

US25GL Saddle Beveling Machine

Standard Capacity: 25mm - 62mm (1" - 2.441")

Extended Capacity: 25mm - 90mm (1" - 3.543")



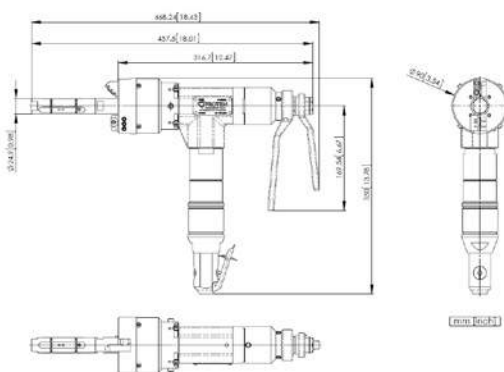
The saddle type tapings allow the perpendicular connection of laterals sections on main pipes. Saddle type tapings are located on collectors and boiler superheaters. These tapings are mainly carried out on stationary machines or with oxy fuel cutting or grinding machines.

The US25GL saddle pipe beveling machine is a portable, powerful, robust, reliable and versatile beveling machine. PROTEM offers a portable machining tool to perform such saddle type tapings. This cold machining process does not create any heat affected zone and produces repeatable high quality machinings.

The robust US25GL will perform repeatable high quality weld preparations on all types of materials including carbon steel, stainless steel, various alloys such duplex, super duplex, inconel, aluminum, copper, exotic alloys, etc...

A template is necessary per tube diameter and collector.

Please consult us for more information.



Dimensions

Beveling	Squaring	Counter-boring	Cut to length	Weld Joint Removal	Coating Removal	Saddles	Surfacing
✗	✗	✗	✗	✗	✗	✓	✗

Technical Features:

Specific shapes & angles	Saddles
Clamping	Manual with key
Feed stroke	35 mm (1.378")
Expansion	10 mm (0.394")
Cutting head gear drive	150 rpm off-load speed 70 rpm nominal speed. Approximate rotation speed according to air pressure and air flow
Pneumatic drive	730 W, 6 bar (87 psi), 1400 l/min (49 cfm)
Electric drive	110 V (1500 W) or 220 V (1050 W)
Pneumatically driven machines have to be used with a lubricating filter. Recommended option: regulation valve.	

Order No.	Description
US25GL-1000	Saddle Beveling Machine PROTEM US25GL with pneumatic drive
US25GL-1020	Saddle Beveling Machine with electric drive PROTEM US25GL
US25GL-1311	Adapting set, one is necessary for each diameter

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Example of use On-Site:



Saddle Type Tappings:



ID Mounted

Applications:

