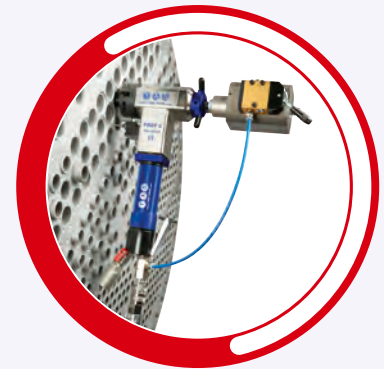




PIPE EQUIPMENT SPECIALISTS

PREP 2 PIPE BEVELLING $\frac{1}{2}$ " to $1\frac{1}{2}$ "



SCAN QR CODE
TO WATCH VIDEO





PREP 2

Portable Pipe Beveling Machine

RANGE: 23 - 42mm i/d / 0.9 - 1.5" i/d
(optional from 12.5mm i/d / 0.5" i/d)

- **Functions:** External beveling / internal beveling / elbow and fittings beveling / facing, counter-boring / weld removal / J-prepping and facing of tube plate
- **Materials:** Any kind of steel and exotic alloy
- **Power:** Pneumatic, electric or battery (110v or 220v)

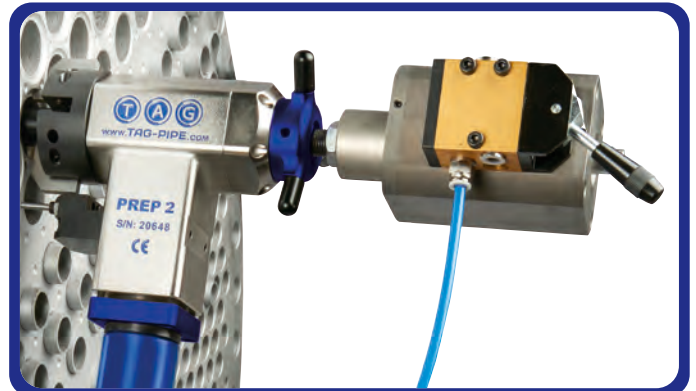
The smallest in our range of i/d locking, direct in-line feed end prep machines. The PREP 2 is small, light weight, yet powerful, in electric, battery (110v or 220v) or pneumatic drive form. A 4-jaw tool holder (chuck) allows use of up to 4 form tools to enable weld preparation of thin wall tube, or heavy wall pipe. Simultaneous external and internal beveling and facing of tubes is simple, ideal for accurate repetitive work. It's size, power, and functionality, make it extremely popular in high volume heat exchanger work, tube facing, weld removal, and J-prepping of the tube plate. Also used extensively on power station shutdowns for boiler panel bevels.

FEATURES AND ADVANTAGES

The PREP 2 is torque reactive. This means that the pipe or tube does not have to be fixed to be bevelled, 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 equilateral 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.

The machine body is CNC machined out of solid aluminium and nickel plated, this ensures strength and we can keep precise tolerances on all components, resulting in a stable heavy duty machine that does not move under load, we also ensure all components are treated utilising the latest technologies to ensure durability.



MADE IN UK



www.TAG-PIPE.com

PART OF



POWER OPTIONS:

PNEUMATIC



PART NO. TP2P

ELECTRIC



PART NO. TP2E110 / TP2E220

BATTERY



PART NO. TP2B110 / TP2B220

COMPLETE LEVER



PART NO. TP2PALL

ACCESSORIES AND OPTIONS:

REDUCED SHAFT

12.5 - 23mm i/d
0.5 - 0.9" i/d



PART NO. TP2RSK

ELBOW / FITTINGS SHAFT

26 - 51mm i/d
1 - 2" i/d



PART NO. TP2ESK

AUTO LOCK

Used with
Pneumatic
machines only



PART NO. TP2ALD

RATCHET HANDLES



PART NO. TP2RHK

FEED STOPPER



PART NO. TP2FSK

MILLING HEADS



PART NO. CTBHSF***

PREP 2 TECHNICAL FEATURES

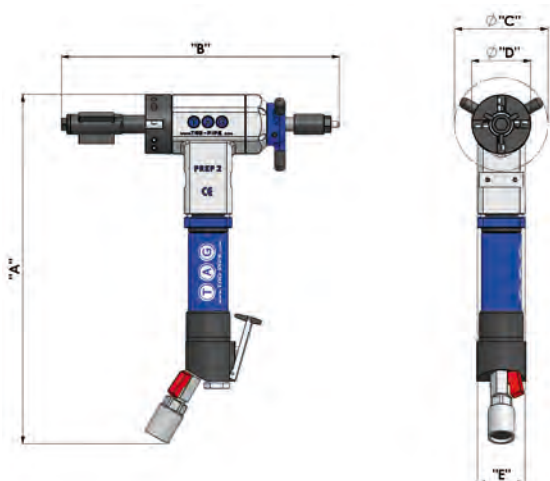
DESCRIPTION	MEASUREMENT	PNEUMATIC	ELECTRIC	BATTERY
Part Number	n/a	TP2P / TP2PALL	TP2E110 / TP2E220	TP2B110 / TP2B220
Locking tube range	mm (i/d)	23 - 42 Optional from 12.5	23 - 42 Optional from 12.5	23 - 42 Optional from 12.5
Locking tube range	inch (i/d)	0.9 - 1.5" Optional from 0.5"	0.9 - 1.5" Optional from 0.5"	0.9 - 1.5" Optional from 0.5"
Idle speed	rpm	5 - 215	5 - 250	80 / 120 / 160
Torque	N m	56	50	60
Length of axial feed	mm	24	24	24
Max operating temperature	°C	55	55	55
Max acoustic radiation	dB	75	75	75
Pneumatic motor power	hp	0.7	n/a	n/a
Air consumption	cfm / l/min.	28 / 800	n/a	n/a
Air working pressure	psi / bar	90 / 6.5	n/a	n/a
Air hose connection	inches	½"	n/a	n/a
Electric motor power	watt	n/a	720	800
Voltage	volt	n/a	110 or 220	Charger 110 or 220
Frequency	Hz	n/a	50 / 60	Charger 50 / 60
Unit weight	kg / lbs	4.8 / 10.6	5.5 / 12	5.7 / 12.5
Packing dimensions	mm	545 x 400 x 120	545 x 400 x 120	560 x 570 x 120
Packing weight	kg / lbs	13.5 / 30	14.5 / 32	15.5 / 34

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- All units are supplied complete with all gripping segments to cover the full range of the machine. Service tools, drawings, instruction manual and warranty certificate are also supplied as standard.
- Each machine is supplied with a protective custom built metal box.
- Pneumatic machine must be used with filter lubricator and oil - use without will void warranty.



DIMENSIONS



DIM	PNEUMATIC	ELECTRIC	BATTERY
A	400mm	430mm	470mm
B	316mm	316mm	316mm
ØC	106mm	106mm	106mm
ØD	67mm	67mm	67mm
E	54mm	72mm	72mm

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT



All shapes, sizes and angles available

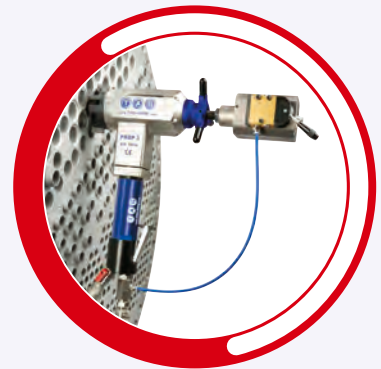


PIPE EQUIPMENT SPECIALISTS

PREP 3 PIPE BEVELLING 1" to 3"



SCAN QR CODE
TO WATCH VIDEO





PREP 3

Portable Pipe Beveling Machine

RANGE: 28 - 76mm i/d / 1 - 3" i/d
(optional from 20mm i/d / 0.8" i/d)

- **Functions:** External beveling / internal beveling / elbow and fittings beveling / facing / counter-boring / weld removal / J-prepping and facing of tube plate
- **Materials:** Any kind of steel and exotic alloy
- **Power:** Pneumatic, electric or battery (110v or 220v)

The PREP 3 is a popular i/d locking, in-line feed end prep machines.

The PREP 3'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 and 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 plates and panels.



FEATURES AND ADVANTAGES

The PREP 3 is torque reactive. This means that the pipe or tube does not have to be fixed to be bevelled, 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 equilateral 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.



MADE IN UK



www.TAG-PIPE.com

PART OF



POWER OPTIONS:

PNEUMATIC



PART NO. TP3P

ELECTRIC



PART NO. TP3E110 / TP3E220

BATTERY



PART NO. TP3B110 / TP3E220

ACCESSORIES AND OPTIONS:

REDUCED SHAFT

20 - 30mm i/d
0.8 - 1.2" i/d



PART NO. TP3RSKV2

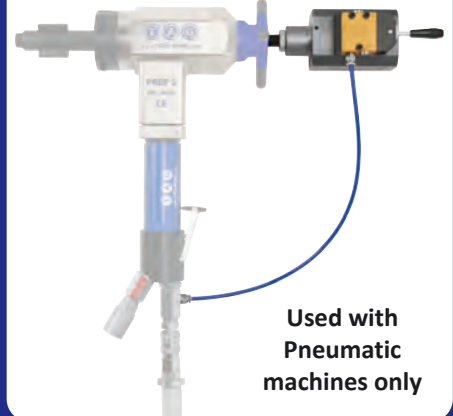
ELBOW / FITTINGS SHAFT



38 - 79mm i/d
1.5 - 3" i/d

PART NO. TP3ESKV2

AUTO LOCK



Used with
Pneumatic
machines only

PART NO. TP3ALD

RATCHET HANDLES



PART NO. TP3RHKV2

FEED STOPPER



PART NO. TP3FSK

MILLING HEADS



PART NO. CTMH***BMR

PREP 3 TECHNICAL FEATURES

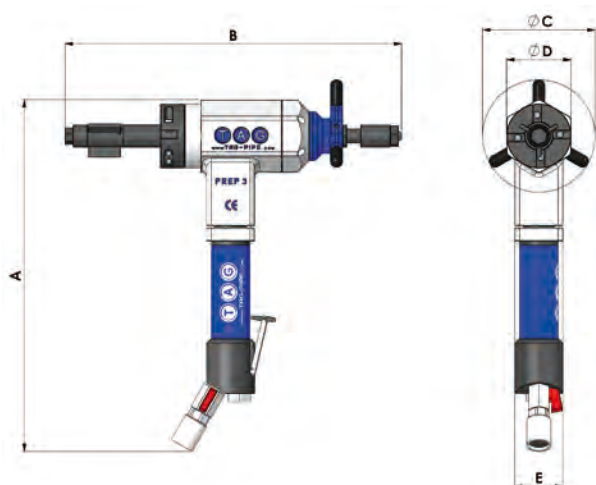
DESCRIPTION	MEASUREMENT	PNEUMATIC	ELECTRIC	BATTERY
Part Number	n/a	TP3P	TP3E110 / TP3E220	TP3B110 / TP3B220
Locking tube range	mm (i/d)	28 - 76 Optional from 20	28 - 76 Optional from 20	28 - 76 Optional from 20
Locking tube range	inch (i/d)	1 - 3" Optional from 0.8"	1 - 3" Optional from 0.8"	1 - 3" Optional from 0.8"
Idle speed	rpm	5 - 120	5 - 82	23 / 37 / 50
Torque	N m	140	152	140
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	1.35	n/a	n/a
Air consumption	cfm / l/min.	36 / 1020	n/a	n/a
Air working pressure	psi / bar	90 / 6.5	n/a	n/a
Air hose connection	inches	½"	n/a	n/a
Electric motor power	watt	n/a	1300	800
Voltage	volt	n/a	110 or 220	Charger 110 or 220
Frequency	Hz	n/a	50 / 60	Charger 50 / 60
Unit weight	kg / lbs	8.9 / 19.5	9.9 / 22	10.4 / 23
Packing dimensions	mm	640 x 500 x 140	640 x 500 x 140	640 x 640 x 140
Packing weight	kg / lbs	23 / 51	24 / 53	25 / 55

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- Each machine is supplied with a protective custom built metal box.
- Pneumatic machine must be used with filter lubricator and oil - use without will void warranty.



