



Note:
Exhibition draft
new brochure
coming Jan 2018

PIPE EQUIPMENT SPECIALISTS LTD PIPE AND PLATE MACHINES

PIPE COLD CUTTING & BEVELLING MACHINES



PIPE FLAME CUTTING & BEVELLING MACHINES

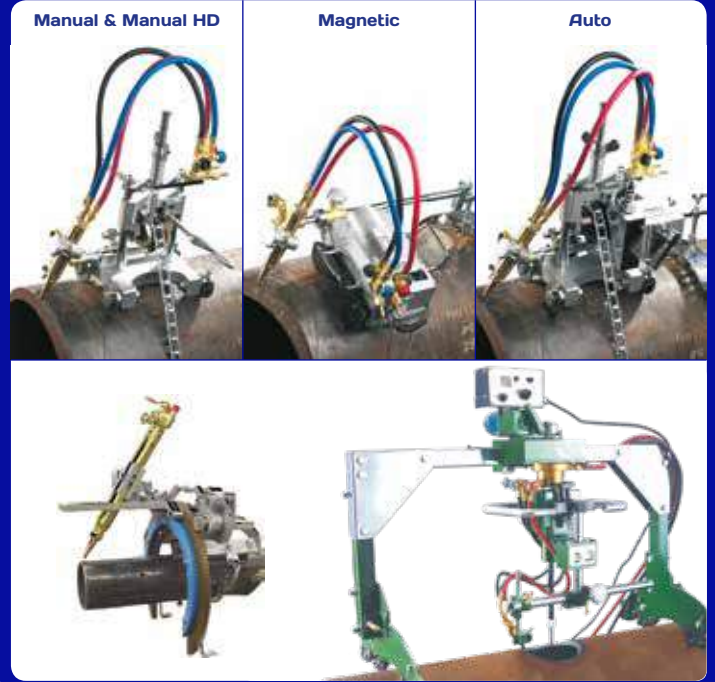


PLATE BEVELLERS



PIPE BEVELLING MACHINES



MADE IN UK

www.TAG-PIPE.com

ENGLISH



PIPE EQUIPMENT SPECIALISTS LTD



About Us

With headquarters in the UK, TAG-PIPE was founded by Anthony Tagliaferro who started in the manufacture and supply of pipework fabrication machinery, tools and handling equipment in 1985, having previously worked as a welder, fabricator and toolmaker.

Over recent years TAG-PIPE has grown significantly through focusing on the importance of being close to our customers. In 2012 we opened a branch in Europe (Belgium), in 2013 a branch in the USA (Houston), in 2014 a branch in Asia (China), in 2015 a branch in Middle East (Dubai) in 2016 a branch in India (Pune) and most recently in 2017 a branch in Vietnam (Ho Chi Minh City).

Today, with offices and warehousing in 7 countries, on 4 continents, 70 employees and more than 180 partnerships and distributors worldwide, we pride ourselves in consistently offering the highest standard of both product quality and service to all our customers.

We look forward to welcoming you into our global network as a TAG-PIPE partner, distributor or end user customer and remain at your disposal at any time.

Products

TAG-PIPE is extremely proud to be established and recognised as one of the world's leading manufacturers and suppliers of:

- 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

Mission Statement

"At TAG-PIPE we aim to offer our customers a comprehensive, top quality, competitive and unrivalled range of pipework machinery and tools, this backed with great customer service supported by our 6 branches strategically located on 4 continents and our extensive and continuous expanding global network of partners and distributors."

Aidan Tagliaferro, Managing Director

Industries

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

- Oil & Gas
- Pipelines
- General Fabrication
- Offshore Welding
- Ship Building
- Vessel Manufacturing
- Power Generation
- Boiler Industry
- Petrochemical
- Pharmaceutical
- Refineries
- Turbine
- Nuclear
- Heat Exchangers
- Dairy, Food and Beverages and many more...



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



Customer Service

We work extremely hard supporting and training our team of employees and network of partners and distributors to ensure that from TAG-PIPE you always receive the:

- Fastest Response Times
- Quickest Delivery Times
- Most Knowledgeable and Accurate Advice
- Committed After Sales Support

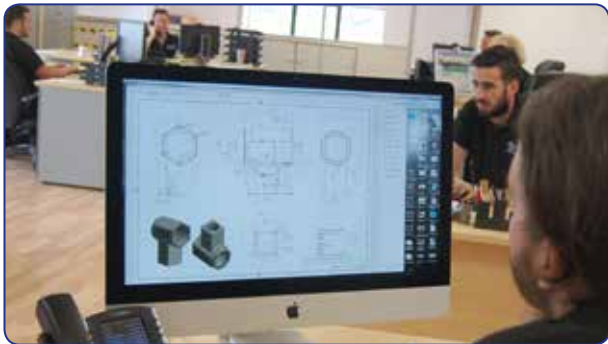


Level of Stock

TAG-PIPE carry an unrivalled stock level, meaning no matter how large your order we expect to offer you the fastest delivery time available worldwide.

Price

You will find our pricing to be very competitive. Give us an opportunity to quote your next project and we are confident you will be pleased! For your convenience we offer our products in the three major currencies: US Dollars, Euros and GB Pound.



Research and Development

Technology is always improving. At TAG-PIPE we firmly intend to move with the times and to be the trendsetters in our industry with a dedicated team of designers and technicians devoted to improving our existing products as well as innovating the next generation of pipework machinery and tools.



Production, Assembly and Quality Control

With manufacturing partners in UK, Belgium and Italy, TAG-PIPE are proud to offer the highest quality of components manufactured wholly in Europe. All our machines are assembled in our UK facility and undergo vigorous testing and quality control, which is backed by our products being CE Certified, having Certificates of Conformity, UK Certificate of Origin and our company being ISO9001 accredited.



Demonstrations and Training

We love to show off our products unrivalled performance and are always happy to carry out demonstrations either in our showroom facility in the UK or at your site. In addition we understand the importance of the correct operation of our machinery and tools so also offer training packages again either in our UK training facility or at your site ensuring safe, efficient and accurate operation.



Rental Division

TAG-PIPE operates a Full, Worldwide Hire and Rental Service. With currently more than 300 machines, our hire fleet is constantly expanding. A large investment was made in 2016 with additional machinery as well as a new tailored hire software system to simplify all of your hire needs making us the best stop for all your pipework equipment rental needs.

Please contact our designated Hire Department via any of these means: Tel: +44 (0)1869 324 144 or E-mail: hire@tag-pipe.com



PIPE EQUIPMENT SPECIALISTS LTD

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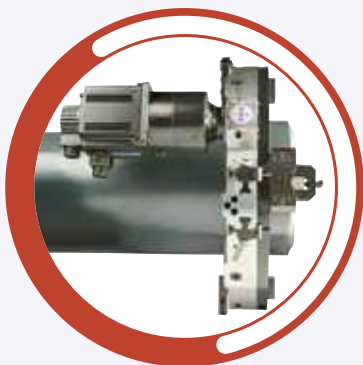
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PIPE EQUIPMENT SPECIALISTS LTD

**SPLIT FRAME CLAMSHELL
COLD CUTTING AND BEVELLING
MACHINES 1" to 54"**



Tel: +44 (0)1869 324 144

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ALUMINIUM LIGHTWEIGHT SPLIT FRAME CLAMSHELLS

Portable O/D Locking Cold Pipe Cutting and Beveling Machines

RANGE: 1 to 54" o/d (25 - 1372mm)

- **Functions:** External Beveling
Internal Beveling
Counter-boring
Compound Bevels
- **Materials:** Any kind of Steel and Exotic Alloy
- **Power:** Pneumatic
Electric (110v or 220v)
Hydraulic
NEW Electric NC Servo Motor (Patent Pending)



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 light weight 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.

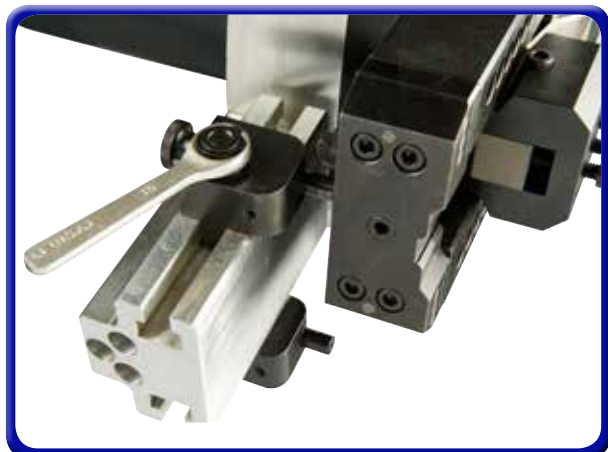
A range of tooling, power units and accessories allow you to tailor your machine to your particular job.



FEATURES & ADVANTAGES

- 11 models cover a range from 1" (25.4 mm) to 54" (1372 mm) O/D
- Pneumatic, Hydraulic, standard electric and NC SERVO 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

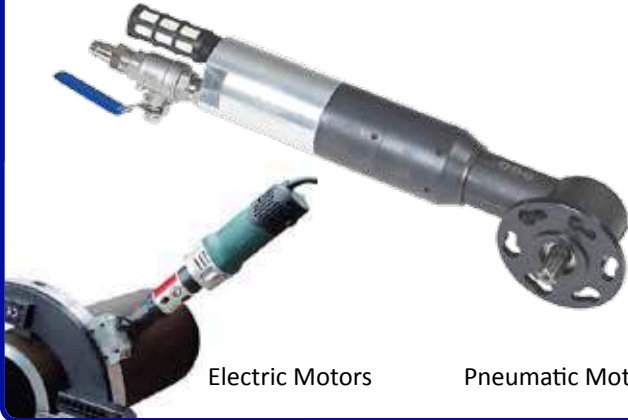
QUICK SPLIT FRAME DESIGN



DRIVE UNITS

To meet the varying needs of job-sites worldwide, TAG's Clamshell Motors and 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.



Electric Motors



Pneumatic Motors



Servo Electric Motors

Hydraulic Motors

TAG'S ELECTRIC NC SERVO DRIVE MOTOR

TAG's single phase Electric NC (Numerically Contolled) servo motor offers a new level of performance and capacity for electric drive power of TAG's Split Frame range.

A 1.5 Kilowatt servo motor, which, like a 3 phase motor, or Hydraulic drive, does not slow and strain under load. The servo motor, is controlled by a wired, or wireless, delta touch screen NC control unit, 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 control unit and recalled in the future.

Available in single for up to 30mm thickness or double for 30mm+.



Double Servo Control



Single Servo Control



TAG HYDRAULIC POWER PACK

TAG offer a custom built Hydraulic Power Pack with all the power needed to cut and bevel all thicknesses and materials of pipe when used with TAG split Frame Clamshells.

SPECIFICATION:

- RATED PRESSURE: 16MPa
- RATED FLOW: 25 l/min
- HYDRAULIC MOTOR POWER: 200 r/min
- HYDRAULIC MOTOR TORQUE: 260 N.M.
- ELECTRIC POWER: 7.5KW
- ELECTRIC MOTOR RATE: 1450 r/min
- TIMING RANGE: 0-20 r/min
- SHIPPING WEIGHT: 300kg



TAG TRANSMISSION TOOL SLIDE RANGE

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



Standard

Low profile, high strength, for tight access situations. Utilising standard TAG HSS Co Blade tooling. **For Cutting & Beveling all materials up to 120mm wall thickness.**



Spring Loaded 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 120mm wall thickness.**



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.

TOOLING

TAG's HSS Co range of tooling includes sever, bevel, double-bevel, compound bevel and counter bore tools. TAG 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.



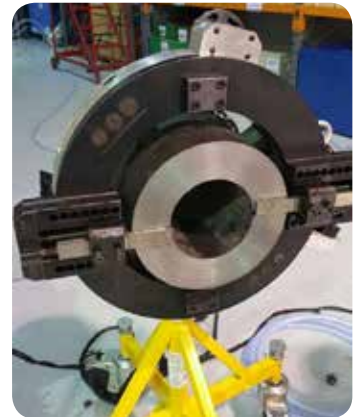
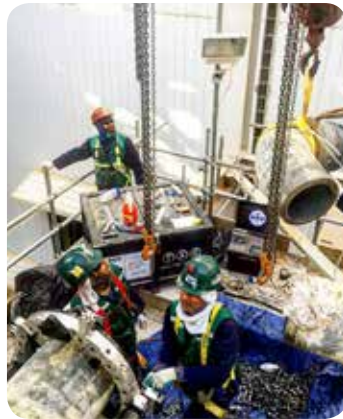
Model	Size Range (inch)	Working Range O.D. (mm)
TSFC6	1 - 6"	25 - 168mm
TSFC8	2 - 8"	50 - 219mm
TSFC12	6 - 12"	168 - 323mm
TSFC16	10 - 16"	254 - 406mm
TSFC18	12 - 18"	323 - 457mm
TSFC20	14 - 20"	355 - 508mm
TSFC24	18 - 24"	457 - 610mm
TSFC30	24 - 30"	610 - 762mm
TSFC36	30 - 36"	762 - 914mm
TSFC42	36 - 42"	914 - 1066mm
TSFC48	42 - 48"	1066 - 1240mm
TSFC54	48 - 54"	1240 - 1372mm

* Larger sizes available upon request





EXAMPLES OF JOBS DONE WITH TAG SPLITFRAME CLAMSHELLS





PIPE EQUIPMENT SPECIALISTS LTD

TAG E-Z FAB PIPE CUTTING AND BEVELLING MACHINE 1" to 24"



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E-Z FAB PIPE COLD CUTTING AND BEVELLING MACHINE

O/D Locking Cold Pipe Cutting and Beveling Machines

RANGE: 1 to 24" o/d (30 - 620mm)

- High speed process pipe cutting & bevelling
- UNIQUE Touch Screen NC Servo Electric Drive
- Combines accuracy with safety
- Several Automation modes
- Any material
- Customisable to your needs



The E-Z Fab is a revolutionary new cutting & bevelling system for pipes. Ideally suited, but not limited to workshops, and high productivity process environments.

The E-Z Fab utilises a similar principle to our clamshell split frame cutting & bevelling machines.

However, the rotating, working inner ring is 1 piece, and is housed in a cast outer body, meaning strength, and rigidity... and speed. Due to its stability (and hugely in part due to the awesome 1.5kw Electric Servo Motor, we'll talk about that more later...) the fact that the ring is 1 piece means that it can rotate at high speed, whilst maintaining a stable, precise cut.



Self centering locking system for rapid alignment and clamping of pipe



Built in coolant pump unit with drip tray as standard



Sealed electrical box housing all NC Controls and cabling



Range of formed cutting tools available for cutting all thicknesses of pipe and bevelling at any required angle



Pipe Cutting



Pipe Bevelling



E-Z FAB PIPE COLD CUTTING AND BEVELLING MACHINE

Touch Screen:

The EZ FAB has been fitted with a Powerful 1.5KW Delta Servo Motor with Delta NC control, This enables ease of use with all Functions touch screen, We have used our 25 years experience to Recommended Preset speeds for Pipe size/Material as you can see below this enables very quick and easy set up with no human error.

The Numerically Controlled (NC) Servo Motor offers unrivalled power and cut speeds, from a touch screen Delta control system, conveniently mounted on an adjustable stalk- arm for operating ease.

The touch screen control comes with 2 Main settings: Manual, and Automatic.

The automatic option offers pre-set cut rotation speeds for pipes within each machines' range, whilst the Manual option allows the operator to adjust the speed of the machine themselves.

*Touch screen controls can be customised during commissioning/training.



Recommended Preset Speeds	
2" Carbon	2" Stainless Steel
3" Carbon	3" Stainless Steel
4" Carbon	4" Stainless Steel
6" Carbon	6" Stainless Steel
8" Carbon	8" Stainless Steel

Models Available:

Model	Working Range (inch)	Working Range O.D. (mm)	Wall Thickness (mm)
EZFABB6	1 - 6"	30 - 170	1 - 40
EZFABB8	2 - 8"	70 - 220	1 - 40
EZFAB12	6 - 12"	170 - 320	1 - 40
EZFAB16	10 - 16"	270 - 420	1 - 40
EZFAB20	14 - 20"	370 - 520	1 - 40
EZFAB24	18 - 24"	470 - 620	1 - 40

Example Cutting and Beveling Times:

Pipe Size	Pipe SHD	Wall Thickness mm	Pipe Material	Pre-set Speed	Cutting and Beveling Time
2 inch	SHD40	4mm	Carbon	50rpm	2 minutes
2 inch	SHD40	4mm	S/S	50rpm	2 minutes
4 inch	SHD40	4mm	Carbon	40rpm	2 minutes
4 inch	SHD40	4mm	S/S	30rpm	2 minutes
6 inch	SHDXXS	22mm	Carbon	35rpm	5 minutes
6 inch	SHD40	7mm	S/S	20rpm	6 mins 30 sec
8 inch	SHD40	8mm	Carbon	30rpm	7 minutes
8 inch	SHD40	8mm	S/S	20rpm	9 minutes



PIPE EQUIPMENT SPECIALISTS LTD

TAG HIGH SPEED, CNC PIPE CUTTING AND BEVELLING MACHINE



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TAG HIGH SPEED, CNC PIPE CUTTING AND BEVELLING MACHINE

RANGE: 2 to 24" (50 - 610mm)

FEATURES

- A high speed pipe cutting and bevelling machine, CNC controlled with simple pre-set programmes
- For high productivity pipeline prefabrication, cutting and bevelling or cutting and **double** bevelling simultaneously
- Both front and back hydraulic clamping systems, with automatic self centering
- Built-in automatic recycling coolant system, increasing the life and performance of the tools
- Automatic height up/down adjustment on the pipe conveyor system to set the pipe to the correct centre height of the machine.
- Independent servo motor driven conveyor to move the pipe backward and forwards to the desired cut position
- All cutting and bevelling operations are CNC controlled, via simple settings on the touch screen. The cutting tool will automatically feed into the cut and bevel and will automatically retract at the end of the cut and bevel. The feed rate of the cutting tools can also be adjusted automatically by the CNC programme, dependant on the pipe diameter, wall thickness and material.
- The machine can be used for all materials including super duplex, carbon steel, stainless steel and alloy steel pipes, any angle of bevel can be produced such as 'U', 'V' and 'Y'.
- High speed cutting and bevelling e.g.. 10" x 23mm wall thickness cut and bevelled.
Time: **3 minutes**



TECHNICAL PARAMETER

MODEL	CAPACITY (mm / inch)	RATED POWER (kw)	ROTATING SPEED (rpm)	UP/DOWN (mm)	TOOL STROKE (mm)	WALL THICKNESS (mm)
TCNCCB 12	50 - 325 / 2 - 12"	10.45	0 - 50	200	100	Single Operation Stainless Steel 20 Carbon Steel 25 Multi Operation 50
TCNCCB 16	130 - 450 / 5 - 16"	12.45	0 - 42	200	100	
TCNCCB 24	300 - 610 / 12 - 24"	17	0 - 35	200	100	



Cutting & Bevelling Tool



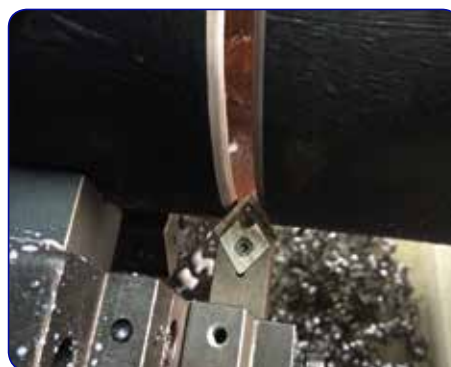
Pipe End Bevelling



Pipe Conveyor System



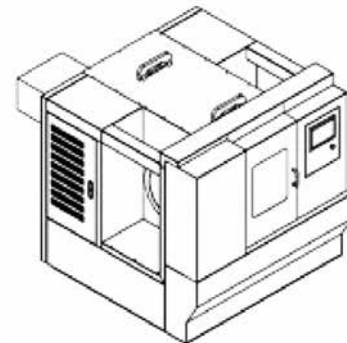
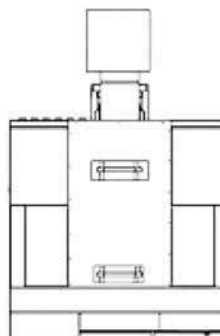
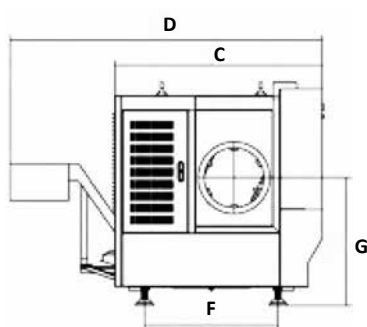
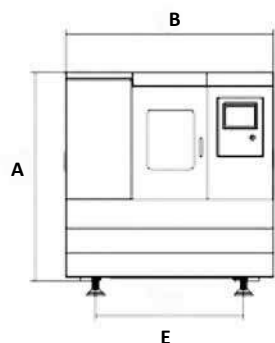
Double hydraulic clamping system
font and rear of cut



Double Cutting & Bevelling
simultaneously

DIMENSION

MODEL	Dimensions						
	A	B	C	D	E	F	G
TCNCCB 12	1750	1736	1710	2616	1240	1120	900—1100
TCNCCB 16	1750	1740	1740	2616	1240	1120	950—1200
TCNCCB 24	1950	1940	1940	2816	1440	1440	950—1200





ORBITAL PIPE SAW (OPS) R SERIES

Bench or Stand Mountable Orbital Pipe Saw

RANGE: ½ to 12" (6mm - 300mm O/D)

- **Functions:** Straight cutting of pipes
External Beveling
- **Materials:** Any kind of Steel and Exotic Alloy
- **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 by the operator making the cutting of pipes a more productive, less labour intensive process.

The prismatic 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	OPSR4	OPSR6	OPSR8	OPSR12
Pipe OD	½" - 4"	3" - 6"	6" - 8"	8" - 12"
Wall Thickness	1mm - 8mm	2mm - 10mm	2mm - 10mm	2mm - 10mm
Motor	1600w	1600w	1600w	1600w
Blade RPM	150 - 250	150 - 250	150 - 250	150 - 250
Voltage / Frequency	110/220v 50/60Hz	110/220v 50/60Hz	110/220v 50/60Hz	110/220v 50/60Hz
Net Weight	76kg	88kg	104kg	127kg

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.

BLADES

CARBON STEEL



STAINLESS STEEL



BEVELLING







ORBITAL PIPE SAWS

Manual or Motorised Orbital Pipe Saws

RANGE: 1 - 24" (20 - 630mm)

TAG's OPS Orbital Pipe Saws are the practical solution to cut and bevel almost all types of metal pipe.

Cutting is executed with a high speed toothed blade that is then rotated around the pipe.

THE OPS Range utilise a 4, or 6 point (depending on model) O/D self centering pipe clamping system, ensuring the pipe is held firm and square for the best cut results.

The pipe is cut precisely with one single rotation.

Cutting rotation is performed manually, by the Operator, or via an Extremely powerful Servo Motor with NC control offering almost infinite speed adjustment.

Whether in manual, or automatic form, the OPS pipe saws produce a square, burr-free cut that requires no further dressing.

The Tag pipe saws are also available with an optional trolley to enable ease of transport around the workshop.





BLADES

CARBON STEEL



STAINLESS STEEL



BEVELLING



AUTOMATIC	MANUAL	WORKING RANGE I.D. (mm)	WALL THICKNESS (mm)	BLADE ROTATIONS PER MINUTE (rpm)
OPSA120	OPSM120	20 - 121	1 - 10	150 - 225
OPSA170	OPSM170	30 - 170	1 - 10	150 - 225
OPSA220	OPSM220	60 - 225	1 - 10	150 - 225
OPSA320	OPSM320	140 - 330	1 - 10	150 - 225
OPSA420	OPSM420	215 - 420	1 - 10	150 - 225
OPSA520	OPSM520	315 - 520	1 - 10	150 - 225
OPSA620	OPSM620	346 - 630	1 - 10	150 - 225

RANGE: 1 - 12" (optional up to 24")

Function: cutting up to 45° inclination

Material: any kind of steel

Power: pneumatic or electric

Note: The lightweight construction and ease of set up and operation makes it ideal for site work applications. It is capable of cutting most materials including stainless steel.



Electric



Pipe locking vice for 1" to 6". Adjustable blade position to cut angles from 90° to 45°. Stop feeding stroke included in the standard equipment.



Chain vice for 4" to 12" . Stop feeding stroke included in the standard equipment.



Pneumatic

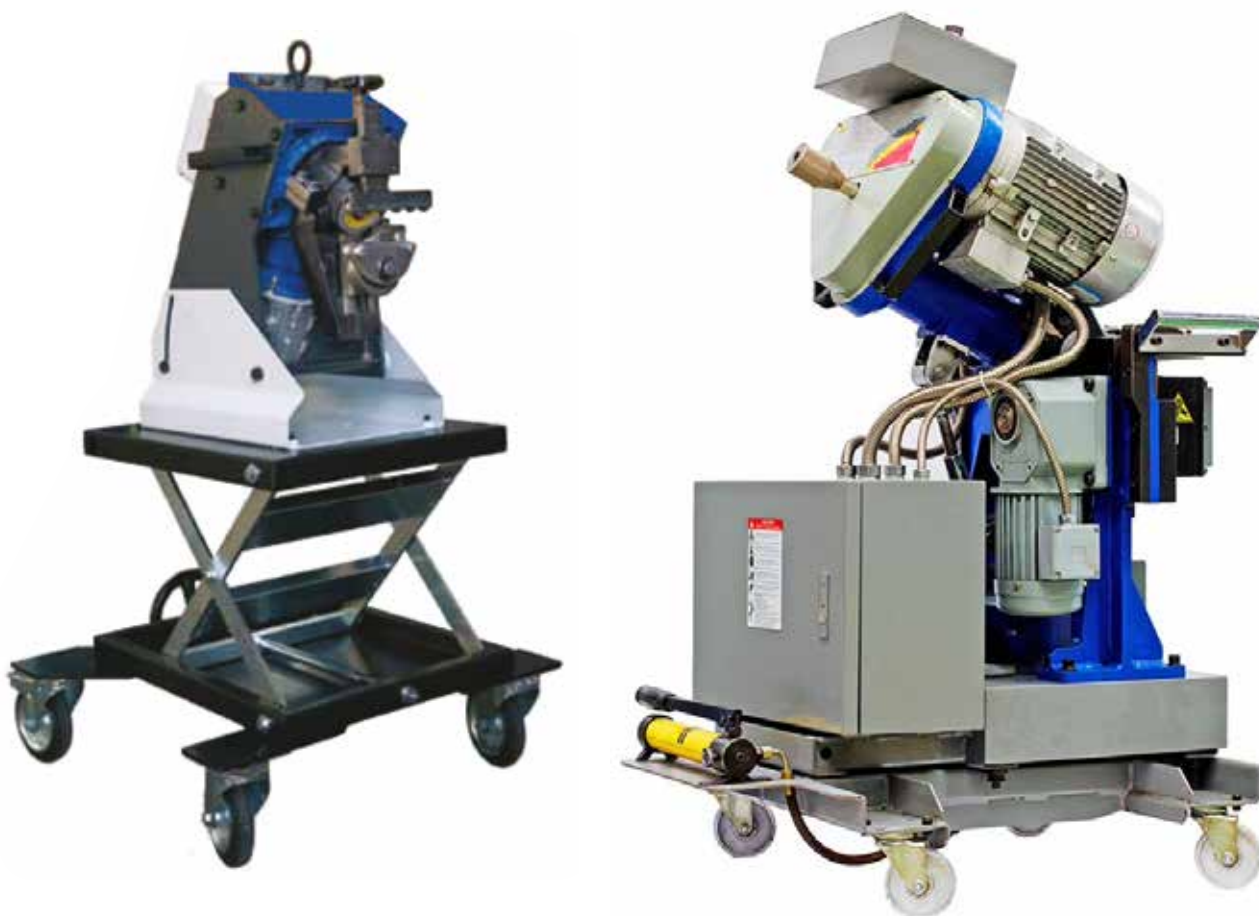
660 x 209 x 98 mm

TECHNICAL SPECIFICATION			
		E-Z SAW	E-Z SAW E
Locking tube range	mm	25 - 323 o/d	25 - 323 o/d
Recommended working range	inch o/d	1 - 12"	1 - 12"
Torque	kgm	19.0	27.0
Max operating temperature	°c	55	55
Max noise level	dB	75	75
Pneumatic motor power	hp	1.33	-
Air consumption	cfm	55 - 60	-
Air working pressure	psi	90	-
Air hose connection	inch	¾"	-
Electric motor power	watt	-	1400 (adj)
Alimentation	volt	-	220
Frequency	Hz	-	50
Idle Speed	strokes/min	300	450
Unit weight	kg	11.0	9.0
Packing dimensions	mm	640 x 280 x 130	640 x 280 x 130
Packing weight	kg	16	14



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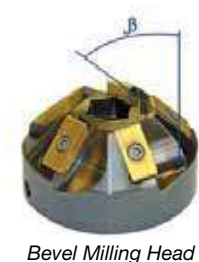
RANGE: Thickness 3mm upwards / Bevel Angle: from 45° (optional 30°)
Max Bevel Width: Steel 5mm, Aluminium 8mm / Max Radius: 2.5mm

- **Materials:** Any kind of Steel and Aliminium.
- **Power:** 110 or 220v or Pneumatic

Note: For the deburring of outer and inner outlines, bevelling, milling of radii and bore holes as from 20 mm Ø.

Especially developed to produce clean visible edges and to prepare welds.

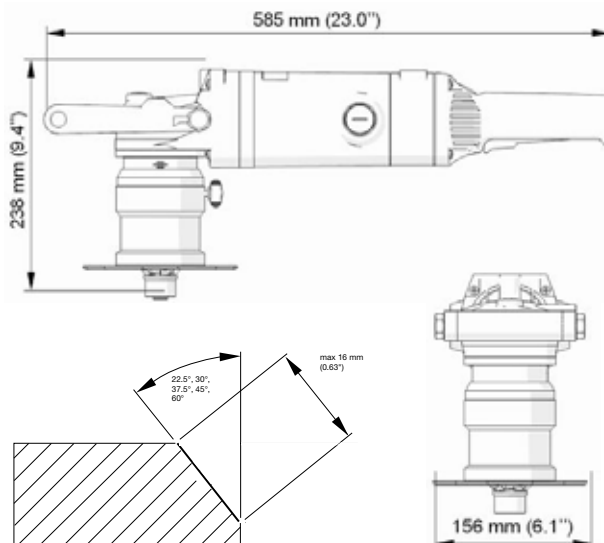
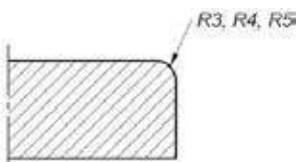
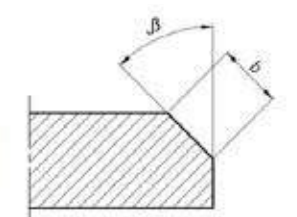
- Tool-less adjustment of bevel height.
- Handy and powerful.
- For construction steels, stainless steels, aluminium and other materials.
- Multiple indexable insert holder 45° (optional 30°).
- Also for radii R = 2.5



Bevel Milling Head



Radius Milling Head



TECHNICAL SPECIFICATION	
Power Supply	230V / 110v 50-60 Hz
Motor	2200W
Motor speed	1800-5850 rpm
Minimal diameter of countersinking	40 mm
Bevelling with radius	R3, R4, R5
Maximal bevel width	@ 45° (b) 16 mm
Feed	0,5 - 10 m/min (Manual)
Bevelling angles	20, 22.5, 30, 37.5, 45, 50, 55 and 60 degrees (other angles upon request)
Plate thickness	minimum 1.5 mm
Dimensions	585 x 156 x 238 mm
Weight	10 kg

RANGE: Thickness 6 to 60mm / Bevel Angle: from 0° to 60° / Max Bevel Width 21mm

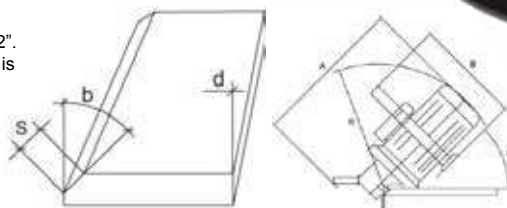
- **Materials:** Any kind of Steel and Aluminium.
- **Power:** 110 or 220v

Note: The PMM200 - Is a new generation, easy to use, portable, heavy duty machine designed for bevelling steel plates prior to welding. This bevelling machine is fitted with a monoblock milling head containing 10, offset inserts, allowing smooth operation and exceptional efficiency. One set of inserts can last for up to 2000 meters of bevelled steel edge and allows to work with an output around 1.5 meters/minute (depending on the amount of the metal being removed).

The PMM200 incorporates many safety features. It has a state of the art electronic control module protecting the operator, machine and tools. It is equipped with guide rolls, which make it easy and light to operate.



Pipe bevelling possible with no accessories up to 12".
An optional attachment for bevelling up to 24" pipe is also available



A mm (")	B mm (")	R mm (")	S mm (")	Dmin mm (")	a (°)	b (°)	g (°)	d = 0°	weight kg (lbs)
420 16 9/16	330 13	305 12	0-20 0-3/4	150 6	45-75	15-60	75-30	yes	20.0 43



Mono block milling head, with 10 indexable inserts fixed with screws.



Continuous angle adjustment from 0 to 60 degrees.



Plate facing-off



Plate beveling

TECHNICAL SPECIFICATION

Power Supply	1,1 KW, 110v or 230v
Motor	Inductive with increased start-up current
Motor speed	2.820 rpm
Tooling	Integral milling head with 10 square inserts
Standard angles range	0°-60°
Optional functions	Plate facing
Plate Thickness	minimum 6 mm
Dimensions	480 x 420 x 360 mm
Weight	20 kg

RANGE: Thickness 6 to 60mm / Bevel Angle: from 0° to 60° / Max Bevel Width 21mm

- **Materials:** Any kind of Stainless Steel. Will prep all other Steels also.
- **Power:** Electric 110 or 220v

Note: The PMM200SS Is designed to work on Stainless Steel with its new Powerful slow speed motor, The PMM200SS also has guide Plate with guide rolls made of Stainless Steel, The PMM200SS Is easy to use, portable, heavy duty machine designed for bevelling steel/ Stainless Steel plates prior to welding.

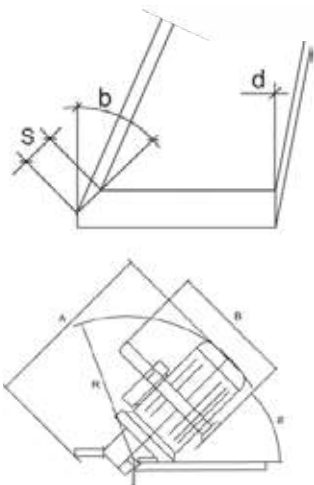
This bevelling machine features a new single milling head equipped with 10 square, indexable inserts makes machining process far more efficient and much less operator fatiguing smooth operation and exceptional efficiency.

Capable of bevelling around 1.5 meters/minute (depending on the amount of the metal being removed).

The PMM200SS incorporates many safety features. It has a state of the art electronic control module protecting the operator, machine and tools. It is equipped with guide rolls, which make it easy and light to operate. Vibration insulation protects both the operator and electronics against vibration



PMM200SS



Pipe bevelling possible with no accessories up to 12".
An optional attachment for bevelling up to 24" pipe is also available



Mono block milling head, with 10 indexable inserts fixed with screws.



Continuous angle adjustment from 0 to 60 degrees.



Plate facing-off



Plate bevelling

A mm (")	B mm (")	R mm (")	S mm (")	Dmin mm (")	a (°)	b (°)	g (°)	d = 0°	weight kg (lbs)
420 16 9/16	330 13	305 12	0-20 0-3/4	150 6	45-75	15-60	75-30	yes	20.0 43

TECHNICAL SPECIFICATION

Power Supply	1,1 KW, 110v or 230v
Motor	Inductive with increased start-up current
Motor speed	2.820 rpm
Tooling	Integral milling head with 10 square inserts
Standard angles range	0°-60°
Optional functions	Plate facing
Plate Thickness	minimum 6 mm
Dimensions	480 x 420 x 360 mm
Weight	20 kg



PLATE BEVEL PRO 18

Portable, Self Feeding Plate Beveling Machine

RANGE: 6 to 40mm Plate Thickness up to 18mm Bevel Width

- **Functions:** Beveling of steel plates
- **Materials:** Any kind of Steel and Exotic Alloy
- **Power:** Electric. 3 phase

The Plate Bevel Pro 18 machine gives you a clean bevelled weld ready surface with no thermal distortion, saving time and money. This model offers automatic self feeding of the plate when beveling small strips, or, once positioned on a large plate will travel along the edge to the end with no requirement for intervention by the operator.

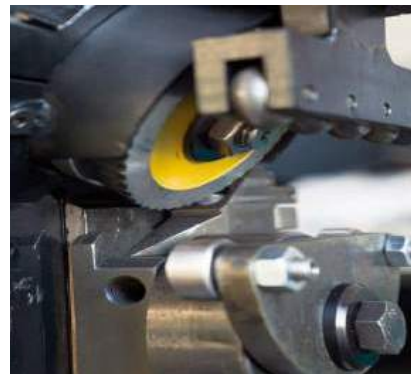
The Plate Bevel Pro 18, once mounted onto the plate, will propel itself along automatically, producing the bevel as it goes.

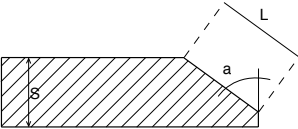
This makes the Plate Bevel Pro 18 perfect for large plates, as there is very little requirement for intervention from the operator.

FEATURES & ADVANTAGES

The Plate Bevel Pro 18 can also be mounted onto a table for the beveling of small pieces. The self feeding milling tool will drive the material through the machine while it bevels, so the operator just needs to insert the plate into, and remove the plate from, the machine.

The Plate Bevel Pro 18 is also capable of beveling radii and curved plate, such as a pre rolled vessels or heat exchangers.



BEVEL CHART		
		
Bevel Angle (a)	Max Width Across Bevel (L)	
	Carbon Steel	Stainless Steel
22½°	18 mm	13 mm
30°	18 mm	15 mm
37½°	17 mm	12 mm
45°	16 mm	12 mm
55°	14 mm	10 mm

TECHNICAL SPECIFICATION	
Power Supply	380* / 50 / 3 (Volts / Hz / Phase)
Beveling speed	3 Surface metres / min
Electric motor power	0.80 Kw
Min. plate width	2.75" / 70 mm
Plate thickness	¼" - 1 ½" / 6 - 40 mm
Bevel angles	22½° to 55°
Weight	104kg





PLATE BEVEL PRO 28

Portable, Self Feeding Plate Beveling Machine

RANGE: 8 to 50mm Plate Thickness up to 26mm Bevel Width

- **Functions:** Beveling of steel plates
- **Materials:** Any kind of Steel and Exotic Alloy
- **Power:** Electric. 3 phase

The Plate Bevel Pro 28 machine gives you a clean bevelled weld ready surface with no thermal distortion, saving time and money. This model offers automatic self feeding of the plate when beveling small strips or, once positioned on a large plate will travel along the edge to the end with no requirement for intervention by the operator.

The Plate Bevel Pro 28, once mounted onto the plate, will propel itself along automatically, producing the bevel as it goes.

This makes the Plate Bevel Pro 28 perfect for large plates, as there is very little requirement for intervention from the operator.

FEATURES & ADVANTAGES

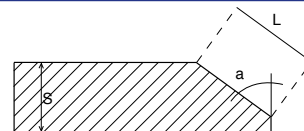
The Plate Bevel Pro 28 can also be mounted onto a table for the beveling of small pieces. The self feeding milling tool will drive the material through the machine while it bevels, so the operator just needs to insert the plate into, and remove the plate from, the machine.

The Plate Bevel Pro 28 is also capable of beveling radii and curved plate, such as a pre rolled vessels or heat exchangers.

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



BEVEL CHART



Bevel Angle (a)	Max Width Across Bevel (L)	
	Carbon Steel	Stainless Steel
22½°	26 mm	22 mm
30°	26 mm	22 mm
37½°	22 mm	18 mm
45°	22 mm	18 mm
55°	20 mm	18 mm

TECHNICAL SPECIFICATION

Power Supply	380* / 50 / 3 (Volts / Hz / Phase)
Beveling speed	2 Surface metres / min
Electric motor power	2.2 Kw
Min. plate width	3.54" / 90 mm
Plate thickness	5/16" - 2" 8-50 mm
Bevel angles	22½° to 55°
Weight	340kg

PLATE BEVEL PRO HS45

RANGE: 8 to 60mm Plate Thickness up to 45mm Bevel Width

Automatic milling machine, this machine process plate automatically with high efficiency; completely cold cutting, non-oxidation on the surface; for the milling cutter, the finish on the surface is satisfy with the requirement in welding industry; easily operate and non-pollution.

Can be used to process iron, chromium iron, fine-grained steel, aluminum products, copper and Aluminum alloy.

Can be processed into “K”, “V”, “X” or “Y” – shaped bevel.

Can be used in engineering machinery, steel structures, pressure vessels, shipbuilding, and the aerospace industry.



