

US 25 PIPE BEVELING MACHINE

■ The US 25 portable pipe beveling tool is designed for beveling and facing pipe from 0.98" (25 mm) I.D. to 3" O.D. (107 mm) and 4.72" O.D. (88.9 mm), (optional mandrels are available for I.D. sizes down to 0.48" (12 mm)).

■ The US 25 features self-accepting torque system and an integral drive motor (several drive motor options and gear ratios are available). Standard tool plates will accept multiple tool bits allowing up to four simultaneous machining operations. Such operations may include beveling, facing, counterboring, compound beveling and O.D. chamfering.

■ The rugged US 25 is capable of performing repeatable high quality weld preparations on all machinable alloy pipes, including stainless steel and other high nickel alloys.



TECHNICAL SPECIFICATIONS

Standard Mandrel I.D. clamping range capacity	I.D. range:	25-107 mm
	Mandrel engagement length:	63.5 mm
	Mandrel expansion:	10 mm
	Optional mandrel # 1 I.D. range:	12-17 mm
	Optional mandrel # 2 I.D. range:	18-26 mm
Machining range	Standard tool holder:	12-90 mm
	Optional 2 in. Tool holder:	12-60 mm O.D.
	Optional 4 in. Tool holder:	12-120 mm O.D.
Tool feed	Manual travel:	35 mm
Tool rotation	Off load speed:	150 rpm (standard motor)
	Maximum nominal speed:	70 rpm (standard motor)
Weight	8 pounds (3.6 kg) with standard motor	
Motor drive	Standard pneumatic drive:	.98 hp. 32 cfm at 90 psi
	Optional electric drive:	1.6 hp. 110 V or 240 V 1200 W
	Optional pneumatic drive:	2 hp. 64 cfm at 90 psi

DIMENSIONS

