



PIPE EQUIPMENT SPECIALISTS LTD PIPE MACHINERY PRODUCT CATALOGUE

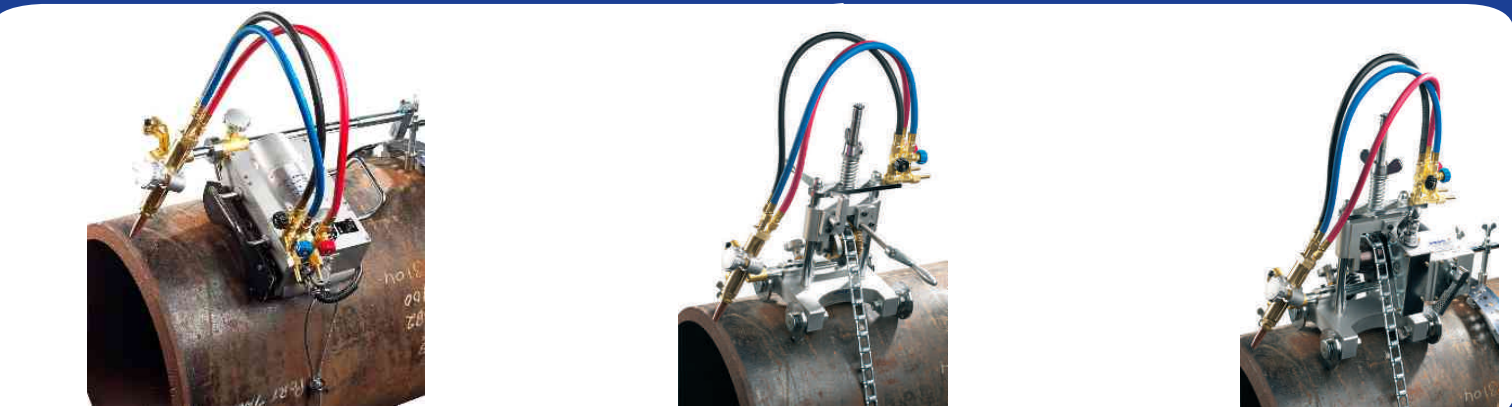
PIPE BEVELLING MACHINES



PIPE CUTTING MACHINES



PIPE FLAME CUTTING MACHINES





PIPE EQUIPMENT SPECIALISTS LTD

FROM PIPE CUTTING, TO BEVELLING, TO ALIGNING, TO PURGING, TO HANDLING: TAG PIPE OFFER THE SOLUTIONS AND EXPERTISE TO MAKE YOUR JOB FASTER, EASIER, MORE ACCURATE AND MORE EFFICIENT FOR BOTH WORKSHOP AND ON SITE ENVIRONMENTS.

With more than 30 years experience in the manufacture and supply of pipework fabrication machinery, tools and handling equipment and due to our consistent high level of quality, both in our products and service, **TAG PIPE EQUIPMENT SPECIALISTS LTD** are pleased to be recognised as one of the worlds leading manufacturers and suppliers of:

PRODUCTS:

- Pipe Beveling Machines
- Pipe Cold Cutting Machines
- Pipe Flame Cutting and Beveling Machines
- Pipe Alignment/Welding Clamps
- Pipe Jack Stands
- Pipe Purging Equipment
- Pipe Tools
- Pipe Stoppers
- Plate Beveling Machines
- Manipulation Equipment

Our products are used in both workshop and on-site environments across various Industries worldwide including:

INDUSTRIES:

- Oil And Gas
- Pipelines
- General Fabrication
- Offshore
- Welding
- Ship Building
- Vessel Manufacturing
- Power Generation
- Boiler Industry
- Petrochemical
- Pharmaceutical
- Refineries
- Turbine
- Nuclear
- Heat Exchangers
- Dairy
- And Many More...

With offices and warehousing on 4 continents and more than 120 distributors worldwide **TAG PIPE** prides it's self on consistently offering the highest standard of service to our customers. We work extremely hard supporting and training our network of distributors to ensure that from **TAG PIPE** you receive the:

CUSTOMER SERVICE:

- Highest Quality Products
- Fastest Response Times
- Quickest Delivery Times
- Competitive Prices
- Most Knowledgeable & Accurate Sales Advice
- Committed After Sales Support
- Innovative And Ever Improving Designs and New Products

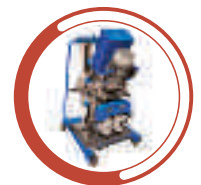


All The Equipment In This Brochure Is Available For Hire Worldwide

TAG PIPE EQUIPMENT SPECIALISTS LTD operate a Full, Worldwide Hire & Rental Service, and is are world leading supplier to many of the world's leading power utilities companies and sub-contractors, utilising our extensive range of pipework fabrication equipment.

Our hire fleet is constantly expanding and improving. A new investment in a tailored hire software system has been made to simplify all of your hire needs. Please contact our Hire Department via any of these means:

Tel: +44 (0) 1869 324 144 • E-mail: hire@tag-pipe.com



www.TAG-PIPE.com

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

TAG PREP 2

Portable Pipe Beveling Machine

RANGE: 20 - 42 mm i/d
Optional from 12,5 mm i/d)

- **Functions:** External Beveling
internal Beveling
Facing
Counterboring.
Weld Removal
J-prepping Of tubeplate
- **Materials:** Any kind of steel and Exotic alloy
- **Power:** Pneumatic/Electric (110v or 220v)

The smallest in our range of i/d locking, direct in-line feed end prep machines. The Prep 2 is small, lightweight, yet powerful, in electric(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 & internal beveling and facing of tubes is simple, ideal for accurate repetitive work.

Its 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.



Features & Advantages

The PREP 2 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 is tightened, the jaws expand, locking tightly, and square to the bore of the pipe.



TECHNICAL FEATURES

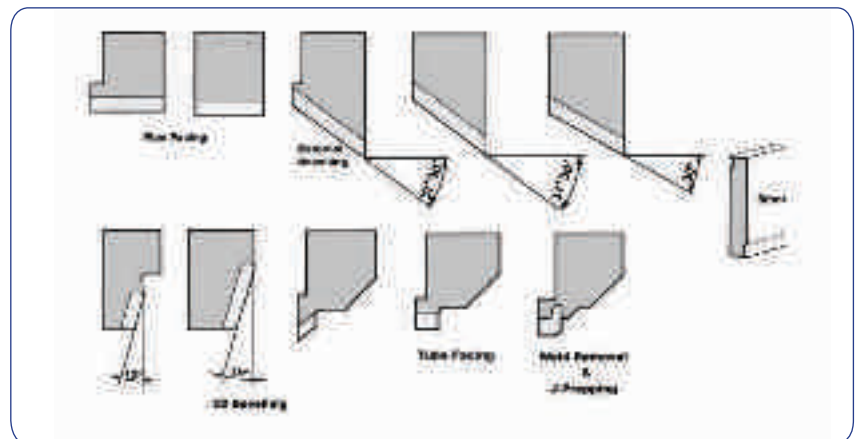
		pRep 2	pRep 2 e
Locking tube range	mm (i/d.)	20-42	20-42
Recommended working range	mm (o/d.)	1/2" -1 1/2"	1/2"-1 1/2"
Idle speed	rpm	200	220
Torque	kgm	2.5	3.6
Length of axial feed	mm	24	24
Max operating temperature	c°	55	55
Max acoustic radiation	dB	80	80
Pneumatic motor power	hp	0.5	-
Air consumption	cfm	20	-
Air working pressure	psi	90	-
Air hose connection	inches	1/2"	-
Electric motor power	watt	-	720
Voltage	volt	-	110/220
Frequency	Hz	-	50/60
Unit weight	kg	4,8	5,5
Packing dimensions	mm	570x420x100	570x420x100
Packing weight	kg	10.5	11.5

- 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 carrying case.
- We strongly recommend the use of a portable filter lubricator with all our pneumatic models.