DIMENSIONS



DIM	PNEUMATIC	ELECTRIC	BATTERY
A	435mm	500mm	530mm
B	402mm	402mm	402mm
ØC	140mm	140mm	140mm
ØD	80mm	80mm	80mm
E	60mm	90mm	90mm

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT



All shapes, sizes and angles available



PIPE EQUIPMENT SPECIALISTS

PREP 4 PIPE BEVELLING 1" to 4"



SCAN QR CODE
TO WATCH VIDEO





PREP 4

Portable Pipe Beveling Machine

RANGE: 23 - 112mm i/d / 1 - 4" i/d

- **Functions:** External beveling / internal beveling / elbow and fittings beveling / facing / counter-boring / weld removal / J-prepping and facing of tube plate
- **Materials:** Any kind of steel and exotic alloy
- **Power:** Pneumatic, electric or 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 and 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.



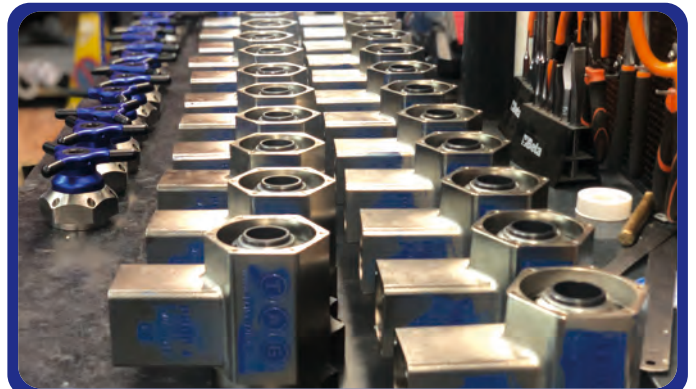
FEATURES AND ADVANTAGES

The PREP 4 is torque reactive. This means that the pipe or tube does not have to be fixed to be bevelled, 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 equilateral 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.



www.TAG-PIPE.com

PART OF
S F E
SPECIALIZED FABRICATION EQUIPMENT
GROUP

POWER OPTIONS:

PNEUMATIC



PART NO. TP4P

ELECTRIC



PART NO. TP4E110 / TP4E220

BATTERY



PART NO. TP4B110 / TP4B220

ACCESSORIES AND OPTIONS:

ELBOW / FITTINGS SHAFT



PART NO. TP4ESKV2

AUTO LOCK



Used with
Pneumatic
machines only

PART NO. TP4ALD

RATCHET HANDLES



PART NO. TP4RHKV2

FILTER LUBRICATOR



PART NO. AFL1



PREP 4 TECHNICAL FEATURES

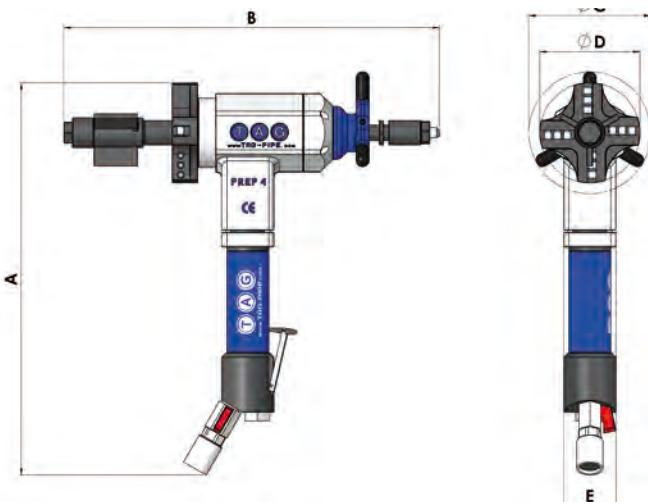
DESCRIPTION	MEASUREMENT	PNEUMATIC	ELECTRIC	BATTERY
Part Number	n/a	TP4P	TP4E110 / TP4E220	TP4B110 / TP4B220
Locking tube range	mm (i/d)	23 - 112	23 - 112	23 - 112
Locking tube range	inch (i/d)	1 - 4"	1 - 4"	1 - 4"
Idle speed	rpm	5 - 100	5 - 82	23 / 37 / 50
Torque	N m	176	152	140
Length of axial feed	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	1.35	n/a	n/a
Air consumption	cfm / l/min.	36 / 1020	n/a	n/a
Air working pressure	psi / bar	90 / 6.5	n/a	n/a
Air hose connection	inches	½"	n/a	n/a
Electric motor power	watt	n/a	1300	800
Voltage	volt	n/a	110 or 220	Charger 110 or 220
Frequency	Hz	n/a	50 / 60	Charger 50 / 60
Unit weight	kg / lbs	9.4 / 20.7	10.4 / 23	11.1 / 24.5
Packing dimensions	mm	640 x 500 x 140	640 x 500 x 140	640 x 640 x 140
Packing weight	kg / lbs	28.5 / 63	29.5 / 65	30.5 / 67

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- All units are supplied complete with all gripping segments to cover the full range of the machine. Service tools, drawings, instruction manual and warranty certificate are also supplied as standard.
- Each machine is supplied with a protective custom built metal box.
- Pneumatic machine must be used with filter lubricator and oil - use without will void warranty.



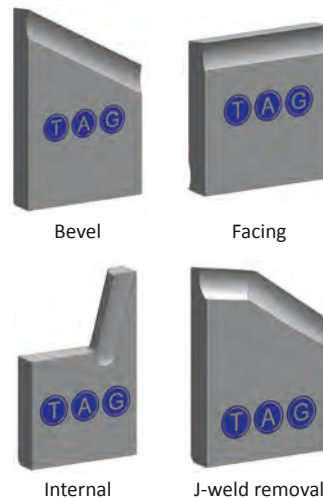
DIMENSIONS



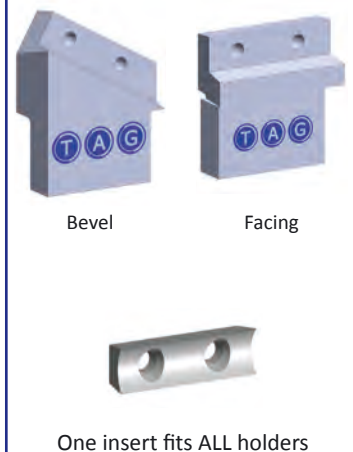
DIM	PNEUMATIC	ELECTRIC	BATTERY
A	455mm	510mm	540mm
B	434mm	434mm	434mm
ØC	140mm	140mm	140mm
ØD	115mm	115mm	115mm
E	60mm	90mm	90mm

