

A CUT ABOVE THE REST

Tube Facing Machine for Tubesheets type US 18 TP



The US 18 TP is a fully automatic driven with an integrated control box. It features a machine positioning limit-stop and a machining limit-stop.

This machine allows to perform all types of bevels, tube facing and tube/tubesheet removal, weld excavation for instance:

- outcoming tubes from tube plates can be cut/shorted for instance on steam generators.
- prepare tubes ends automatically with a weld prep.
- remove already existing welds on boiler tubes.

The tube-preparation is simple: the operator pushes the clamping head into the tube. Through a pressure on the integrated button for the function "on", the machine will clamp itself automatically; the milling head begins to rotate and moves itself in the axial direction. Adjustable limit stops lay down the beginning and the end of the preparation.

TECHNICAL FEATURES:

Machining capacity:	max Ø 36 mm (Standard) max Ø 23 mm (Special mandrel)
Clamping capacity:	18 - 30 mm ID (Standard) 12 - 17 mm ID (Special mandrel)
Clamping:	pneumatic, automatic
Expansion:	2 mm
Feed:	max 20 mm, pneumatic, automatic, with limit stop. Adjustable speed.
Weight:	6 kg
Dimensions:	see back of the data sheet
RPM:	Off-load speed: 300 rpm Nominal speed: 150 rpm

Drive:	pneumatic drive
Power:	370 Watt
working pressure:	6 bar
Air intake:	350 l/min
Tooling:	quick changing milling head (one per diameter) with carbide inserts
Optional equipment:	<ul style="list-style-type: none"> ● Balancer ● Special mandrel 12 - 17 mm (one per diameter) ● Special clamping heads on request.

This machine must be equipped with a lubricating filter !

Subject to technical modification without prior modification !

For works with larger diameters: US 25 TP. Please call Protem!

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