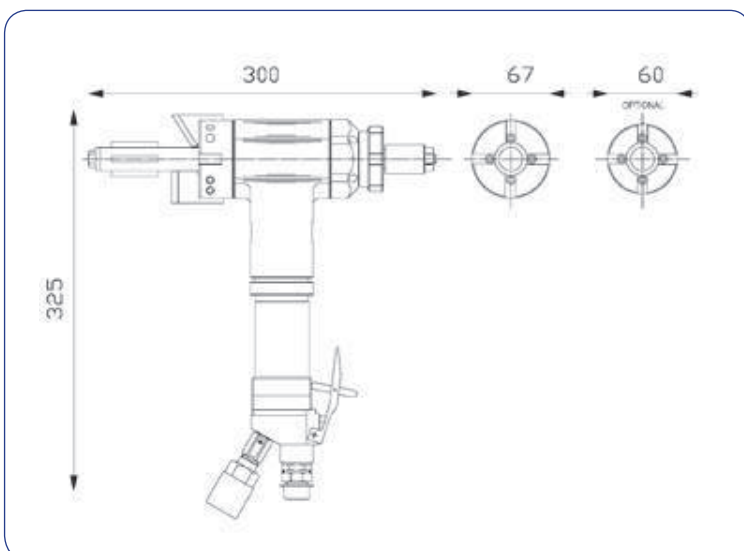


CUTTING TOOLS

tag pipe offer 2 grades of standard tooling, which will cope with the majority of beveling applications when working with carbon or stainless steel. specialist geometry (specific angles, radii, compound transition) bevel tools and tools for machining specially hard materials are also available.



dimensions



OPTIONS

REDUCED SHAFTS

With a choice of interchangeable tops to cover a range from 12,5 mm to 21 mm i/d.



Shaft	(ø i.) mm	Locking range (i/d.) inches
12,4 Ø	12,5 - 15	0.49 - 0.59
13,9 Ø	14 - 18	0.55 - 0.71
16,9 Ø	17 - 21	0.67 - 0.83
KIT	12,5 - 22	0.49 - 0.83

TAG PREP 3

Portable Pipe Beveling Machines

RANGE: 28 - 76 mm i/d
(optional from 20 mm i/d)

- **Functions:** External Beveling
internal Beveling
Facing
Counterboring
Weld Removal
J-prepping Of tubeplate
- **Materials:** Any kind of steel and Exotic alloy
- **Power:** Pneumatic/Electric(110v or 220v)

The prep 3 is one of our most popular i/d locking, inline feed end prep machines. The prep 3's power to weight ratio, in electric(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 3 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.



TECHNICAL FEATURES

		pRep 3	pRep 3 E
locking tube range	mm (i/d.)	28-76	28-76
Recommended working range	" (o/d.)	1"-3"	1"-3"
idle speed	rpm	110	70
torque	kgm	8,5	14,1
length of axial feed	mm	40,5	40,5
max operating temperature	c°	55	55
max noise level	dB	80	80
pneumatic motor power	hp	0,80	-
air consumption	cfm	34-36	-
air working pressure	psi	20	-
air hose connection	inches	1/2"	-
electric motor power	watt	-	900
Voltage	volt	-	110/220
Frequency	Hz	-	50/60
unit weight	kg	8,2	9,2
packing dimensions	mm	630x500x130	630x500x130
packing weight	kg	19.5	20.5

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 metal carrying case.

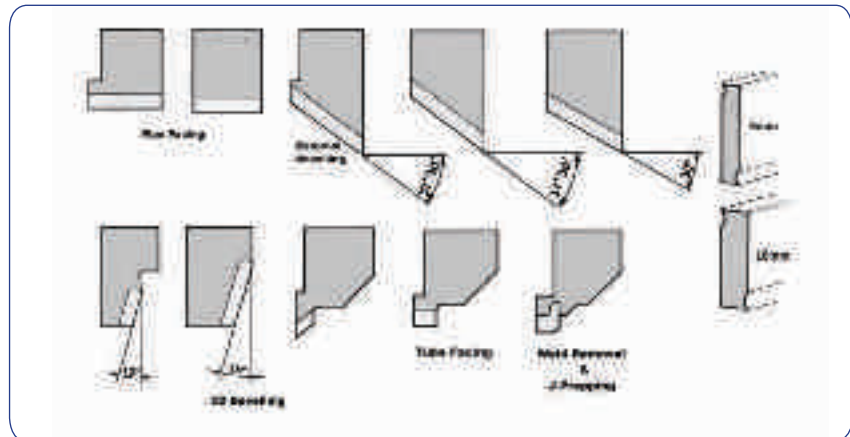
We strongly recommend the use of a portable filter lubricator with all our pneumatic models.



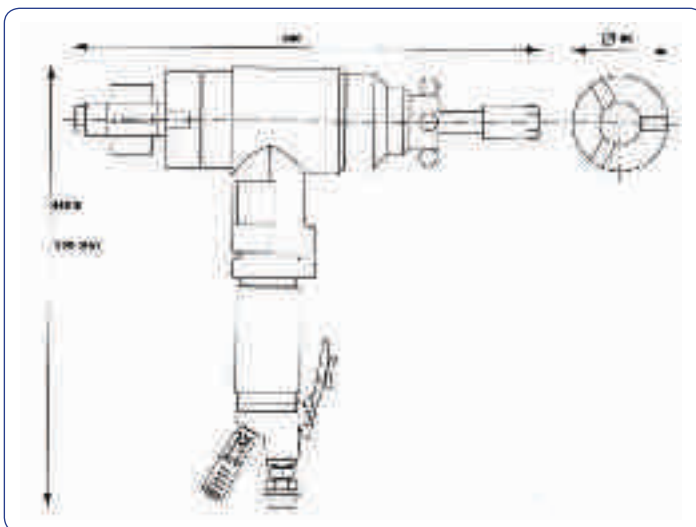
CUTTING TOOLS

Tag Pipe offer 2 grades of standard tooling, which will cope with the majority of beveling applications when working with carbon or stainless steel.

Specialist geometry (specific angles, radii, compound transition) bevel tools and tools for machining specially hard materials are also available.



DIMENSIONS



OPTIONS

REDUCED SHAFT
to lock the machine into smaller tube from 20 to 30 mm i/d.'s.

Shaft	(ø i.) mm	Locking range (i/d.) inches
20 ø	20 - 30	0.79 - 1.18

TAG PREP 4

Portable Pipe Beveling Machines

RANGE: 20 - 108 mm i/d

- **Functions:** External Beveling
Internal Beveling
Facing
Counterboring
Weld Removal
J-Prepping Of Tubeplate
- **Materials:** Any kind of steel and Exotic Alloy
- **Power:** Pneumatic/Electric(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(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.



TECHNICAL FEATURES

		PreP 4 P	PrEP 4 E
Locking tube range	mm (i/d.)	20-108	20-108
Recommended working range	" (o/d.)	1"-4"	1"-4"
Idle speed	rpm	70	70
Torque	kgm	9,5	15,1
Length of axial feed	mm	40,5	40,5
Max operating temperature	c°	55	55
Max noise level	dB	80	80
Pneumatic motor power	hp	1,33	-
Air consumption	cfm	34-36	-
Air working pressure	psi	90	-
Air hose connection	inches	3/4"	-
Electric motor power	watt	-	900
Voltage	volt	-	110/220
Frequency	Hz	-	50/60
Unit weight	kg	8.8	9,8
Packing dimensions	mm	600x570x200	600x570x200
Packing weight	kg	32.5	33.5

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 metal carrying case.

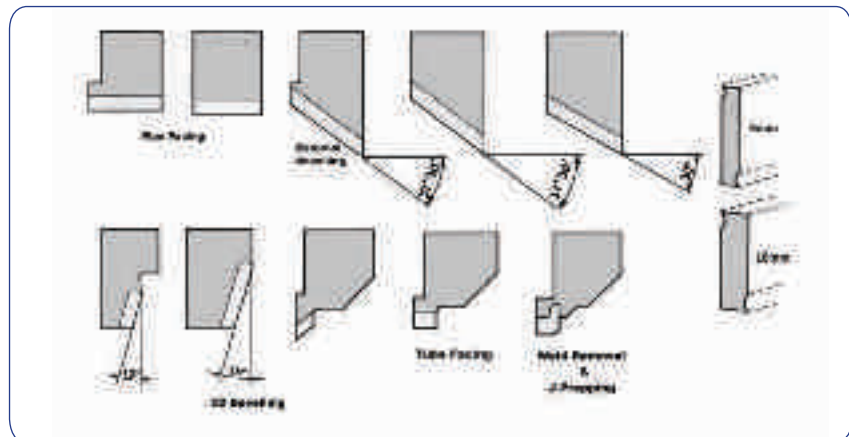
We strongly recommend the use of a portable filter lubricator with all our pneumatic models.



