

The perfect solution for heat exchanger construction or repair.

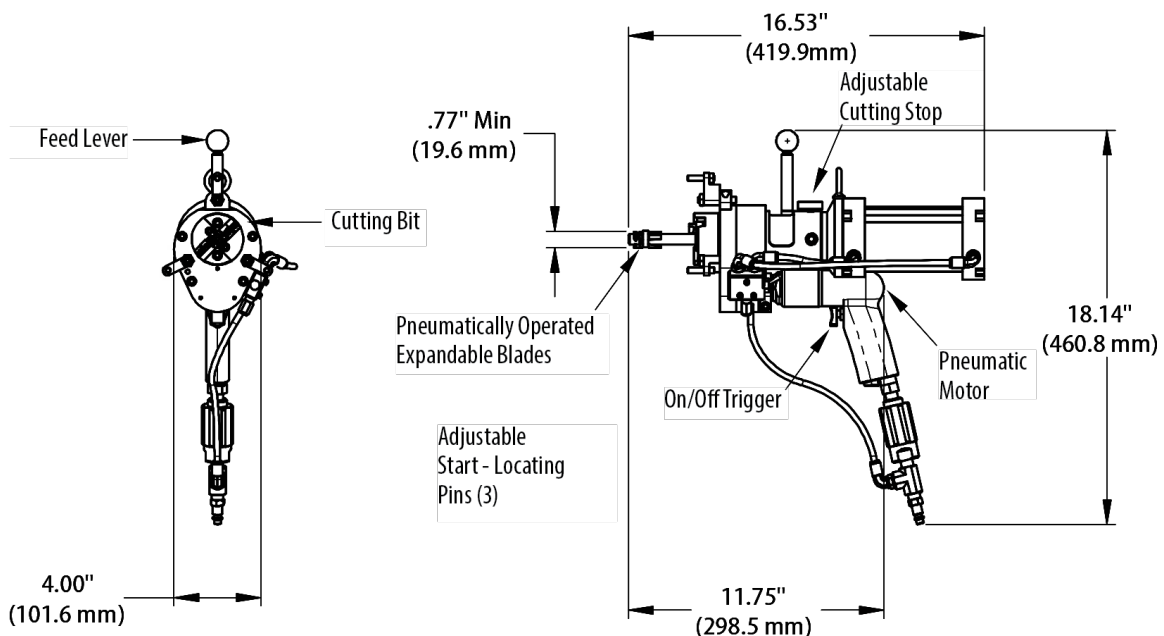


Get a better grasp of your Heat Exchanger Projects!

If you perform heat exchanger construction and maintenance, the Model 202TS is the perfect solution to rapidly and repeatably face, square and chamfer tube ends and bores in preparation for welding.

- Fast pneumatic clamping system.
- Patented lever feed system with depth stop.
- Torque accepting mandrel for operator safety.
- Expanding mandrel provides fast, accurate self-centering alignment.
- Mandrel shaft seal prevents contaminants from entering gears and internal parts.
- Hardened steel mounting blocks for max life and secure positioning.
- All tools needed for operation are included with the system.

Call Tri Tool for any special heat exchanger equipment you require.



Note: Specifications subject to change without notice.

Additional Features The Model 202TS Tube Sheet Facer's fast and secure pneumatic clamping, hardened tool blocks and self-centering mandrel provide precise alignment. Achieving accurate bit depth is easy with a patented lever feed system with an integral depth stop.

Specifications

Standard Mandrel ID Mounting Range: 0.77" (19.6mm) to 1.95" (49.5mm) tubes

1. Face Cutting Diameter: min ID of .77" (19.6mm) to max OD of 2.375" (85.7mm)
2. Counterboring: min ID of 1.00" (25.4mm) to max OD of 2.00" (50.8mm)

Optional Small Mandrel ID Mounting Range: 0.50" (12.7mm) to 0.78" (19.8mm) ID tubes

1. Face Cutting Diameter: min ID of 0.50" (12.7mm) to max OD of 1.19" (30.2mm)
2. Counterboring: min ID of 0.50" (12.7mm) to max OD of 0.75" (19.1mm)

Note: Tube removal procedures can be accomplished on tube with ID's of 0.50 to OD's of 2.375 provided the width of cut does not exceed 0.187" (4.75mm). Contact Tri Tool for options and recommendations.

Material Cutting Capabilities: Mild steels, chrome steels (Rc 35 Max), stainless steel, copper nickel alloys and aluminum.

Note: Inconel and some other high temperature alloys may require special procedures as a function of wall thickness and type of end preparation. Call for technical assistance.

Wall thickness capacity: All standard tube walls up to 0.187" (4.8mm).
Call for heavier wall procedures.

Rotating head dia.: 2.0" (50.8 mm)

Weight: 16.5 lbs. (7.5 Kg)

Drive System: Gear driven final drive

Pneumatic Motor: Free speed 400 rpm (max HP speed 200 rpm)

Power Supply: Pneu. motor requires 30 cfm (14 L/s) air supply at 90 psi (621 kPa) for max HP delivery

Note: Air Supply must have a filter/regulator/lubricator (FRL) system to protect the warranty. 275 rpm (138 rpm at max HP)

Cutting Head Speed: 275 rpm (138 rpm at max HP)

Functional Speed Range: 35 - 200 rpm

Speed Control: On/Off safety lever valve and trigger air flow control valve

Mounting: Pneumatically actuated draw rod expands mandrel ramps and jaw blocks

Feed: Manual - A lever arm actuated feed provides (.560" (14.2 mm) travel)

Depth Stop: Adjustable