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT



All shapes, sizes and angles available



PIPE EQUIPMENT SPECIALISTS

PREP 8 PIPE BEVELLING 2" to 8"



SCAN QR CODE
TO WATCH VIDEO





PREP 8

Portable Pipe Beveling Machine

RANGE: 50 - 211mm i/d / 2 - 8" i/d

- **Functions:** External beveling / internal beveling / elbow and fittings beveling / facing / counter-boring / weld removal / J-prepping / compound bevels
- **Materials:** Any kind of steel and exotic alloy
- **Power:** Pneumatic or electric (110v or 220v)

One of our most powerful and popular i/d locking, in-line feed end prep machines. This is mainly due to its impressive 2 - 8" working range and unrivalled power. The PREP 8 is a portable, one man operation machine, its power to weight ratio, and offset 4-jaw tool holder (chuck) allows use of up to 4 insert or form tools to enables simultaneous external, internal beveling of even the heaviest wall pipe. The PREP 8 is a real workhorse. It's size, power, and functionality, make it extremely popular in high volume heavy duty beveling applications, on site, or in the workshop.



FEATURES AND ADVANTAGES

The PREP 8 is torque reactive. This means that the pipe or tube does not have to be fixed to be bevelled, 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 equilateral 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.



MADE IN UK



www.TAG-PIPE.com

PART OF



POWER OPTIONS:

PNEUMATIC



PART NO. TP8P

ELECTRIC



PART NO. TP8E110 / TP8E220

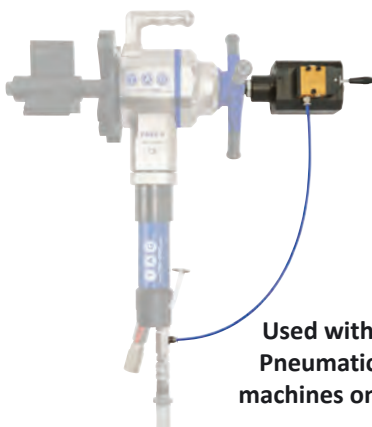
ACCESSORIES AND OPTIONS:

ELBOW / FITTINGS SHAFT



PART NO. TP8ESK

AUTO LOCK



PART NO. TP8ALD

RATCHET HANDLES



PART NO. TP8RHK

FILTER LUBRICATOR



PART NO. AFL1

PREP 8 TECHNICAL FEATURES

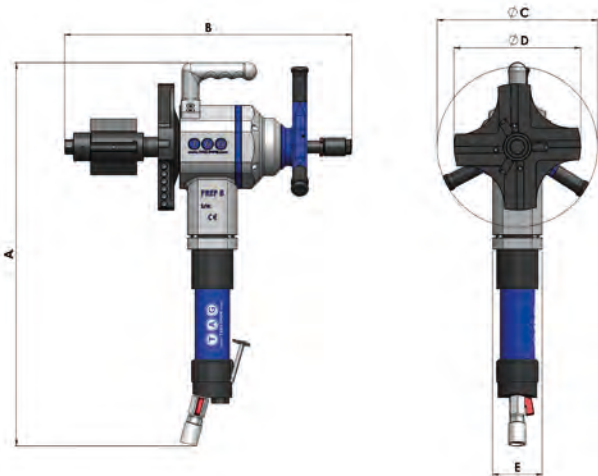
DESCRIPTION	MEASUREMENT	PNEUMATIC	ELECTRIC
Part Number	n/a	TP8P	TP8E110 / TP8E220
Locking tube range	mm (i/d)	50 - 211	50 - 211
Locking tube range	inch (i/d)	2 - 8"	2 - 8"
Idle speed	rpm	5 - 52	5 - 34
Torque	N m	265	280
Length of axial feed	mm	40	40
Max operating temperature	°C	55	55
Max acoustic radiation	dB	75	75
Pneumatic motor power	hp	1.85	n/a
Air consumption	cfm / l/min.	50 / 1400	n/a
Air working pressure	psi / bar	90 / 6.5	n/a
Air hose connection	inches	¾"	n/a
Electric motor power	watt	n/a	1900
Voltage	volt	n/a	110 or 220
Frequency	Hz	n/a	50 / 60
Unit weight	kg / lbs	25 / 55	26 / 57
Packing dimensions	mm	830 x 780 x 250	830 x 610 x 250
Packing weight	kg / lbs	55 / 121	54 / 119

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- All units are supplied complete with all gripping segments to cover the full range of the machine. Service tools, drawings, instruction manual and warranty certificate are also supplied as standard.
- Each machine is supplied with a protective custom built metal box.
- Pneumatic machine must be used with filter lubricator and oil - use without will void warranty.



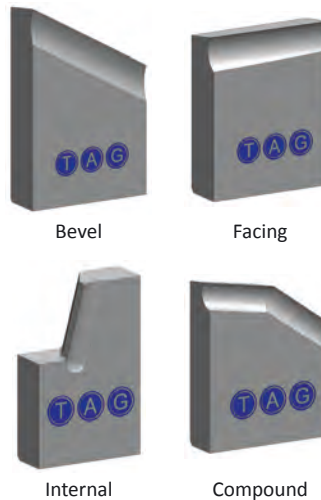
DIMENSIONS



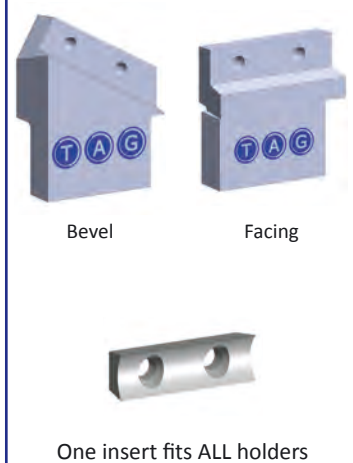
DIM	PNEUMATIC	ELECTRIC
A	670mm	700mm
B	520mm	520mm
ØC	278mm	278mm
ØD	220mm	220mm
E	86mm	90mm

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT



All shapes, sizes and angles available



PIPE EQUIPMENT SPECIALISTS

PREP 16 PIPE BEVELLING 3" to 16"



SCAN QR CODE
TO WATCH VIDEO





PREP 16

Portable Pipe Beveling Machine

RANGE: 72 - 400mm i/d / 2.8 - 15.74" i/d

- **Functions:** External beveling
Internal beveling
Facing
Counter-boring
Weld removal
J-prepping
Compound bevels
- **Materials:** Any kind of steel and exotic alloy
- **Power:** Servo electric, pneumatic or hydraulic



FEATURES AND ADVANTAGES

The PREP 16 is the first in TAG's new range of a heavy duty mid-large diameter beveling machines.