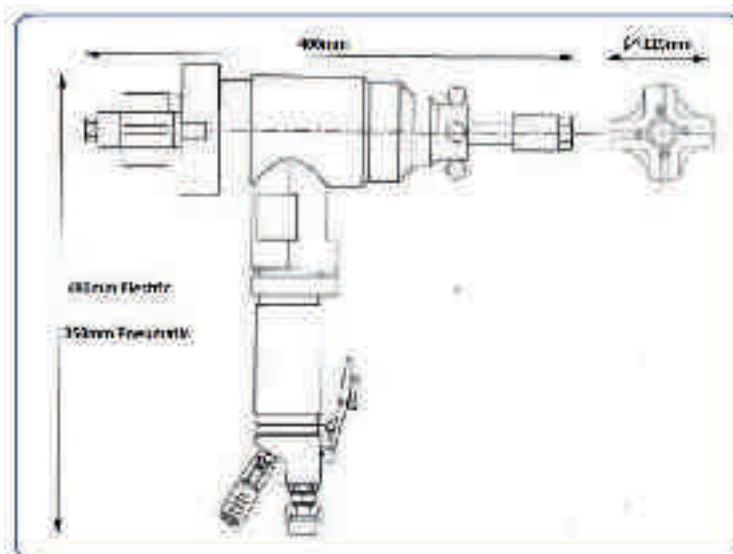
CUTTING TOOLS

Tag Pipe offer 2 grades of standard tooling, which will cope with the majority of beveling applications when working with carbon or stainless steel.

Specialist geometry (specific angles, radii, compound transition) bevel tools and tools for machining specially hard materials are also available.



DIMENSIONS



TAG PREP 8

Portable Pipe Beveling Machine

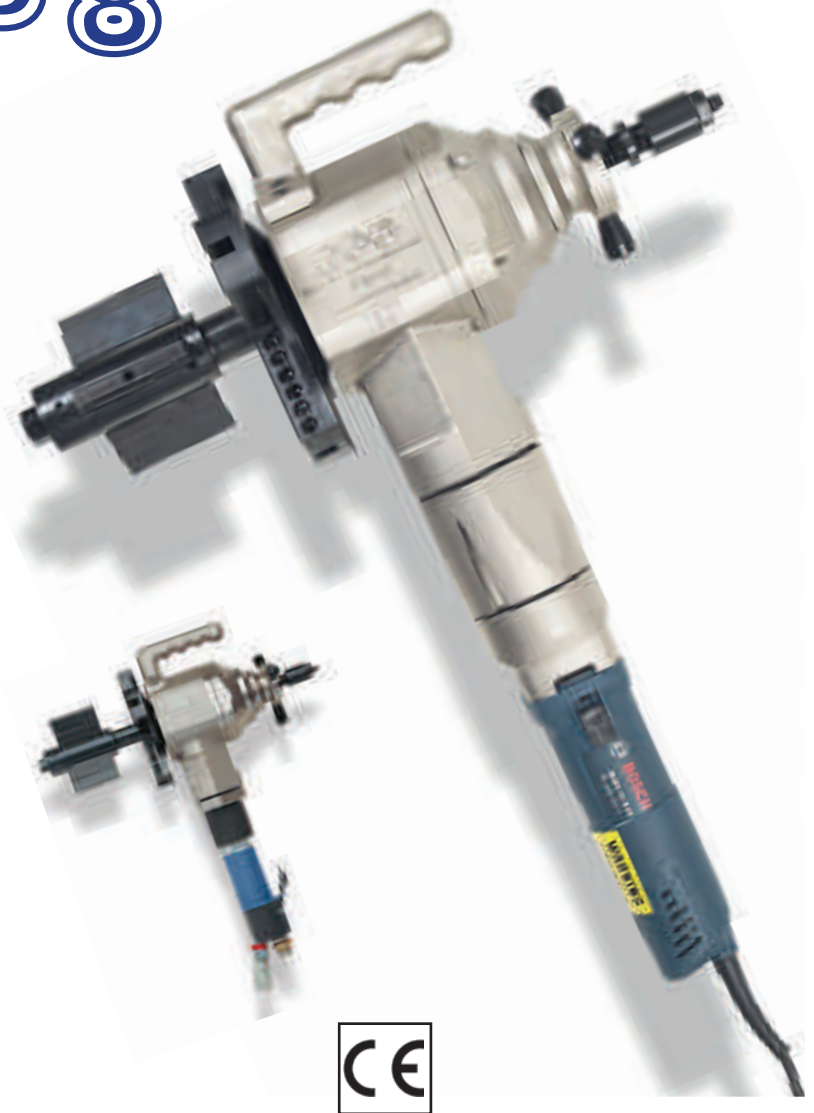
Range: 50 - 203 mm i/d

- **Functions:** External Beveling
internal Beveling
Facing
Counterboring.
Weld Removal
J-Prepping & Compound Bevels
- **Materials:** Any kind of steel and Exotic alloy
- **Power:** Pneumatic/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" to 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 & tube.

the prep 8 is a real workhorse its size, power, and functionality, make it extremely popular in high volume heavy duty beveling applications, on site, or in the fabshop.



Features & Advantages

the pRep 8 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 is tightened, the jaws expand, locking tightly, and square to the bore of the pipe.



TECHNICAL FEATURES

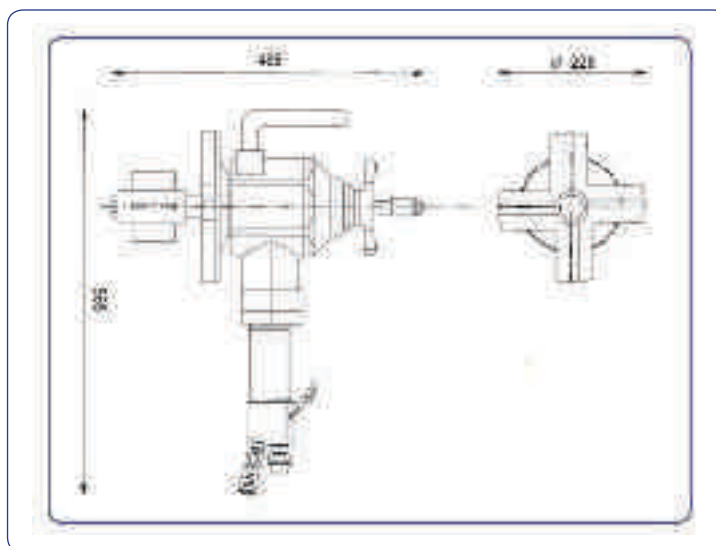
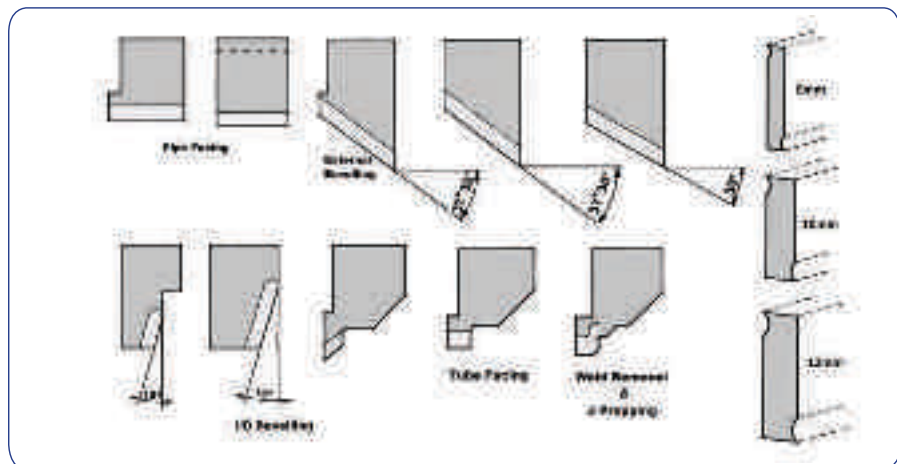
		Pneumatic	Electric
Locking tube range	mm(i/d.)	50-203	50-203
Recommended working range	" (o/d.)	2"-8"	2"-8"
Idle speed	rpm	45	30
Torque	kgm	36	36
Length of axial feed	mm	40	40
Max operating temperature	c°	55	55
Max noise level	dB	75	75
Pneumatic motor power	hp	1.8	-
Air consumption	cfm	50-55	-
Air working pressure	psi	90	-
Air hose connection	inches	3/4"	-
Electric motor power	watt	-	1800
Voltage	volt	-	110/220
Frequency	Hz	-	50/60
Unit weight	kg	22	24
Packing dimensions	mm	740x550x235	740x550x235
Packing weight	kg	39	40

- 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 metal carrying case.
- We strongly recommend the use of a portable filter lubricator with all our pneumatic models.



