



PIPE EQUIPMENT SPECIALISTS LTD

PREP 4 PIPE BEVELLING 1" to 4"



www.TAG-PIPE.com

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RANGE: 23 to 112mm i/d

- **Functions:** External Beveling
Internal Beveling
Elbow Beveling
Facing
Counter-boring
Weld Removal
J-Prepping and facing of Tubeplate
- **Materials:** Any kind of Steel
and Exotic Alloy
- **Power:** Pneumatic / Electric / Battery
(110v or 220v)

The PREP 4 is one of our most popular i/d locking, in-line feed end prep machines. The PREP 4's power to weight ratio, in electric, battery (110v or 220v), or pneumatic drive form is unrivalled.

A 4 jaw tool holder (chuck) allows use of up to 4 insert or form tools to enable beveling of heavy wall pipe & tube, simultaneous external, internal and facing of tubes can be performed with ease for accurate repetitive work.

Its size, power, and functionality, makes it extremely popular in high volume boiler repair and maintenance work, tube facing, weld removal, and J-prepping of the tube plate.



FEATURES & ADVANTAGES

The PREP 4 is torque reactive. This means that the pipe or tube does not have to be fixed to be beveled, making it particularly useful on-site, in maintenance and repair situations. This is due to the design and strength of the thru shaft system that locks to the bore of the pipe.

The Jaw system itself consists of 3 equilaterally positioned machined jaw segments, retained and locked on an inner, 'grooved' expansion shaft.

These grooves keep the jaws held securely in position, unlike other systems that use a metal or rubber bands for jaw retention.

As the expansion nut is tightened, the jaws expand, locking tightly, and square to the bore of the pipe.



POWER OPTIONS:

PNEUMATIC



PART NO. TP4P

ELECTRIC



PART NO. TP4E

BATTERY



PART NO. TP4B

ACCESSORIES & OPTIONS:

ELBOW SHAFT



PART NO. TP4ESK

AUTO LOCK



PART NO. TP4ALD

RATCHET HANDLES



PART NO. TP4AHK

FILTER LUBRICATOR



PART NO. AFL1



PREP 4 TECHNICAL FEATURES:

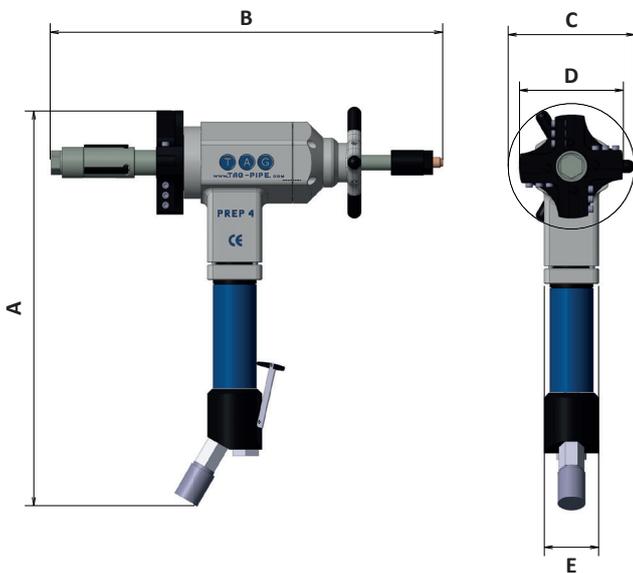
DESCRIPTION	MEASUREMENT	PNEUMATIC	ELECTRIC	BATTERY
Part Number	-	TP4P	TP4E	TP4B
Locking tube range	mm (i/d.)	23 - 112	23 - 112	23 - 112
Recommended working range	inch (o/d.)	1 - 4"	1 - 4"	1 - 4"
Idle speed	rpm	0 - 100	5 - 82	55
Torque	kgm/nm	14.1 / 138+	19.7 / 193+	22.1 / 216+
Length of axial feed	mm	40.5	40.5	40.5
Max operating temperature	c°	55	55	55
Max acoustic radiation	dB	75	75	75
Pneumatic motor power	hp	1.5	-	-
Air consumption	cfm	34 - 36	-	-
Air working pressure	psi	90	-	-
Air hose connection	inches	¾"	-	-
Electric motor power	watt	-	1300	1800
Voltage	volt	-	110 / 220	charger 110 / 220
Frequency	Hz	-	50 / 60	charger 50 / 60
Unit weight	kg	9.4	10.4	11.1
Packing dimensions	mm	640 x 500 x 140	640 x 500 x 140	640 x 500 x 140
Packing weight	kg	28.5	29.5	30.5

PACKAGE

All units are supplied complete with all locking jaws to cover the full range of the machine. Service tools, drawings, instruction manual and warranty certificate and protective metal carrying case.

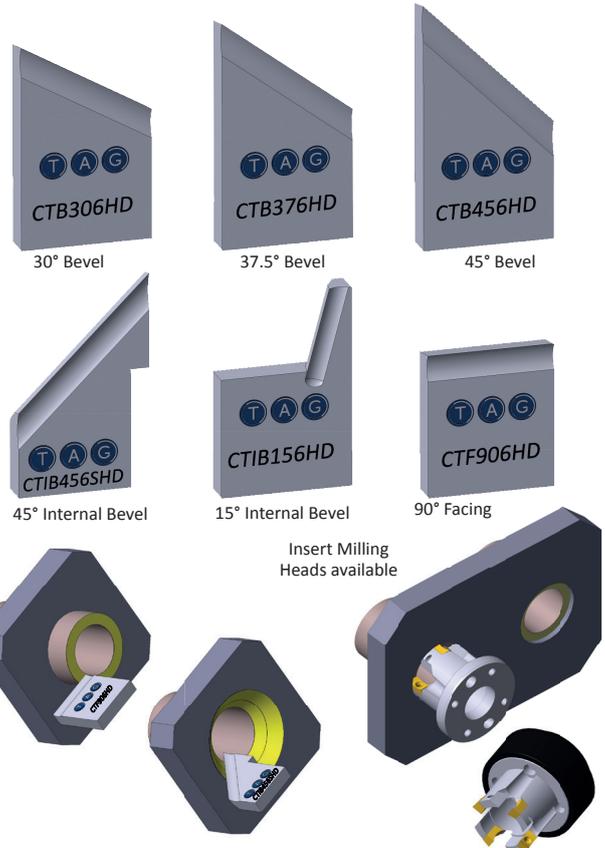


DIMENSIONS



DIM	PNEUMATIC	ELECTRIC	BATTERY
A	455mm	510mm	540mm
B	434mm	434mm	434mm
C	140mm	140mm	140mm
D	115mm	115mm	115mm
E	60mm	90mm	90mm

EXAMPLES OF COMMON CUTTING TOOLS



All shapes, sizes and angles available



PIPE EQUIPMENT SPECIALISTS LTD PRODUCTS INCLUDE:

PIPE BEVELLING MACHINES



PIPE CUTTING MACHINES



PIPE ALIGNMENT CLAMPS



PIPE STANDS AND ROLLERS



PIPE PURGING EQUIPMENT



PLATE BEVELLERS



North America

Europe

Asia

Middle East

India

Africa

South America

Australia



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Our company policy is one of continuous improvement. Products may change or vary from those illustrated.

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