TECHNICAL SPECIFICATION

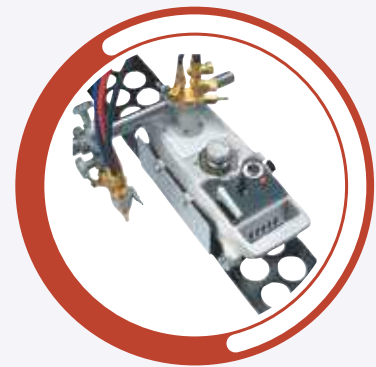
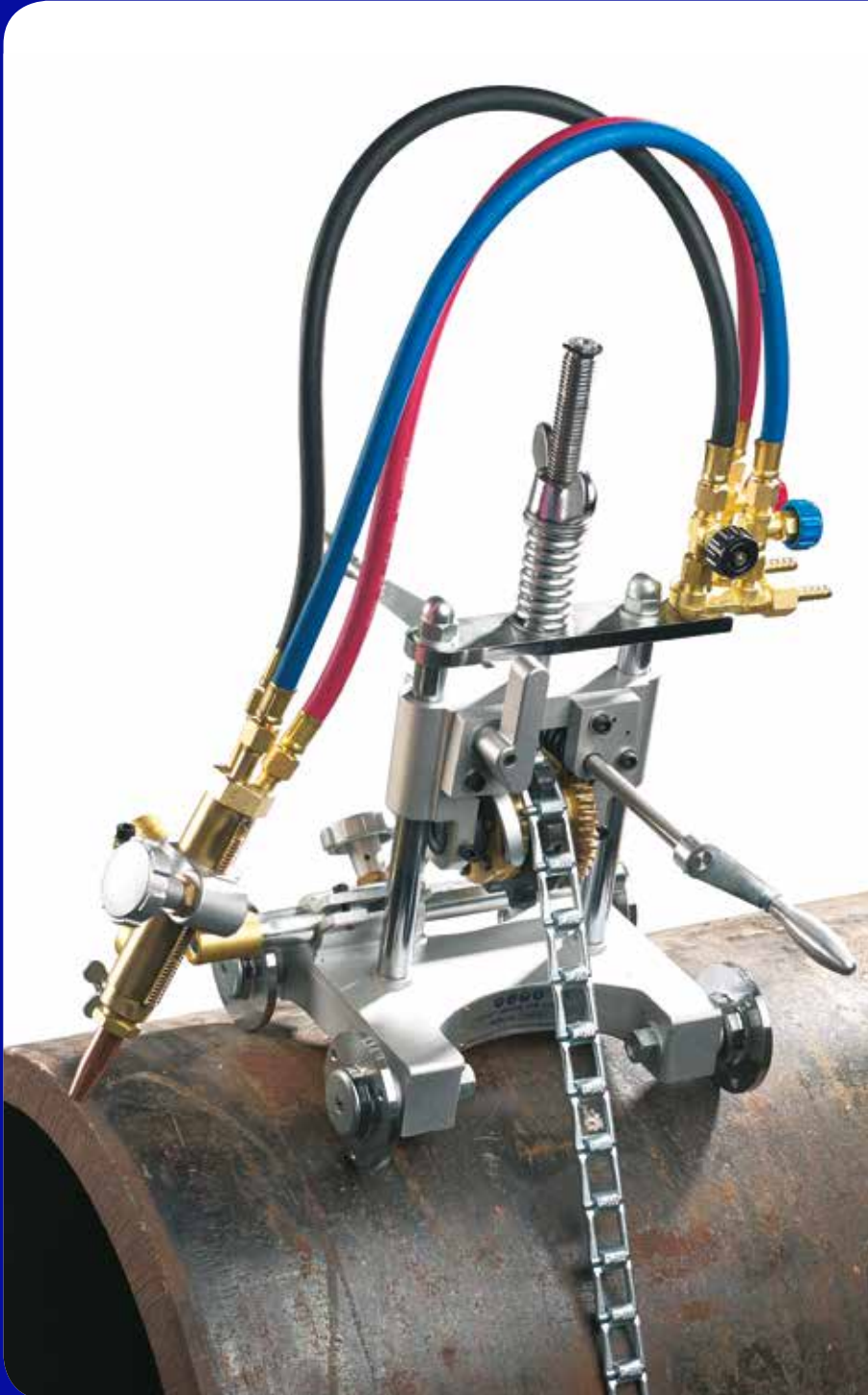
NAME	PLATE THICKNESS	FEED SPEED (mm/min)	MAX BEVEL (mm)	ANGLE
HS45	8mm - 60mm	0 - 1500	45	10° - 60°
Power Supply	AC 400V / 50HZ			
Feed Speed Control	0 - 1500 mm / min	0 - 1500 mm / min adjustable		
Bevel Angle				10° - 60°
Bevel Width			45	
Processing Plate Thickness	8mm - 60mm			
Total Power (Two Motors)	4800W (2 x 2400W)			
Adjustable Spindle Speed	600 - 1050 rpm			
Milling Depth	32mm			
Single Milling Width	first 19mm	second 30mm	third 45mm	
Min Plate Width	70mm			
Net Weight	300kg			





PIPE EQUIPMENT SPECIALISTS LTD

PORTABLE CUTTING MACHINES



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E-Z PIPECUT MANUAL

Manual Chain Driven portable oxy-fuel cutting machine

TAG's E-Z Pipecut portable oxy-fuel cutting and bevelling chain driven machines are the economical solution for cutting and bevelling pipe from 5 - 50mm upwards. The E-Z Pipecut 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 Pipecut portable oxy-fuel cutting and bevelling machine is a straight forward hand operated 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.

The bevelling head angle (45gr) can be set quickly and accurately by scale on a rack and pinion.



Guide Band

For guaranteed square cuts and bevels on pipe diameters larger than 600mm we recommend the selection of the optional guide band system to suit the relevant pipe size(s).

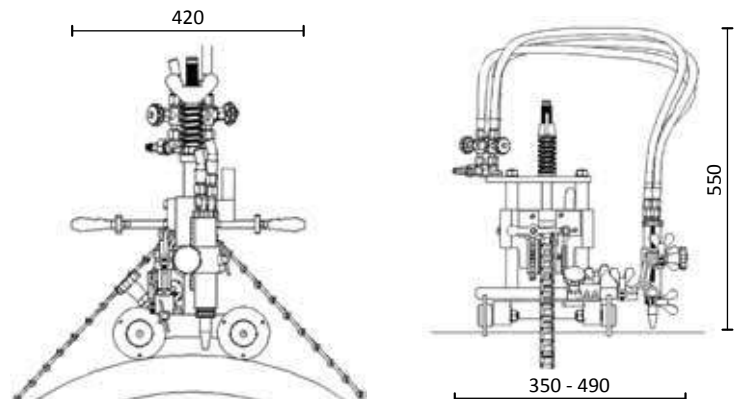


TECHNICAL SPECIFICATION

Part No	EZPCM
Power Supply	Manual driven unit
Pipe Diameter	up to 600mm (in standard configuration)
Wall Thickness	5 - 50mm
Torch	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
Cut/Bevel Angle	Variable up to 45 Degree
Vertical Torch +/-	50mm
Lateral Torch +/-	100mm
Track Width	230mm
Weight	8.5kg / 18.7lbs
Dimensions	350(l) x 420(w) x 550 (h)mm

Scope of Delivery

Cutting machine E-Z Pipecut Manual
Cutting nozzles (5 - 30mm)
Standard chain for cutting pipe
diameter of 114 - 600mm
Operation Instructions



TAG's E-Z Pipecut is also available as an automatic motor driven model. Driven around the pipe with a with speed adjustable remote control, once the speed is set correctly to the wall thickness of the pipe the E-Z Pipecut Auto portable oxy-fuel cutting machine will cut and bevel the pipe without the need for intervention from the operator.

The E-Z Pipecut Auto portable oxy-fuel cutting machine can also be used for cutting exotic materials such as stainless steel, by converting from oxy-fuel to a plasma system (plasma torch holder available on request).



Guide Band

For guaranteed square cuts and bevels on pipe diameters larger than 600mm we recommend the selection of the optional guide band system to suit the relevant pipe size(s).



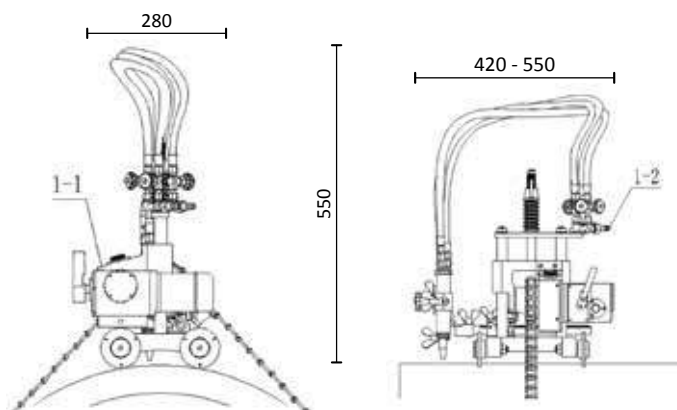
TECHNICAL SPECIFICATION

Part No	EZPCA1: 110v / EZPCA2: 220v
Power Supply	230v / 110v / 50 - 60Hz
Pipe Diameter	Up to 600mm (in standard configuration)
Wall Thickness	5 - 50mm
Torch	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
Cut/Bevel Angle	Variable up to 45 Degree
Vertical Torch +/-	50mm
Lateral Torch +/-	100mm
Track Width	230mm
Cutting Speed	50 - 1150mm/min
Weight	16kg / 36lbs
Dimensions	420(l) x 280(w) x 550 (h)mm

Scope of Delivery

Pipe cutting machine E-Z Pipecut Auto
Standard chain for cutting pipe diameter of 114 - 600mm
Cutting nozzle (5 - 30mm)
Connecting lead (5m)
Remote control
Transformer 110v - 220v
Operation Instructions

Remote Control



E-Z PIPECUT MAGNETIC *Electric Driven Magnetic portable oxy-fuel cutting machine*

TAG's E-Z Pipecut portable oxy-fuel cutting machine and bevelling machines are the economical solution for cutting and bevelling pipe from 350mm upwards. The E-Z Pipecut portable oxy-fuel cutting machine is small and compact, strong and reliable, used by contractors, welders and pipe fitters, equally at home on site or in the workshop.