CUTTING TOOLS

Tag Pipe offer 2 grades of standard tooling, which will cope with the majority of beveling applications when working with carbon or stainless steel. Specialist geometry (specific angles, radii, compound transition) bevel tools and tools for machining specially hard materials are also available.



OPTIONAL

ELBOW LOCKING SHAFTS

Available to cover a range from 46 to 207 mm i/d.



Shaft	(ø i.) mm	Locking range (i/d.) inches
45 ø	46 - 103	1.81 - 4.06
99 ø	99 - 207	3.90 - 8.15
45+99 kit	46 - 207	1.81 - 8.15

TAG PREP 16

Portable Pipe Beveling Machine

RANGE: 72 -406 mm (2,8" - 16")

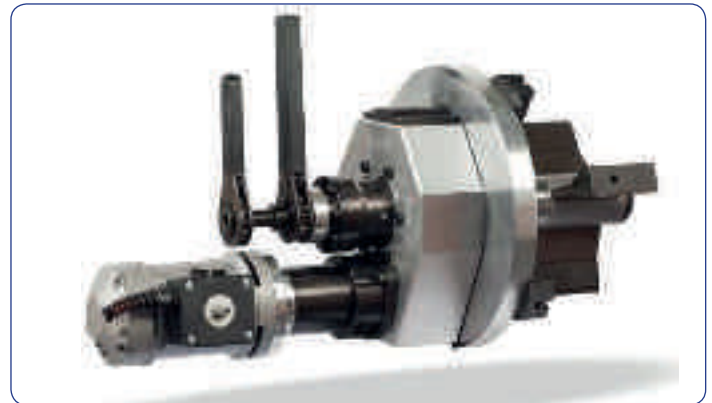
- z **Functions:** External Beveling
z internal Beveling
Facing
Counterboring.
Weld Removal
J-prepping & compound Bevels
- z **Materials:** Any kind of steel and Exotic alloy
- zz **Power:** Pneumatic/Electric.(110v or 220v)



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

Offering ratchet i/d jaw locking, as well as Ratchet bevel feed control for effortless heavy wall preps. Offered with a 3 HP Pneumatic or 1750 Watt electric motor any bevel geometry can be performed within the impressive 3-16 inch 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 brothers, the Prep 20, and Prep 24, all utilise ratchet feed and locking. This allows effortless set-up, and enables the operator to deliver consistent feed with minimal effort .



To enable ease of set up, the machine is equipped with a double-sided yoke with removable extensions so the machine can be easily installed, and removed from the pipe.



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.



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



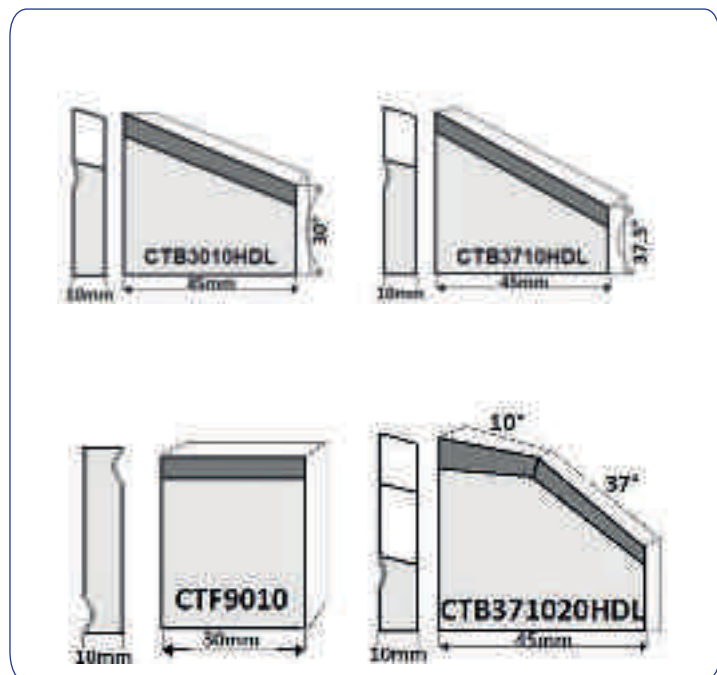
The Prep 16 has unrivalled power and stability, utilising a ratchet system for both jaw locking, and bevel feed.



The PREP 16 can also be supplied as an electric version, with a 1750 watt heavy duty, in-line or right angle motor drive. Or a heavy duty 3.0 Hp Pneumatic motor

CUTTING TOOLS

Tag Pipe offer 2 grades of standard tooling, which will cope with the majority of beveling applications when working with carbon or stainless steel. Specialist geometry bevel tools and tools for machining specially hard materials are also available.



TECHNICAL FEATURES

	MEASUREMENT	SPECIFICATION
I.D Locking range	mm / "	72-385 / 2,8-15.1
Pipe Beveling Range	mm / "	72-406 / 2,8-16
Feed stroke	mm / "	50 / 2
Power	kW / HP	2,2 / 3,0
Air consumption	cfm / min	70 / 2,2m ³
Air pressure	PSI / Bar	90 / 6,2
Machine Weight	kg / Lbs	57 / 125
Machine Dimensions	mm / "	700x 390x 390 / 27.5x 15.4 x 15.4
Total Shipping Weight	kg / Lbs	95 / 210
Total Shipping Dimensions	mm / "	760x500x560 / 29.9x19.7 x 22.1



PREP 20

Portable Pipe Beveling Machine

RANGE: 100 -500 mm (4 - 20")

- z **Functions:** External
 - z Beveling
 - z Internal Beveling
 - z Facing
 - z Counterboring.
 - z Weld Removal
 - z J-Prepping & Compound Bevels

z **Materials:** Any kind of steel and Exotic alloy

zz **Power:** Pneumatic/Electric.(110v or 220v)

The Prep 20 is the Second in TAG's new range of a heavy duty mid-large diameter beveling machines.

Offering ratchet i/d jaw locking, as well as Ratchet bevel feed control for effortless heavy wall preps. Offered with a 3.5 HP Pneumatic boasting 7500Nm Torque or 3200 Watt electric motor any bevel geometry can be performed within the impressive 4-20 inch 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 20 is ideal for on-site, off shore, nuclear, and other applications where precision welds are required at an incredible value.



Self-centering 100mm (4") one piece locking shaft with built in jaws, eliminates the issue of broken or loosening retaining springs and o-rings.



The Prep 20, like the Prep 16 and Prep 24 utilize ratchet feed, and locking. This allows effortless setup, and enables the operator to deliver consistent feed with minimal effort.



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



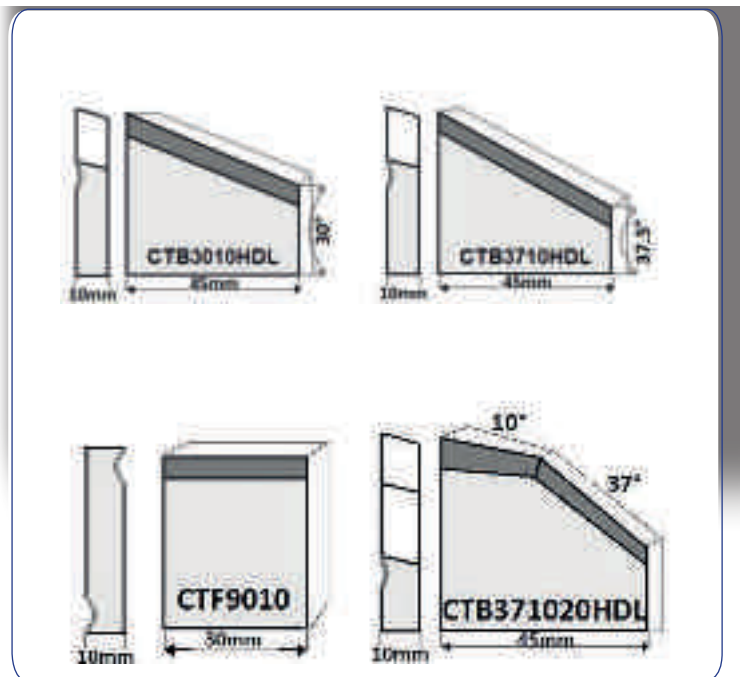
The Prep 20 has unrivalled power and stability, utilising a ratchet system for both jaw locking, and bevel feed.



The PREP 20 can also be supplied as an electric version, with a 3200 watt heavy duty, in-line or right angle motor drive. Or a heavy duty 3.5 Hp Pneumatic motor

CUTTING TOOLS

Tag Pipe offer 2 grades of standard tooling, which will cope with the majority of beveling applications when working with carbon or stainless steel. Specialist geometry bevel tools and tools for machining specially hard materials are also available.



TECHNICAL FEATURES

	MEASUREMENT	SPECIFICATION
I.D Locking range	mm / "	100-500 / 3.9-19.7
Pipe Bevelling Range	mm / "	100-508 / 4.0-20.0
Feed stroke	mm / "	60 / 2.4
Power	kW / HP	2,61 / 3,5
Air consumption	cfm / min	85 / 2,8m ³
Air pressure	PSI / Bar	90 / 6,2
Machine Weight	kg / Lbs	88 / 194
Machine Dimensions	mm / "	860x 480x 480 / 33.9x 18.9 x 18.9
Total Shipping Weight	kg / Lbs	95 / 210
Total Shipping Dimensions	mm / "	970x 630x 675 / 38.2x 24.8 x 26.6



PREP 24

Portable Pipe Beveling Machine

RANGE: 180 -609 mm (7 - 24")

- z **Functions:** External
 - z Beveling
 - z Internal Beveling
 - z Facing
 - z Counterboring.
 - z Weld Removal
 - z J-Prepping & Compound Bevels
- z **Materials:** Any kind of steel and Exotic alloy
- zz **Power:** Pneumatic/Electric.(110v or 220v)

The TAG PREP 24 is the largest in TAG's new range of a heavy duty mid-large diameter beveling machines. Offering ratchet i/d jaw locking, as well as Ratchet bevel feed control for effortless heavy wall preps. Offered with a 3.5 HP Pneumatic boasting 12500Nm Torque or 3200 Watt electric motor any bevel geometry can be performed within the impressive 7-24 inch 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.



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.



The PREP 24, as the Prep 16 and 20 utilize ratchet feed, and locking. This allows effortless set-up, and enables the operator to deliver consistent feed with minimal effort .



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



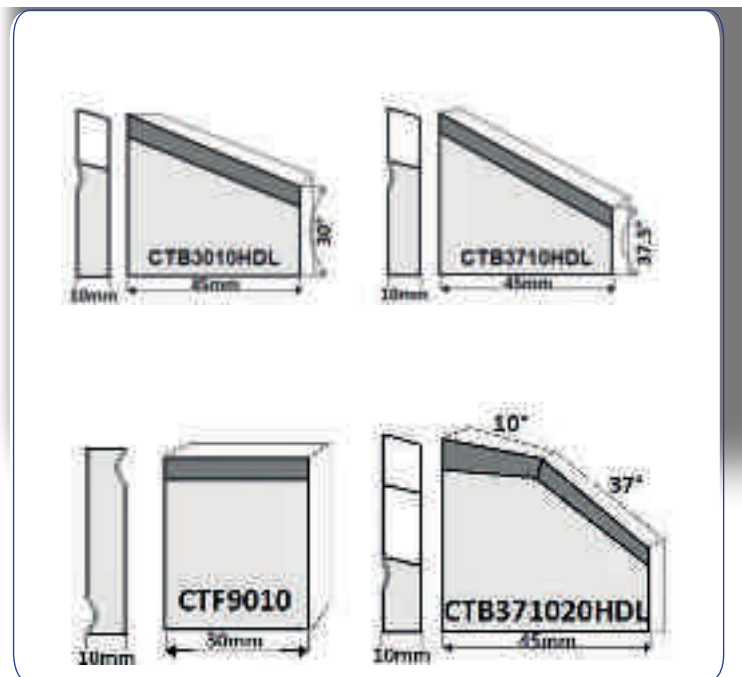
The PREP 24 has unrivalled power and stability, utilising a ratchet system for both jaw locking, and bevel feed.



The PREP 24 can also be supplied as an electric version, with a 3200 watt heavy duty, in-line or right angle motor drive. Or a heavy duty 3.5 Hp Pneumatic motor

CUTTING TOOLS

Tag Pipe offer 2 grades of standard tooling, which will cope with the majority of beveling applications when working with carbon or stainless steel. Specialist geometry bevel tools and tools for machining specially hard materials are also available.



TECHNICAL FEATURES

	MEASUREMENT	SPECIFICATION
I.D Locking range	mm / "	180-600 / 7-23.6
Pipe Bevelling Range	mm / "	180-609 / 7-24.0
Feed stroke	mm / "	60 / 2.4
Power	kW / HP	2,61 / 3,5
Air consumption	cfm / min	95 / 2,8m ³
Air pressure	PSI / Bar	90 / 6,2
Weight	kg / Lbs	139/ 307
Machine Dimensions	mm / "	940 x 640 x 640 / 37.0x 25.2x 25.2
Total Shipping Weight	kg / Lbs	229/ 504
Total Shipping Dimensions	mm / "	1060x780x830 / 41.7x30.7x32.7



PIPE EQUIPMENT SPECIALISTS LTD

ALUMINIUM LIGHTWEIGHT SPLIT FRAME CUTTING & BEVELLING MACHINES 1" to 48"



www.TAG-PIPE.com

ALUMINIUM LIGHTWEIGHT SPLIT FRAME CLAMSHELLS

Portable O/D Locking Cold Pipe Cutting & Bevelling Machines

Range: 1" - 48" o/d

z **Functions:** External Bevelling
internal Bevelling
Counterboring
Compound Bevels

z **Materials:** Any kind of steel and Exotic alloy

zz **Power:** Pneumatic
Electric(110v or 220v)
Hydraulic
NEW ELECTRIC NC SERVO MOTOR



QUICK SPLIT FRAME DESIGN

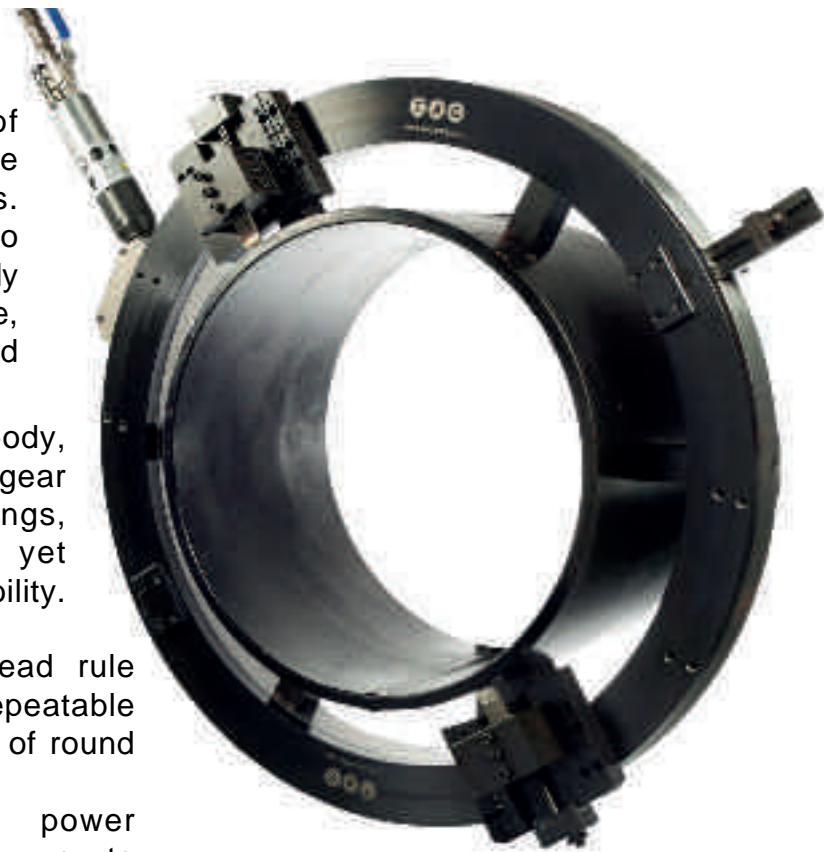


The Basics

taG's new Range of split Frame clamshells are essentially portable lathes. Offering the versatility to cut, and Bevel (simultaneously if required), Face, counterbore, and O/d machine pipes (and vessels) of almost any diameter.

a lightweight aluminium body, encases a steel inner ring gear running on solid bearings, ensuring manageability, yet extreme strength and durability. coupled with wide, hardened clamping feet, with easy read rule marks, enable rapid, repeatable concentric setup, even on out of round pipes and joints.

a range of tooling, power units, and accessories allow you to tailor your machine to your particular job.



Features & Advantages

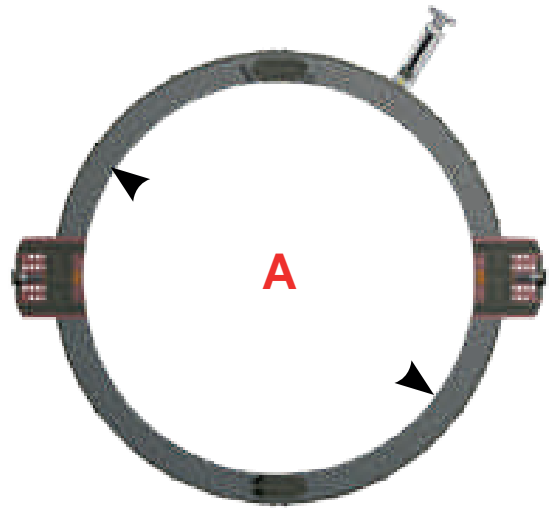
- 11 models cover a range from 1" (25.4 mm) to 48" (1219.2 mm) Od
- pneumatic, Hydraulic, standard electric and **NC SERV O Electric Drive** options provide increased versatility
- adjustable heavy duty bearings, combined with easy access maintenance points allow inspection and adjustment.
- clamping Feet are quickly and easily adjusted via a flush Hex head through the outer ring. Feet feature easy read measure marks for rapid setup & adjustment
- taG clamshells accept a wide range of accessories to increase performance and expand machine capabilities
- unique 'taG transmission tool slides' with changeable gears for adjustable Radial tool feed.



Options List

THE RANGE

Model	(A) Mounting Min Max	
	TSF6	1 - 6"
TSF8	2 - 8"	(50.8 - 219.0 mm)
TSF12	6 - 12"	(168.3 - 323.0 mm)
TSF16	10 - 16"	(254.0 - 406.4 mm)
TSF18	12 - 18"	(323.9 - 457.2 mm)
TSF20	14 - 20"	(355.6 - 508.0 mm)
TSF24	18 - 24"	(457.2 - 609.6 mm)
TSF30	24 - 30"	(609.6 - 762 mm)
TSF36	30 - 36"	(762 - 914.4 mm)
TSF42	36 - 42"	(914.4 - 1066.8 mm)
TSF48	42 - 48"	(1066.8 - 1219.2 mm)



TOOLING

t AG's HSsCo range of tooling includes sever, bevel, double-bevel, compound bevel and counter bore tools. t AG tooling is available in a range of different lengths and sizes, to match tooling with application precisely.

We also offer custom designed tooling, special tool steel, and inserts for applications not covered by our standard range.



DRIVE UNITS

to meet t he varying needs of job-sites worldwide, t AG's Clamshell Motors & Drives are available in a range of configurations.

Drive motors are available in hydraulic, pneumatic and electric configurations. Motor mounting flanges are available in straight back(in-line), right angle and front drive reversible options.

The new TAG nc servo motor offers a new level of power from a single phase electric supply



TAG'S NEW ELECTRIC NC SERVO DRIVE MOTOR

tTAG's new s single phase electric nc (numerically c ontrolled) s ervo motor offers a new level of performance and capacity for electric drive power of taG's split Frame range.

a 2 Kilowatt s ervo motor, which, like a 3 phase motor, or Hydraulic drive, does not slow and strain under load. t he s ervo motor, is controlled by a wired, or wireless, d elta touch screen nc control u nit, enabling accurate, infinite Rpm control.

if you carry out the same job regularly with the machine, once you find the optimum performance setting and values, these can be set into the nc c ontrol unit and recalled in the future.



Options List

TAG TRANSMISSION' TOOL SLIDE RANGE

The tool slides are available in various configurations to accept the full range of TAG tooling.

Standard - low profile, lightweight, for tight access situations. utilising standard TAG HSs Co Blade tooling
For Cutting & Beveling all materials up to 25mm w/t.

Heavy Duty - utilising TAG's 25mm square HD HSs Co tool steel for stability and rigidity. Spacing inserts can be positioned behind the tooling for heavy wall step-prep 'V' and Compound bevels.
For Cutting & Beveling of all materials up to 60mm w/t

Heavy Duty O/D Tracking - A bearing wheel housed in the tool slide, is compressed to the O/D of the Pipe by 2 x 150lb springs, ensuring an even, accurate weld prep and root face, by tracking the O/D contour of the pipe. especially advantageous for large diameters and heavier wall thicknesses.

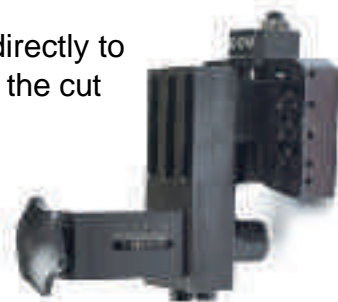
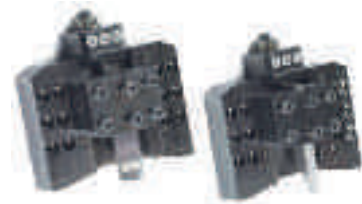
For Cutting & Beveling of all materials of up to 100mm w/t

Counterbore Tool Slide - the counterbore slide module accessory bolts directly to the standard tool slide and can be installed immediately upon completion of the cut & external Bevel, to remove any internal inconsistencies prior to welding. The counterbore tool slide module is available in a range of travel lengths.

'TAG TRANSMISSION' FEED GEARS

a range of different gears are available to adjust the feed rate of the tooling relative to the requirements of the job.

contact one of the taG tech team to discuss your requirements.





PIPE EQUIPMENT SPECIALISTS LTD

ORBITAL PIPE SAWS



www.TAG-PIPE.com

TAG OPS R SERIES

Bench or Stand Mountable Orbital Pipe Saw

Range: 1/4" to 12" (6mm- 300 mm o/d)

- z **Functions:** Straight cutting of Pipes
External Beveling
- z **Materials:** Any kind of steel and Exotic Alloy
- zz **Power:** Electric.(110v or 220v)

TAG bench orbital pipe saws are the low-cost and practical solution to cut and bevel almost all types of metal pipe. Cutting is executed by manually rotating the machine around the pipe. The pipe is cut with one single rotation. It is powered by a powerful and sturdy electric motor equipped with speed regulator. The pipe saws produce a square, burr-free cut that does not require any further dressing.

Features & Advantages

A cam system engages the blade into the cutting position upon initial rotation.