Offering ratcheted i/d jaw locking as well as ratchet bevel feed control for effortless heavy wall preps, offered in extremely powerful user friendly servo electric or pneumatic any bevel geometry can be performed within the impressive 3" - 16" range.

J-preps, counter boring, and facing can all be performed, simultaneously, using the correct tooling fitted in (up to) 4 heavy duty hardened multi-position tool holders. Due to its light weight, yet unrivalled power, the PREP 16 is ideal for on-site, off shore, nuclear, and other applications where precision welds are required at an incredible value.

The PREP 16, and its bigger brother the PREP 24, utilise ratchet feed and locking. This allows effortless set-up, and enables the operator to deliver consistent feed with minimal effort.



MADE IN UK

POWER OPTIONS:

SERVO ELECTRIC

RECOMMENDED



**PATENT
PENDING**

PART NO. TP16SE110 / TP16SE220

PNEUMATIC



PART NO. TP16P

HYDRAULIC



PART NO. TP16H

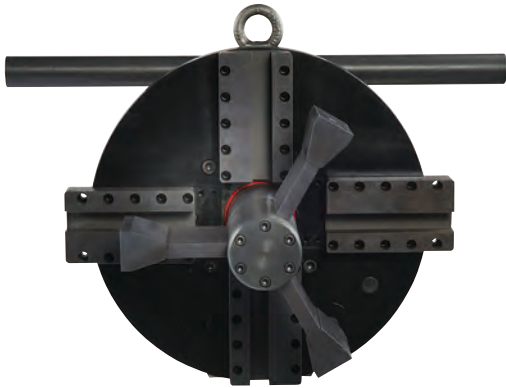
www.TAG-PIPE.com

PART OF

SPECIALIZED FABRICATION EQUIPMENT
GROUP

FEATURES:

SELF-CENTERING



Self-centering 70mm (2.75") one piece locking shaft with built in jaws, eliminates the issue of broken or loosening retaining springs and o-rings.

UNRIVALLED POWER AND STABILITY



TAG innovative bearing/crown and pinion design combined with our large shaft, delivers unrivalled power and stability.

SERVO ELECTRIC

RECOMMENDED



**PATENT
PENDING**

SERVO ELECTRIC control box makes the strongest portable pipe beveling machine available on the market.

LIFTING HANDLES



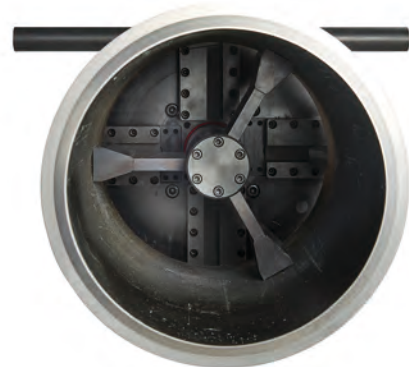
To enable ease of set up, the machine is equipped with lifting handles and removable extensions so the machine can be easily installed, and removed from the pipe.

RATCHET FEED AND LOCKING



The PREP 16 has unrivalled power and stability, utilising a ratchet system for both jaw locking, and bevel feed.

SIX POINT LOCKING



Innovative wide locking jaws offer 6 point locking from 3 jaws giving superior clamping force for chatter free end preps.

PREP 16 TECHNICAL FEATURES

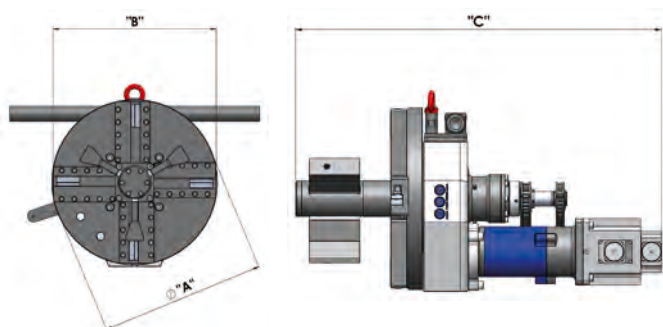
DESCRIPTION	MEASUREMENT	PNEUMATIC	SERVO ELECTRIC	HYDRAULIC
Part Number	n/a	TP16P	TP16SE110 / TP16SE220	TP16H
Locking tube range	mm / inch (i/d)	72 - 400 / 2.8 - 15.74"	72 - 400 / 2.8 - 15.74"	72 - 400 / 2.8 - 15.74"
Working range	mm / inch (o/d)	72 - 406 / 3 - 16"	72 - 406 / 3 - 16"	72 - 406 / 3 - 16"
Idle speed	rpm	5 - 18	1 - 18	1 - 26
Length of axial feed	mm / inch	50 / 2	50 / 2	50 / 2
Max operating temperature	°C	55	60	60
Max acoustic radiation	dB	75	45	55
Pneumatic Motor Power	hp	3.5	n/a	5.4
Air Consuming Flux	cfm / l/min.	90 / 2500	n/a	n/a
Air working pressure	psi / bar	90 / 6.5	n/a	n/a
Air Hose Connection	inches	¾"	n/a	n/a
Servo Electric Motor Power	kw	n/a	1.5	n/a
Voltage	volt	n/a	110 or 220	Refer to Hydraulic Power Pack
Frequency	Hz	n/a	50 / 60	Refer to Hydraulic Power Pack
Remote Control	Yes / No	No	Yes	Yes
Forward / Reverse	Yes / No	No	Yes	Yes
Unit weight	kg / lbs	43 / 95	44 / 97	41 / 90
Packing dimensions L x W x H	mm	860 x 570 x 530	860 x 570 x 530	860 x 570 x 530
Packing weight	kg / lbs	128 / 282	140 / 305	125 / 275

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- 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 are also supplied as standard.
- Each machine is supplied with a protective custom built box.
- Pneumatic machine must be used with filter lubricator and oil - use without will void warranty.



