxe kit for 1 1/4" ID to 4-1/2" OD

Kit Includes:

Pneumatic motor and gear drive Electric motor and speed reduction gear drive or Feed mechanism Hose 1/2" w/filter, oiler&3/8" coupler
 Draw rod wrench assembly
 Clamp rib & pad sets (H1-H5&H8)
 (2) Cutterheads, choice of 2-5/8", 3", 3-1/2", 4" & 4-1/2"
 Carrying case (WMH)
 Allen wrench set
 Operating & maintenance instructions

H-240 Mandrel kit, 3/4" for 3/4" ID to 1-1/4" ID

Kit Includes:

Mandrel, 3/4"
 Draw rod w/clamp release, wrench & actuator
 Cutterhead, 3/4" – 2-5/8"
 Clamp rib set (.750" – .905")

Clamp rib set (.875" – 1.030")
 Clamp rib set (1.000 – 1.155")
 Clamp rib set (1.125 – 1.280")

H-221 Mandrel kit, 1" for 1" ID to 1-1/4" ID

Kit Includes:

Mandrel, 1" w/feed stop
 Clamp rib set, H-O (1.000" – 1.250")
 Actuator, 1"
 Draw rod & stop collar

Spares

Part No.	Spare
CH-20	Cutterhead, 2-5/8"
CH-21	Cutterhead, 3"
CH-22	Cutterhead, 3-1/2"
CH-23	Cutterhead, 4"
CH-24	Cutterhead, 4-1/2"

Spares for clamp ribs

H-11	Actuator, roll pin
H-12	Actuator, 1.250"
H-12A	Actuator, 1"
H-14A	Spring, clamp rib H-00
H-14B	Spring, clamp rib H1-H4

Just want the electric motor?

H-201E Electric motor and speed reduction gear drive

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