The blade is then effortlessly rotated around the pipe, either manually by the operator, or Automatically at the push of a button with the optional rotation motor (available for the OPS R8 & R12) making the cutting of larger diameter pipes a more productive, less labour intensive process.



The Prismic locking Jaw system ensures 100% square clamping of the pipe, to ensure a 100% square cut.

The Prism jaws are available for working with exotic materials, such as stainless steel, where potential contamination issues from dissimilar materials is unacceptable..

The pipe is secure clamped by the rotation of a square drive, with the removeable handle provided.



TECHNICAL FEATURES

MODEL	OPSR4LITE	OPSR4	OPSR6	OPSR8	OPSR12
Pipe OD	¼"-4"	½"-4"	3"-6"	6"-8"	8"-12"
Wall thickness	0.5-3 mm	1-8 mm	2-10 mm	2-10 mm	2-10 mm
Motor	1000 w	1600 w	1600w	1600w	1600w
Blade RPM	30-150	150-250	150-250	150-250	150-250
Voltage/ Frequency	110/220 V 50/60 Hz	110/220 V 50/60 Hz	110/220 V 50/60 Hz	110/220 V 50/60 Hz	110/220 V 50/60 Hz
Net Weight	22 kg	76 kg	88 kg	104 kg	127 kg

TAG OPS Lite Range

The OPSR 4 is available as a 'Lite' model, suited to regular lighter duty work(see spec)

Much lighter in weight than their HD equivalents, they are easier to move from job to job.

These are highly popular in the hygiene, water and food industries, where thin wall pipes & tubes are most common.



BLADES

CARBON STEEL



STAINLESS STEEL



BEVELLING



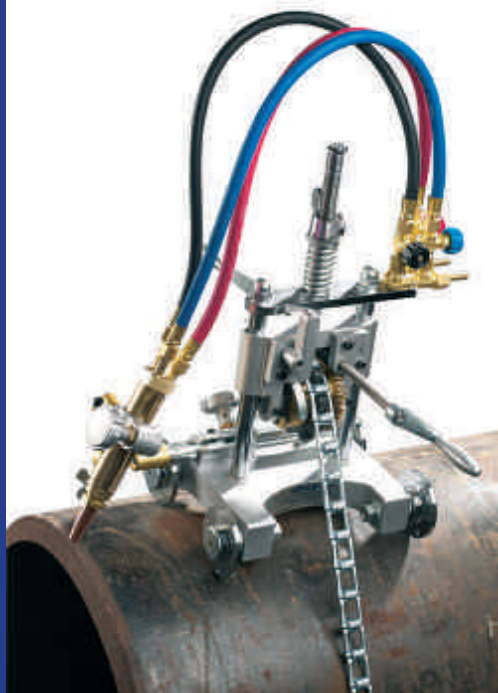
The OPS Series are supplied with a quick release base, ideal for on-site applications, where the Saw may need to be in several locations throughout a project.





PIPE EQUIPMENT SPECIALISTS LTD

E-Z CUT FLAME CUTTING MACHINES



www.TAG-PIPE.com

TAG 'E-Z' PipeCut Manual

Manual Chain Driven Pipe Flame Cutting Machine

4" upwards

TAG's new 'E-Z' Cut portable flame cutting and bevelling chain driven machines are the economical solution for cutting and bevelling pipe from 4" upwards. The 'E-Z' Cut is small and compact, strong and reliable, used by contractors, welders and pipe fitters, equally at home on site or in the workshop.

The TAG 'E-Z' Cut is a straight forward hand operated manual and compact chain -driven pipe cutting machine that provides a smooth, accurate cutting action by incorporating a low gear ratio and worm wheel drive.

The unit also features a quick release Clutch. This allows the operator to disengage the chain from the drive cog for rapid set up and positioning.

This unit is offered as a manual version in standard configuration, or as a Heavy Duty Version, using a Duplex Chain to ensure accurate cutting and bevelling of larger diameter and heavier wall pipes in more difficult conditions.

The TAG 'E-Z' CUT flame cutter will cut 5-50mm thick pipe with a minimum diameter of 4"(100mm). The bevelling head angle can be set quickly and accurately by scale on a rack and pinion.

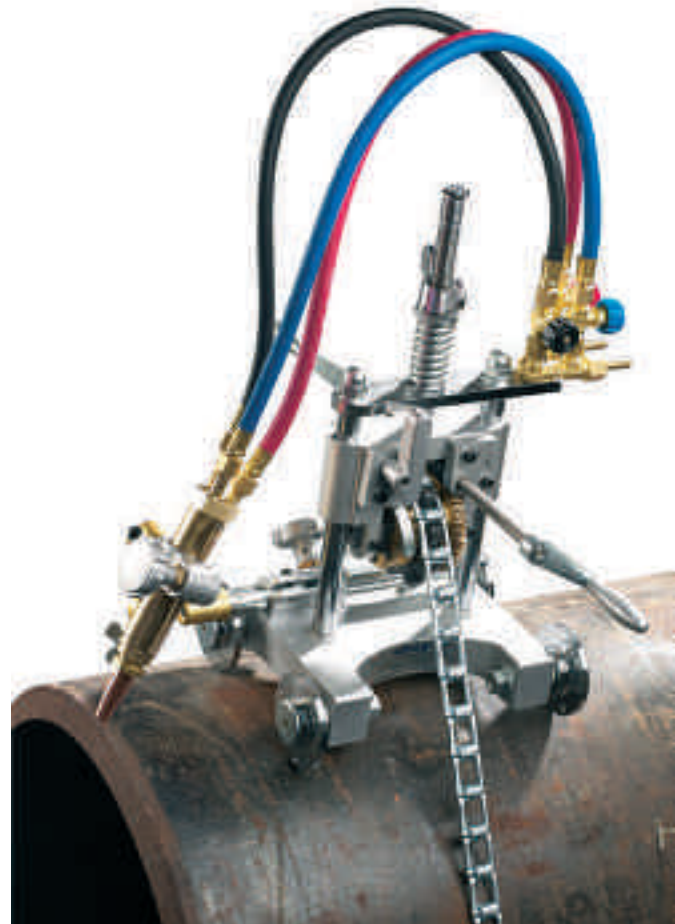
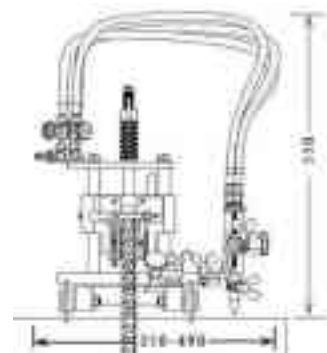
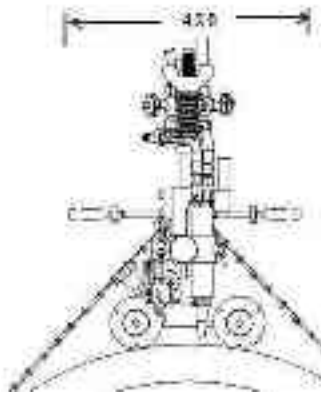
The complete package is supplied together with a length of guide chain suitable for Pipes up to XX".

Technical Specification

Part No:	EZPC
Power Supply	N/A
Pipe Diameter	100mm (4") upwards
Wall Thickness	5 - 50 mm
Torch	Harris/Victor Type Machine Torch
Cut/Bevel Angle	Variable
Vertical Torch +/-	50mm
Lateral Torch +/-	100mm
Wheel Width	210mm
Weight	8.5kg / 18.7lbs
Dimensions	350(l) x 420(w) x 550 (h)mm

Guide Band

For guaranteed square cuts and bevells on pipe diameters larger than 16" we recommend the selection of the optional guide band system to suit the relevant pipe size(s).





'E-Z' PipeCut Auto

Automatic Chain Driven Pipe Flame Cutting Machine

4" upwards

TAG's 'E-Z' Cut is also available as an automatic model. Driven around the pipe by an electric motor with a remote control, once the speed is set correctly to the wall thickness of the pipe the 'E-Z' Cut Auto will cut and bevel the pipe without the need for intervention from the operator.