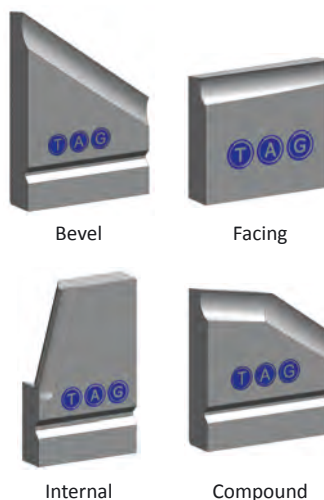
DIMENSIONS



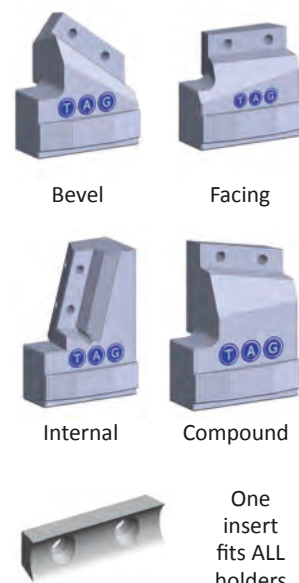
DIMENSIONS		PNEUMATIC	SERVO ELECTRIC	HYDRAULIC
ØA	mm	323	323	323
B	mm	407	407	407
C	mm	750	630	530

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT (Recommended)



All shapes, sizes and angles available



PIPE EQUIPMENT SPECIALISTS

PREP 24 PIPE BEVELLING 7" to 24"



SCAN QR CODE
TO WATCH VIDEO



TAG PREP 24

Portable Pipe Beveling Machine

RANGE: 175 - 600mm i/d / 6.9 - 23.6" i/d

- **Functions:** External beveling
Internal beveling
Facing
Counter-boring
Weld removal
J-prepping
Compound bevels
- **Materials:** Any kind of steel and exotic alloy
- **Power:** Servo electric, pneumatic or hydraulic



FEATURES AND ADVANTAGES

The PREP 24 is the largest in TAG's new range of a heavy duty mid-large diameter beveling machines.

Offering ratcheted i/d jaw locking as well as ratchet bevel feed control for effortless heavy wall preps, offered in extremely powerful user friendly servo electric or pneumatic any bevel geometry can be performed within the impressive 7" - 24" range.

J-preps, counter boring, and facing can all be performed, simultaneously, using the correct tooling fitted in (up to) 4 heavy duty hardened multi-position tool holders. Due to its light weight, yet unrivalled power, the PREP 24 is ideal for on-site, off shore, nuclear, and other applications where precision welds are required at an incredible value.

The PREP 24, like the PREP 16 utilise ratchet feed, and locking. This allows effortless setup, and enables the operator to deliver consistent feed with minimal effort.



MADE IN UK

POWER OPTIONS:

SERVO ELECTRIC

RECOMMENDED



PATENT
PENDING

PART NO. TP24SE110 / TP24SE220

PNEUMATIC



PART NO. TP24P

HYDRAULIC



PART NO. TP24H

www.TAG-PIPE.com

PART OF
S F E
SPECIALIZED FABRICATION EQUIPMENT
GROUP

FEATURES:

SELF-CENTERING



Self-centering 150mm (5.9") one piece locking shaft with built in jaws, eliminates the issue of broken or loosening retaining springs and o-rings.

UNRIVALLED POWER AND STABILITY



TAG innovative bearing/crown and pinion design combined with our large shaft, delivers unrivalled power and stability.

SERVO ELECTRIC

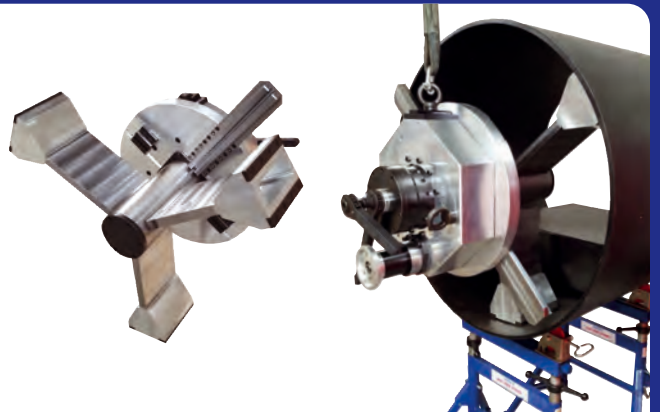
RECOMMENDED



**PATENT
PENDING**

SERVO ELECTRIC control box makes the strongest portable pipe beveling machine available on the market.

EXTENSION KITS



Optional extension kits up to 42" available on request.

RATCHET FEED AND LOCKING



The PREP 24 has unrivalled power and stability, utilising a ratchet system for both jaw locking, and bevel feed.

SIX POINT LOCKING



Innovative wide locking jaws offer 6 point locking from 3 jaws giving superior clamping force for chatter free end preps.

PREP 24 TECHNICAL FEATURES

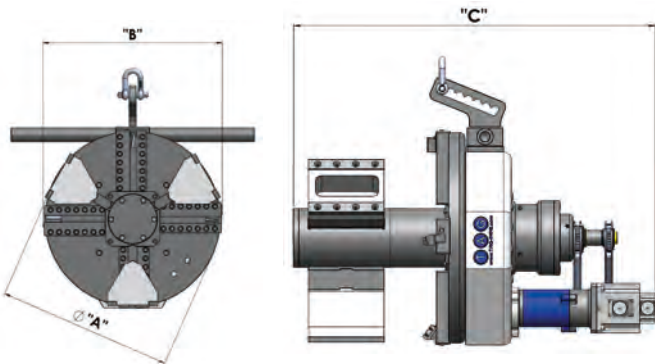
DESCRIPTION	MEASUREMENT	PNEUMATIC	SERVO ELECTRIC	HYDRAULIC
Part Number	n/a	TP24P	TP24SE110 / TP24SE220	TP24H
Locking tube range	mm / inch (i/d)	175 - 600mm / 6.9 - 23.6" (optional up to 42")	175 - 600mm / 6.9 - 23.6" (optional up to 42")	175 - 600mm / 6.9 - 23.6" (optional up to 42")
Working range	mm / inch (o/d)	180 - 604mm / 7 - 24" (optional up to 42")	180 - 604mm / 7 - 24" (optional up to 42")	180 - 604mm / 7 - 24" (optional up to 42")
Idle speed	rpm	2 - 9	2 - 9	2 - 14
Length of axial feed	mm / inch	60 / 2.4	60 / 2.4	60 / 2.4
Max operating temperature	°C	55	60	60
Max acoustic radiation	dB	75	45	55
Pneumatic Motor Power	hp	3.5	n/a	5.4
Air Consuming Flux	cfm / l/min.	90 / 2500	n/a	n/a
Air working pressure	psi / bar	90 / 6.5	n/a	n/a
Air Hose Connection	inches	¾"	n/a	n/a
Servo Electric Motor Power	kw	n/a	1.5	n/a
Voltage	volt	n/a	110 or 220	Refer to Hydraulic Power Pack
Frequency	Hz	n/a	50 / 60	Refer to Hydraulic Power Pack
Remote Control	Yes / No	No	Yes	Yes
Forward / Reverse	Yes / No	No	Yes	Yes
Unit weight	kg / lbs	214 / 471	216 / 476	210 / 462
Packing dimensions L x W x H	mm	1200 x 840 x 910	1200 x 840 x 910	1200 x 840 x 910
Packing weight	kg / lbs	412 / 908	424 / 935	408 / 900

Our group policy is one of continuous improvement. Products and data tables are subject to change or vary from those illustrated.

- 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 are also supplied as standard.
- Each machine is supplied with a protective custom built box.
- Pneumatic machine must be used with filter lubricator and oil - use without will void warranty.



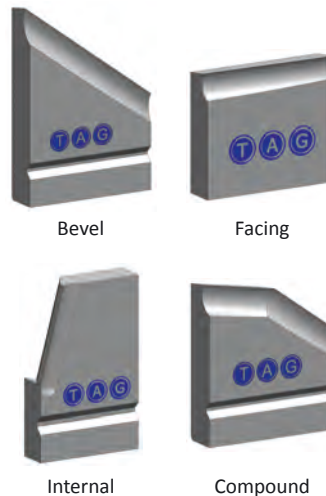
DIMENSIONS



DIMENSIONS		PNEUMATIC	SERVO ELECTRIC	HYDRAULIC
ØA	mm	550	550	550
B	mm	580	580	580
C	mm	1005	955	855

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT (Recommended)



All shapes, sizes and angles available



PREP 16 AND PREP 24 ELBOW / FITTINGS

Portable Elbow and Fitting Machine

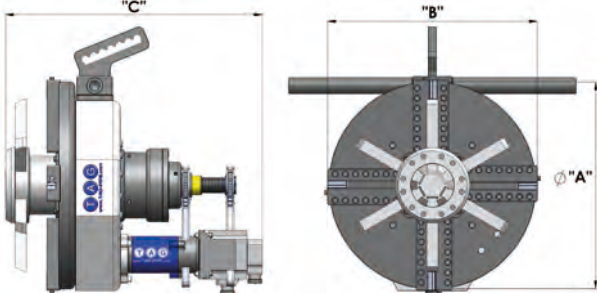
The TAG PREP 16 ELBOW / FITTINGS and TAG PREP 24 ELBOW / FITTINGS complete machine enables bevelling, J-preps, counter boring and facing on elbows and pipe fittings, due to it's heavy duty yet compact shaft and 6 piece locking jaw system. The machines can be supplied in either servo electric, pneumatic or hydraulic.



PREP 16 AND PREP 24 ELBOW / FITTINGS TECHNICAL FEATURES

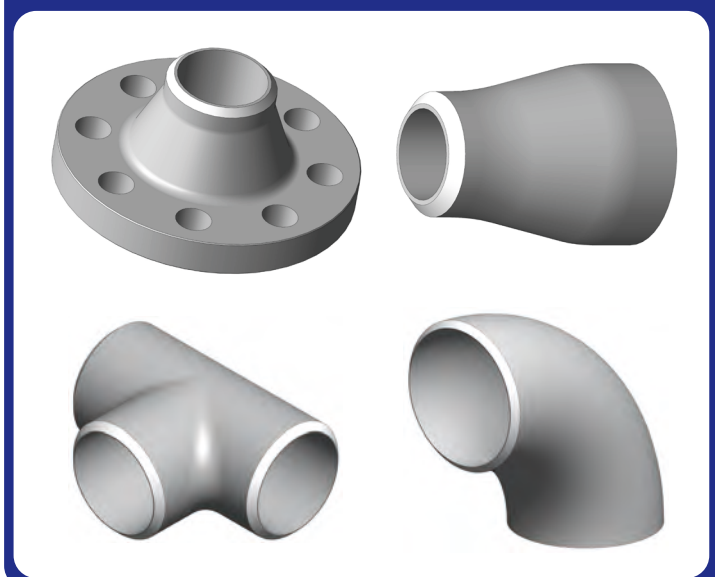
DESCRIPTION	MEASUREMENT	PNEUMATIC	SERVO ELECTRIC	HYDRAULIC
Part Number	n/a	TP16EP	TP16ESE110 / TP16ESE220	TP16EH
Locking tube range	mm / inch (i/d)	130 - 410mm / 5.11 - 16.14"	130 - 410mm / 5.11 - 16.14"	130 - 410mm / 5.11 - 16.14"
Part Number	n/a	TP24EP	TP24ESE110 / TP24ESE220	TP24EH
Locking tube range	mm / inch (i/d)	210 - 600mm / 8.26 - 23.62"	210 - 600mm / 8.26 - 23.62"	210 - 600mm / 8.26 - 23.62"

DIMENSIONS PREP 16/24 ELBOW / FITTINGS



	DIMENSIONS		PNEUMATIC	SERVO ELECTRIC	HYDRAULIC
PREP 16	ØA	mm	323	323	323
	B	mm	407	407	407
	C	mm	705	650	550
PREP 24	ØA	mm	550	550	550
	B	mm	580	580	580
	C	mm	755	705	605

EXAMPLES OF FITTINGS





PANEL PREP MACHINES

O/D Pipe Beveling Machine

RANGE: 8 to 108mm (0.5 - 4")

- **Functions:** External beveling / internal beveling / facing / counter-boring / weld removal
- **Material:** Steel, stainless steel, duplex, high alloyed

The TAG PANEL PREP attaches to the tube outside diameter by means of custom or specific o/d clamp type jaws that provide strong clamping action that minimizes chatter and vibration.

It is designed for maximum comfort, efficiency, safety, and ease of use. The feed wheel handle enables the operator to comfortably feed the tool during beveling or facing. The TAG PANEL PREP is suitable for small bore heavy wall tubes with a high percentage of chrome, stainless steel, and other exotic alloys.

The machine can be used for standard beveling applications and for opposite tubes.

MODEL	PIPE O/D RANGE	PART NO PNEUMATIC	PART NO ELECTRIC
TAG Panel Prep 2	8 - 53mm / 0.3 - 2"	TPP2P	TPP2E
TAG Panel Prep 2.5	20 - 63mm / 0.8 - 2.5"	TPP2.5P	TPP2.5E
TAG Panel Prep 3	25 - 73mm / 1 - 3"	TPP3P	TPP3E
TAG Panel Prep 3.5	30 - 83mm / 1.2 - 3.5"	TPP3.5P	TPP3.5E
TAG Panel Prep 4	50 - 108mm / 2 - 4"	TPP4P	TPP4E



Pneumatic



Electric 220 or 110v



Clamping Jaws

MODEL	MEASUREMENT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
TAG Panel Prep 2	O/D mm	8	10	12	14	16	18	20	22	25	28	32	38	42	44.5	48	51	53
TAG Panel Prep 2.5	O/D mm	20	22	25.4	28	32	38	42	44.5	48	51	56	57	60	63	n/a	n/a	n/a
TAG Panel Prep 3	O/D mm	25.4	28	32	38	42	44.5	48	51	57	60	63	68	70	73	n/a	n/a	n/a
TAG Panel Prep 3.5	O/D mm	25.4	28	32	38	42	44.5	48	51	57	60	63	68	70	73	76	83	n/a
TAG Panel Prep 4	O/D mm	50	54	57	60	63	68	70	73	76	83	89	95	108	n/a	n/a	n/a	n/a

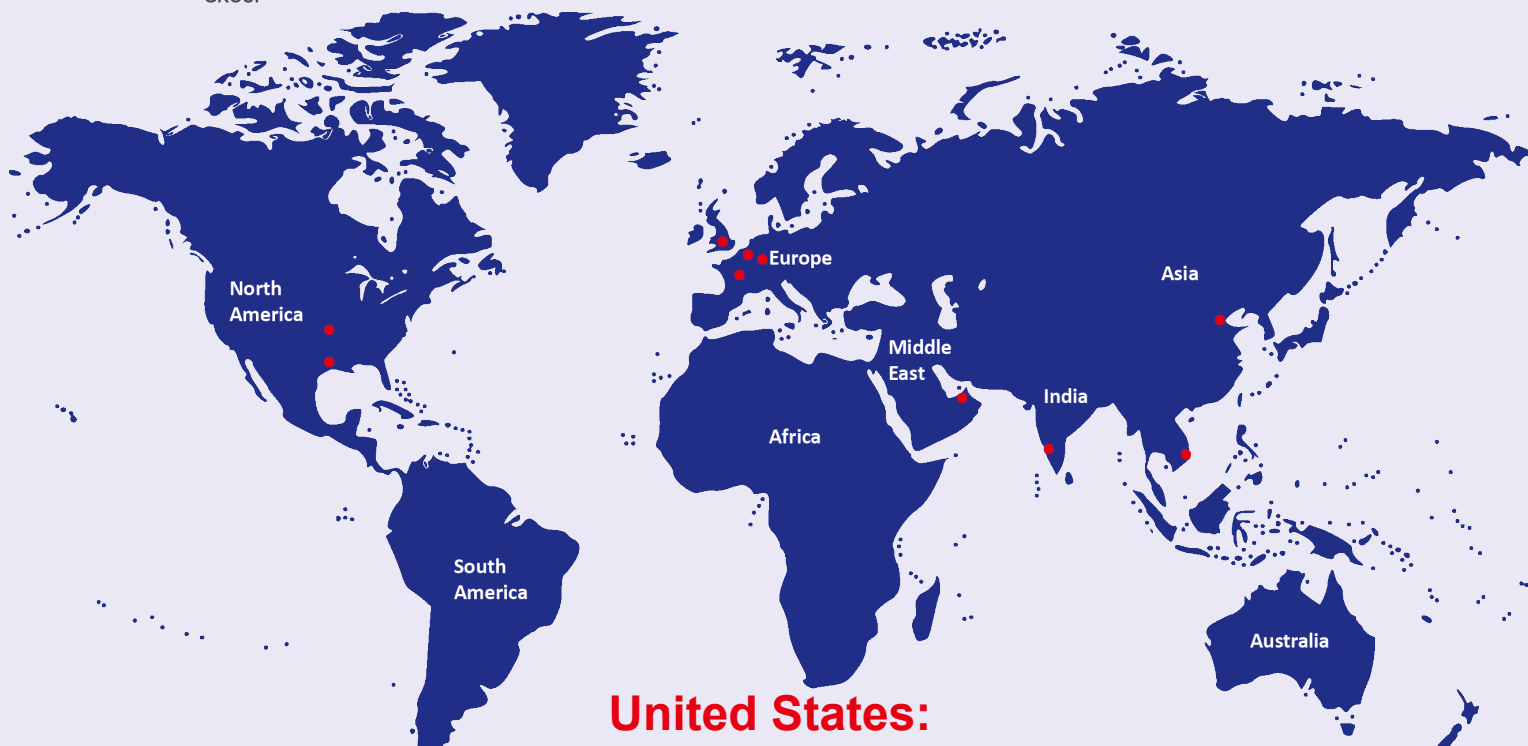
One clamping jaw is only for one specific pipe size - specials can be made upon request

www.TAG-PIPE.com



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OUR BRANDS



PIPE EQUIPMENT SPECIALISTS