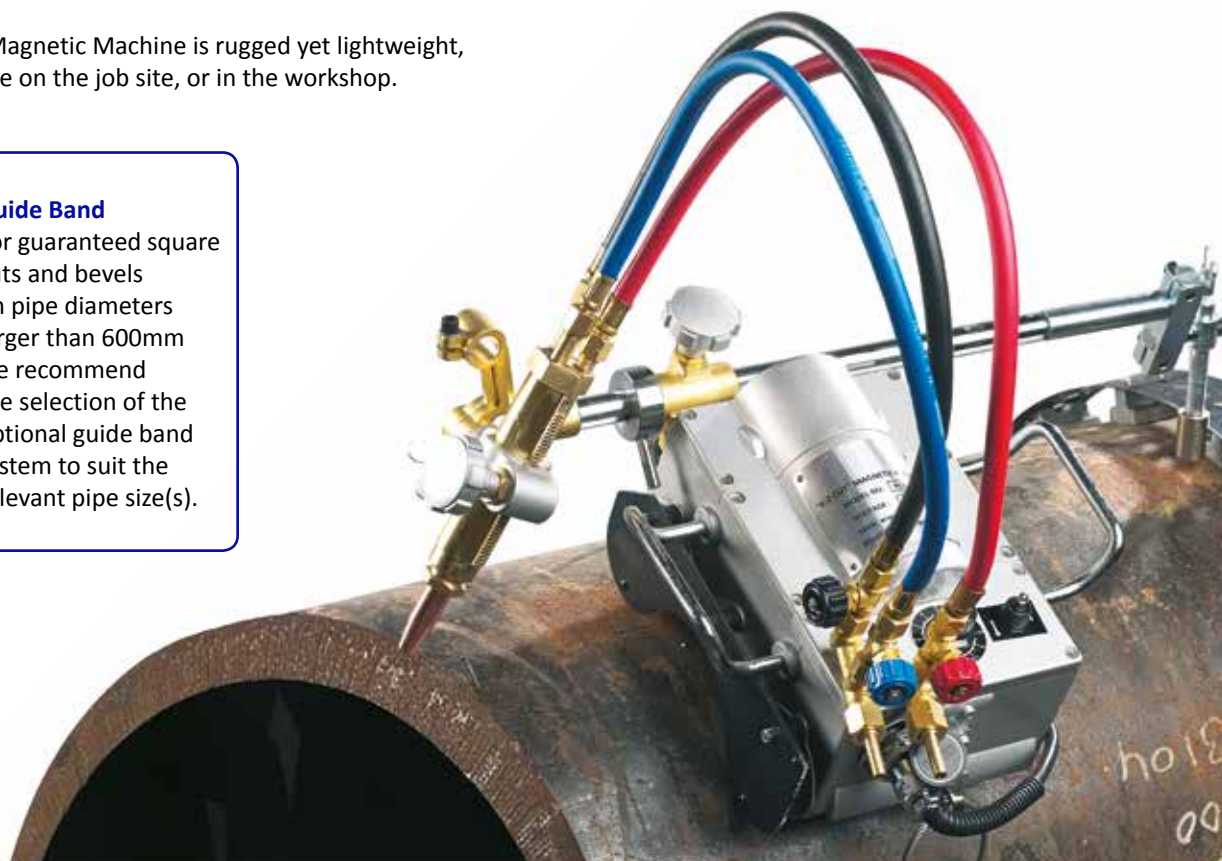
Two sets of magnetic, electrically driven roller wheels are housed inside the body of the TAG E-Z Pipecut Magnetic portable oxy-fuel cutting machine, these rollers (offering a magnetic absorbability force of over 50kg) ensure the machine stays in contact with the pipe as it travels around the circumference, cutting and bevelling as it goes.

The TAG E-Z Pipecut Magnetic Machine is rugged yet lightweight, so ideal for general use on the job site, or in the workshop.



Guide Band

For guaranteed square cuts and bevels on pipe diameters larger than 600mm 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	350mm upwards
Wall Thickness	5 - 50mm
Torch	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
Cut/Bevel Angle	Variable up to 45 Degree
Vertical Torch +/-	50mm
Lateral Torch +/-	100mm
Track Width	50 - 780mm/min
Weight	20kg / 18.7lbs
Dimensions	350(l) x 310(w) x 280 (h)mm

Scope of Delivery

Pipe cutting machine E-Z Pipecut Magnetic
 Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
 Gas hoses
 Power cable
 Cutting nozzle (5 - 30mm material thickness)
 Operation Instructions



E-Z PIPECUT PIPE HOLE CUTTER

Electric Driven portable oxy-fuel cutting machine

The TAG E-Z Pipecut portable oxy-fuel cutting machine is ideally suited for cutting high precision T-joint circles including any hole that crosses the side of the pipe for piping systems, high-pressure vessels and heat exchangers.

In addition to cutting circles and bevel in flat plate, the machine can cut a vessel from the inside or outside, the machine is designed to do straight or bevel cutting of the hole.

H-Lever Handle

The up/down interlock unit employs a trigonometry function generating mechanism to ensure higher bevel accuracy than conventional crank mechanism; very easy to set up with just two adjustments.

Rotating Gas Manifold

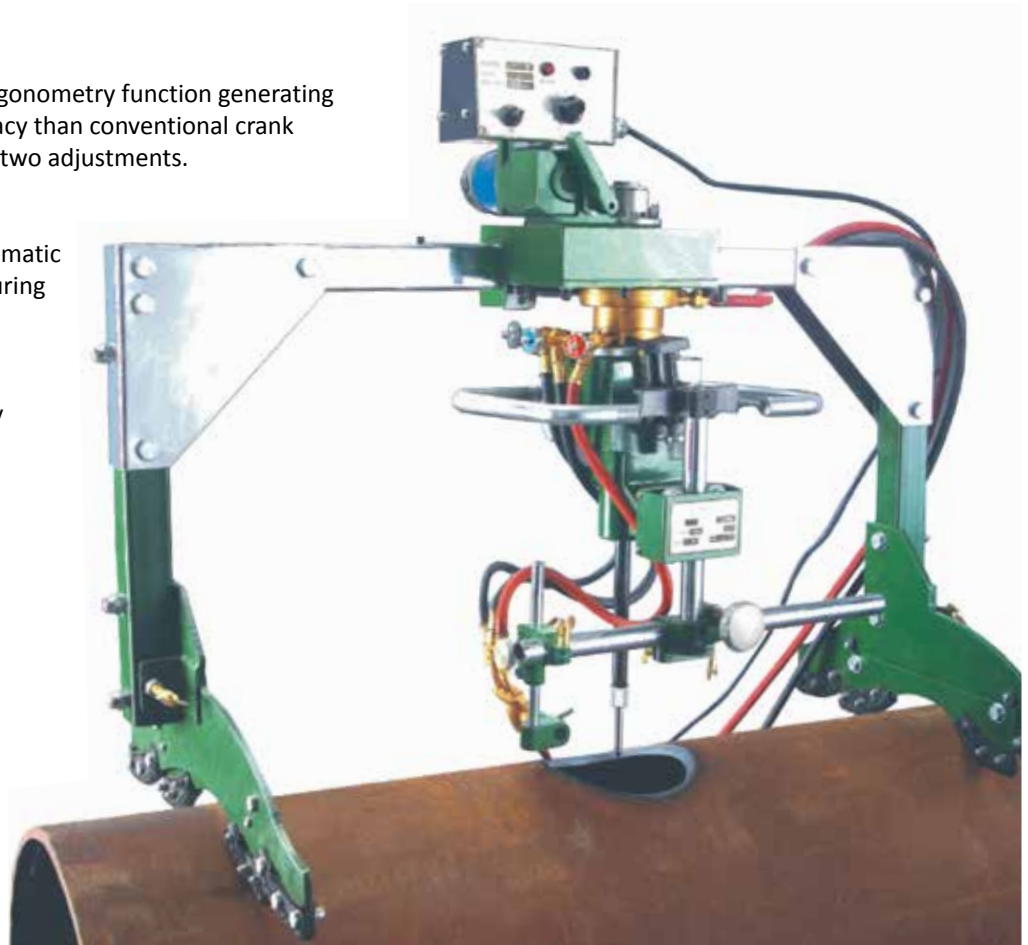
Keeps hoses from becoming tangled automatic
Tip stand off - ensures higher accuracy during
bevel cutting

On/Off Drive Clutch

Position cutting tip accurately and quickly

Flat Circle Bevel Cutting

Can be used to cut circles in flat plate
with a bevel edge



TECHNICAL SPECIFICATION

Part No	EZPHC601: 110v EZPHC602: 220v
Power Supply	110v / 220v
Pipe Diameter	80mm - 600mm
Wall Thickness	5 - 50mm
Torch	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
Cut/Bevel Angle	Variable up to 45 Degree
Vertical Torch +/-	0 ~ 100mm (torch)
Lateral Torch +/-	40 ~ 300mm (torch)
Track Width	0.14 - 1.2 m/min
Weight	49kg / 95lbs
Dimensions	1060 x 560(w) x 820 (h)mm

Scope of Delivery

E-Z Pipecut including support leg
Cutting nozzle (5 - 30mm material thickness)
Power cable
Operation Instructions





E-Z PIPECUT SHORT SADDLE MACHINES

Portable cutting machines for forming shape profiles on pipe ends

Our short saddle machines are the only single piece, short saddle machine on the market, providing you with consistently square and accurate cuts - cut after cut - year after year.