The 'E-Z' Cut Auto can also be used for cutting exotic materials such as stainless steel, with a plasma system (plasma torch holder available on request).

Available in 110v or 240v power supply.

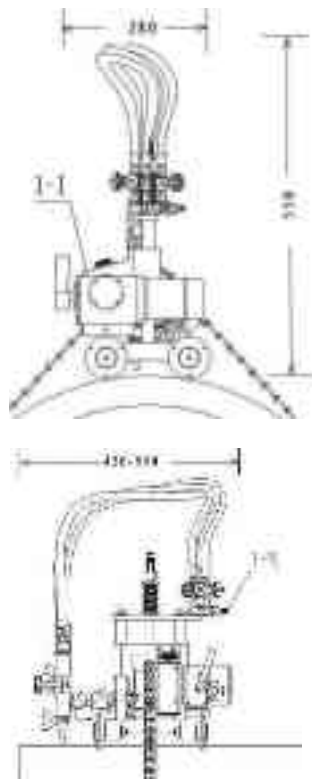
Remote Control

A wired remote is offered as standard, enabling the operator to distance himself from the cut once set.

Especially advantageous for the cutting and bevelling of larger pipes where it is not viable for the operator to physically follow the machine closely around the pipe

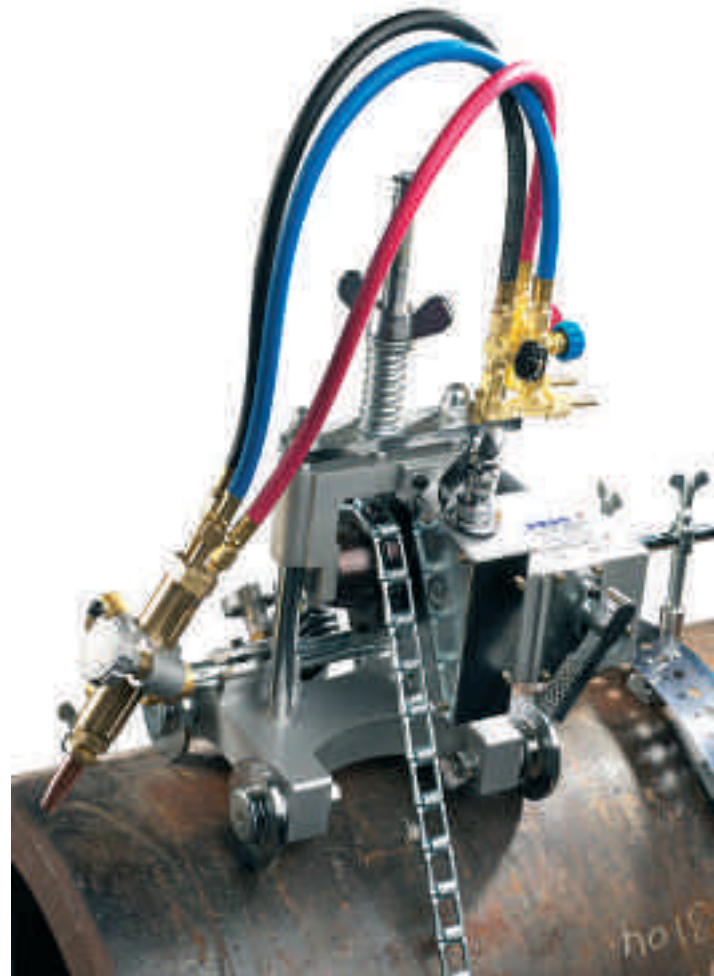
Guide Band

For guaranteed square cuts and bevels on pipe diameters larger than 16" we recommend the selection of the optional guide band system to suit the relevant pipe size(s).



Technical Specification

Part No:	EZPCA1: 110v EZPCA2: 220v
Power Supply	230 V/110V 50-60 Hz
Pipe Diameter	100mm (4") upwards
Wall Thickness	5 - 50 mm
Torch	Harris/Victor Type Machine Torch
Cut/Bevel Angle	Variable
Vertical Torch +/-	50mm
Lateral Torch +/-	100mm
Wheel Width	210mm
Cutting Speed	50 - 1150 mm/min
Weight	16kg / 36lbs
Dimensions	420(l) x 280(w) x 550 (h)mm



TAG 'E-Z' PipeCut Magnetic

Electric Driven Magnetic Pipe Flame Cutting Machine

4" upwards

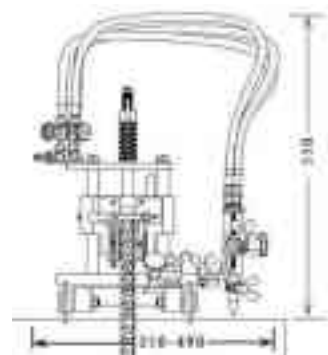
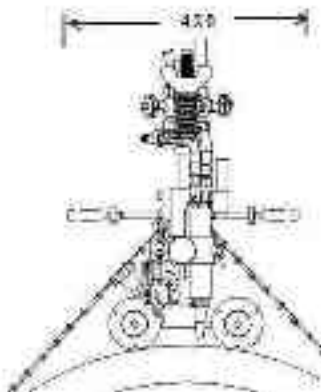
TAG's new 'E-Z' Cut portable flame cutting and bevelling machines are the economical solution for cutting and bevelling pipe from 4" upwards. The 'E-Z' Cut is small and compact, strong and reliable, used by contractors, welders and pipe fitters, equally at home on site or in the workshop.

Two sets of magnetic, electrically driven roller wheels are housed inside the body of the TAG E-Z CUT Magnetic model, these rollers (offering a magnetic absorbability force of over 50kg) ensure the machine stays in contact with the pipe as it travels around the circumference, cutting and bevelling as it goes. The TAG E-Z CUT Magnetic Machine is rugged yet lightweight, so ideal for general use on the jobsite, or in the workshop.

The unit can be supplied to run on 110v or 230v power supplies, and utilises a speed controlled motor.

Guide Band

For guaranteed square cuts and bevels on pipes, we recommend the selection of the optional guide band system to suit the relevant pipe size(s).



Technical Specification

Part No:	EZPCMA1: 110v EZPCMA2: 220v
Power Supply	110v/220v
Pipe Diameter	100mm (4") upwards
Wall Thickness	5 - 50 mm
Torch	Harris/Victor Type Machine Torch
Cut/Bevel Angle	Variable
Vertical Torch +/-	50mm
Lateral Torch +/-	100mm
Cutting Speed	5-780mm/min
Weight	20kg / 18.7lbs
Dimensions	350(l) x 310(w) x 280 (h)mm





PIPE EQUIPMENT SPECIALISTS LTD

OTHER PRODUCTS INCLUDE:

PIPE BEVELLING MACHINES



PIPE CUTTING MACHINES



PIPE ALIGNMENT CLAMPS



PIPE STANDS & BUGGIES



PIPE PURGING



PLATE BEVELLERS



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



Head Office

TAG PIPE EQUIPMENT SPECIALISTS LTD

Unit 15 & 16 Grendon Industrial Estate, Grendon Underwood,
Aylesbury, Buckinghamshire, HP18 0QX England

Tel: +44 (0)1869 324 144 E-mail: sales@tag-pipe.com

Overseas Branches

Europe Branch

TAG PIPE EQUIPMENT SPECIALISTS BVBA
Mosten 13, 9160 Lokeren
Belgium

Tel: +32 (0)9 395 20 38 E-mail: sales-e@tag-pipe.com

Middle East Branch

TAG PIPE EQUIPMENT SPECIALISTS FZE
Al Ittihad Street, P.O. Box 3763
Dubai, United Arab Emirates
Tel: +971 (0)50 970 2899

E-mail: sales-me@tag-pipe.com

USA Branch

TAG PIPE EQUIPMENT SPECIALISTS INC
1205 Indiana Street, South Houston
Houston, Texas 77587, USA
Tel: +1 713 747 8502

E-mail: sales-usa@tag-pipe.com

Asia Branch

TAG PIPE EQUIPMENT SPECIALISTS PTE
Yinhe Bridge West, Beichen District
Tianjin, China

Tel: +86 12 345 6789 E-mail: sales-asia@tag-pipe.com