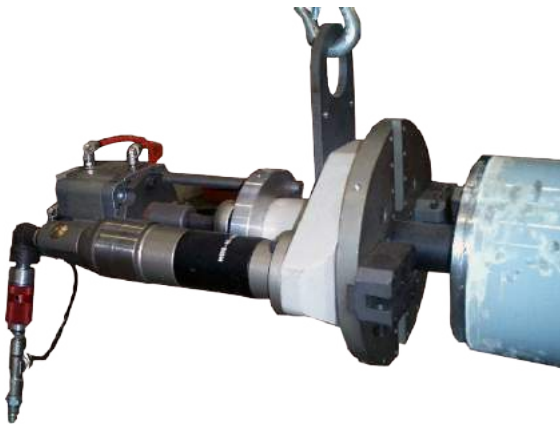


US40CA Beveling Machine with automatic clamping System

Standard Capacity: 43mm - 219mm (1.692" - 8.622")

Extended Capacity: 43mm - 273mm (1.629" - 10.748")

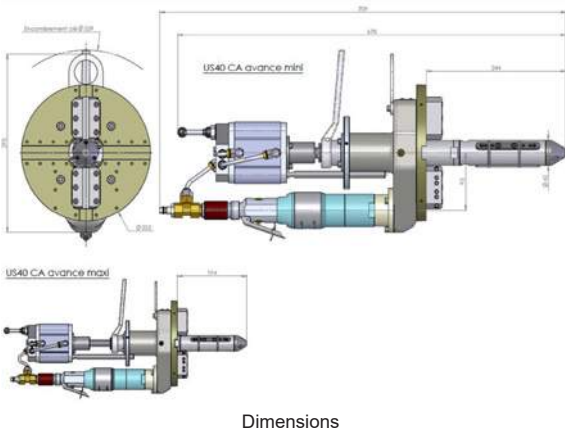


The portable id mount PROTEM US40CA tube and pipe beveling machine is powerful, durable, reliable and versatile. The US40CA covers \varnothing ranging from 43mm (1.692") to 219mm (8.622"). The standard tool plate will accept multiple tool bits, allowing up to four simultaneous machining operations which may include 30°, 37°30, 45° bevels with or without land, J-bevels, compound bevels, facing, counterboring operations, cutting tubes to length and removal of weld joints from heat exchanger tubes.

The tool bits can be changed and adjusted very quickly. Carbide tool inserts may also be used. The US40CA features a self-accepting torque system and an integral drive motor. It can be either pneumatically or electrically or hydraulically driven. The PROTEM US40CA will perform repeatable high quality weld preparations on all types of materials including mild steel, chrome, stainless steel, duplex, super duplex, copper-nickel alloy steel, inconel, P91, aluminium, copper and exotic alloys.

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

ID Mounted



Technical Features:

Specific shapes & angles	Facing 90°, bevel 30°, 37°30, 45°, counterbore, J-bevel, Other on request
Clamping	Automatic
Feed stroke	50 mm (1.968")
Cutting head gear drive	25 rpm off-load speed 16 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)
Pneumatically driven machines have to be used with a lubricating filter. Recommended option: regulation valve.	

Order No.	Description
US40CA-1000	Pipe Facing Machine PROTEM US40 with single pneumatic drive, for \varnothing 1.692" - 8.622" (43mm - 219mm). The US40CA features an integrated automatic clamping system.

US40CA On-Site:

