



SINGLE POINT MACHINING



Flange facing attachments
Available from
US25 to US450 models





High precision machining of sealing surfaces

These flange facing attachments remachine all types of flanges welded on pipes, of virtually any material, directly on-site or in the workshop.

Reliable, accurate, rigid, lightweight and very easy to use and operate.

Roughness adjustable from the rougher (Ra 6.3) to the smoother (Ra 0.8) surface finish.

REPAIR AND MAINTENANCE OF VALVES AND FLANGES ON-SITE

Clamping is performed directly inside the flange with the clamping shaft of the US machines and their additional expansion blades, or with a spider elbow mandrel kit.

It is recommended to use the spider elbow mandrel kit to get an optimal adjustment of the machine with the flange (squareness and concentricity). For use with a variety of materials mild steel, stainless steel, alloy steels, aluminium, duplex, super duplex, inconel, P91.





**Practical
Tools Inc.**

Technical Features

Models	US25 ACC	US30CH ACC	US40-ASB	US80-ASB	US150-ASB	US450-ASB
I.D Clamping capacity	Ø25 – Ø107 mm	Ø32 – Ø114.3 mm	Ø42 - Ø222 mm	Ø80 - Ø355 mm	Ø150 – Ø508 mm	Ø 420 – 1828.8 mm
	0.984” – 4.213”	1.260” – 4.500”	1.654” – 8.740”	3.150” – 13.976”	5.905” – 20.000”	16,535” - 72.000”
Machining capacity ØA	Ø40 mm	Ø45 mm	Ø59 mm	Ø95 mm	Ø167 mm	Ø 450 mm
	1.575”	1.772”	2.323”	3.740”	6.575”	17.717”
Machining capacity ØB	Ø276 mm	Ø323 mm	Ø414 mm	Ø627 mm	Ø917 mm	Ø 1828.8 mm
	10.866”	12.717”	16.299”	24.685”	36.102”	72000”
Weight	5 kg/ 11 LB	9 kg/19.8 LB	13 kg/28.7 LB	30 kg/66.1 LB	45 kg/ 99.2 LB	65 kg/ 143.3 LB