Our short saddle machines can be used for **oxy-fuel cutting**, **plasma** or **water** jet cutting - either perpendicular with or parallel to the pipe. They are designed to be dropped on the pipe like a saddle or slipped on from the end.

Our one-piece design is narrower than other machines, which allow for using a smaller area of pipe where clamping space is limited. The torch can be positioned closer to the valves and other obstacles because the saddle is shorter than any other saddle-type machine.

These machines can either be hand cranked or motor driven around the pipe.



One piece solid cast aluminium saddles

Special aluminium alloy castings of our single piece saddles substantially resist stress, war page and other effects of extreme heat and cold.

Sturdy precision ring gear

Rotating ring gears and retaining cap rings are precisioned machined to ensure consistently straight and square rotation of the torch arm around the pipe.

Here's what our short saddle really means

The torch can be positioned closer to valves and other obstacles on pipe with our short saddle because the saddle is shorter than any other saddle-type machine.

MACHINE MODEL		MSA	1SA	2SA	3SA	4SA	5SA	6SA	8SA
PIPE SIZE	INCH	1½ - 4	3 - 8	6 - 12	12 - 20	20 - 26	24 - 30	28 - 36	40 - 48
	MM	38 - 102	76 - 203	152 - 305	305 - 508	508 - 660	610 - 762	711 - 914	1016 - 1219
NET WEIGHT	LBS	10	16½	26	49½	78	105	180	210
	KG	4.5	7.4	11.7	22.3	35.4	47.6	81.6	95.3
SHIPPING WEIGHT	LBS	13	21	32	67	125	140	220	255
	KG	5.9	9.5	14.5	30.4	56.7	63.5	99.8	115.7
MANUAL	STD	STD	STD	STD	STD	STD	STD	STD	STD
MOTORISED	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
OUT OF ROUND	-	-	-	OPT	OPT	OPT	OPT	OPT	OPT
RACK ADJUSTABLE	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
DOUBLE TORCH	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
SHAPE CUTTING	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
STORAGE BOX	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
SHORT SADDLE	STD	STD	STD	STD	STD	STD	STD	STD	STD
CUTTING TORCH	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT



ADDITIONAL ATTACHMENTS

Contour cutting attachment and shape templates

Consistent, accurate contours and angles can be cut quickly with TAG Pipe's contour cutting attachment. It allows lateral movement of the torch along the axis of the pipe, precisely following the selected shape of the template.

Double torch arm

This accepts two torch carrier assemblies and two standard oxyacetylene machine torches to make adjacent cuts or bevels simultaneously.

Rack-adjustable machine torch holder

Provides horizontal and vertical rack adjustments, and lead and lag adjustments.

Out-of-round pipe attachment

This keeps the torch at a constant pre-set distance from the pipe wall, despite dents, warps and other imperfections.

Choose TAG Pipe's short saddle flame-cutting/bevelling machine for the most precise cuts on the market with a portable machine.



E-Z PIPECUT NC PIPE CUTTING MACHINE

The TAG E-Z NC Pipe Cutting machine is an NC pipe cutting machine for cutting shapes and concurs in pipes. The TAG E-Z NC Pipe Cutting machine is easy to use and comes with standards cutting shapes for T-Pipe cutting, Elbow Pipe cutting, Saddle Pipe Cutting etc.

The TAG NC Pipe Cutting machine comes standard with the TAG NC controller that allows you to use the standard pre-set loaded shapes witch you can change to your own sizes. The TAG NC Pipe Cutting machine comes standard with CAD/CAM software to make your own cutting programs but gives also the opportunity to up-load your existing cutting drawings in to the TAG NC controller.

The TAG E-Z NC Pipe Cutting machine comes standard for plasma cutting process, as option available oxy-fuel conversion kit.

Minimal lead-time:

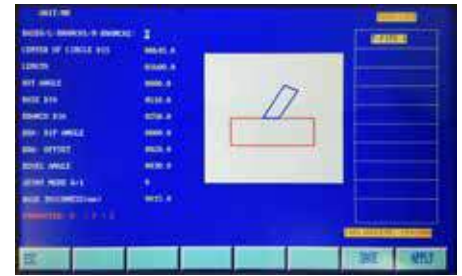
No delivery lead-time

On-demand production

Flexibility in production:

Re-designing of pipes at any time

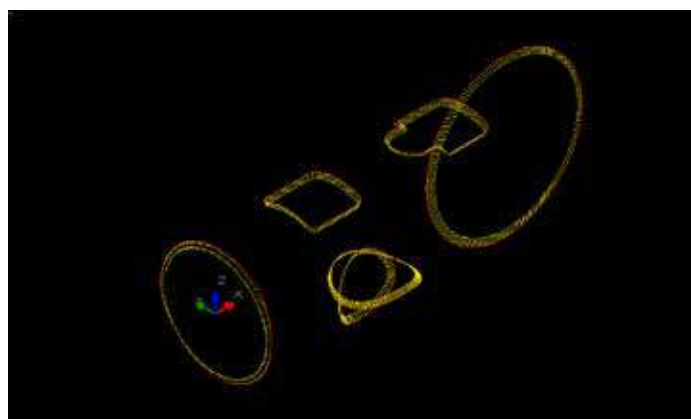
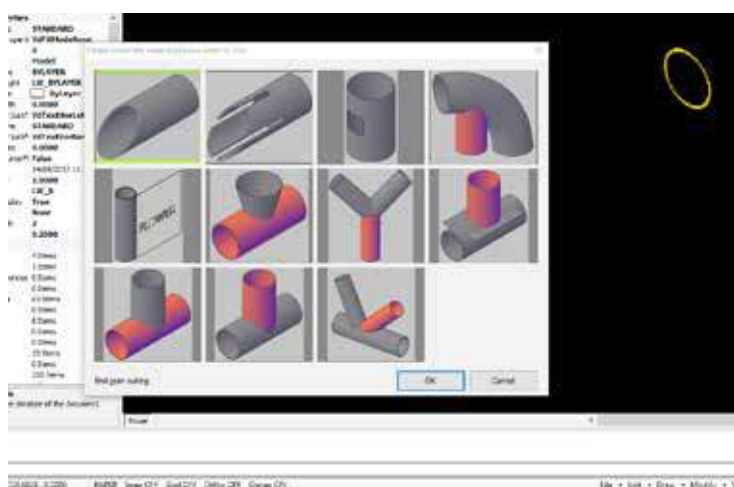
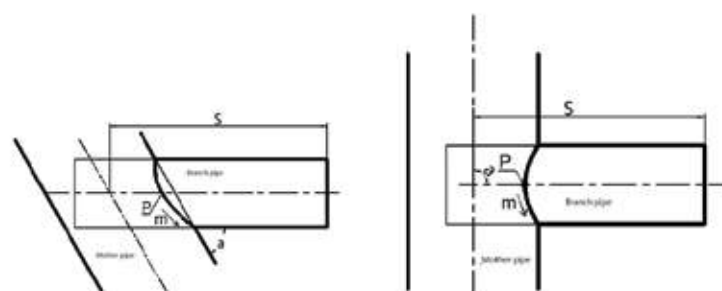
Production of parts based on fitting to the actual final-product (not only depending on drawing)



TECHNICAL SPECIFICATION	
Display	7 inch colour LCD display, 800 * 480 resolution
Speed	2400 mm/min X - Y axes independent in use
Storage	4GB storage capacity
Drive	Step motor drive
Cross-bar	Rack and pinion 1500 mm length with linear guiding
Power	220V
Signal	Arc Volt Divider 50:1
USB	Flash drive connection for loading TXT NC cutting files
Shapes	24 pre-set adjustable cutting shapes / auto nesting
Process	Air Plasma / Oxy-Fuel Universal comparable with all air plasma power sources Oxy-Fuel Universal nozzle mix torch holder
Diameter	24" (600 mm) pipe diameter chain standard
Cutting thickness	20 mm plasma*
Cutting thickness	50 mm oxy-fuel

Scope of delivery

E-Z NC Pipe Cutting machine body
NC controller
Plasma torch holder
24" (600 mm) adjustable chain
CAD/CAM software





E-Z CUT STRAIGHT LINE PORTABLE OXY-FUEL CUTTING MACHINE

Single, dual or welding option

E-Z Cut Straight Line portable oxy-fuel cutting machine can be provided with 1 or 2 universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle.

TAG-100 torch set suitable for straight cutting and bevel cutting up to 45gr

TAG-200 torch set suitable for straight cutting X, Y bevel positive and negative up to 45gr

Step less Drive System

Maximum reliability in most heavy-duty environment Not affected by intense heat and fluctuating voltage, the maximum driving mechanism ensures steady traveling.

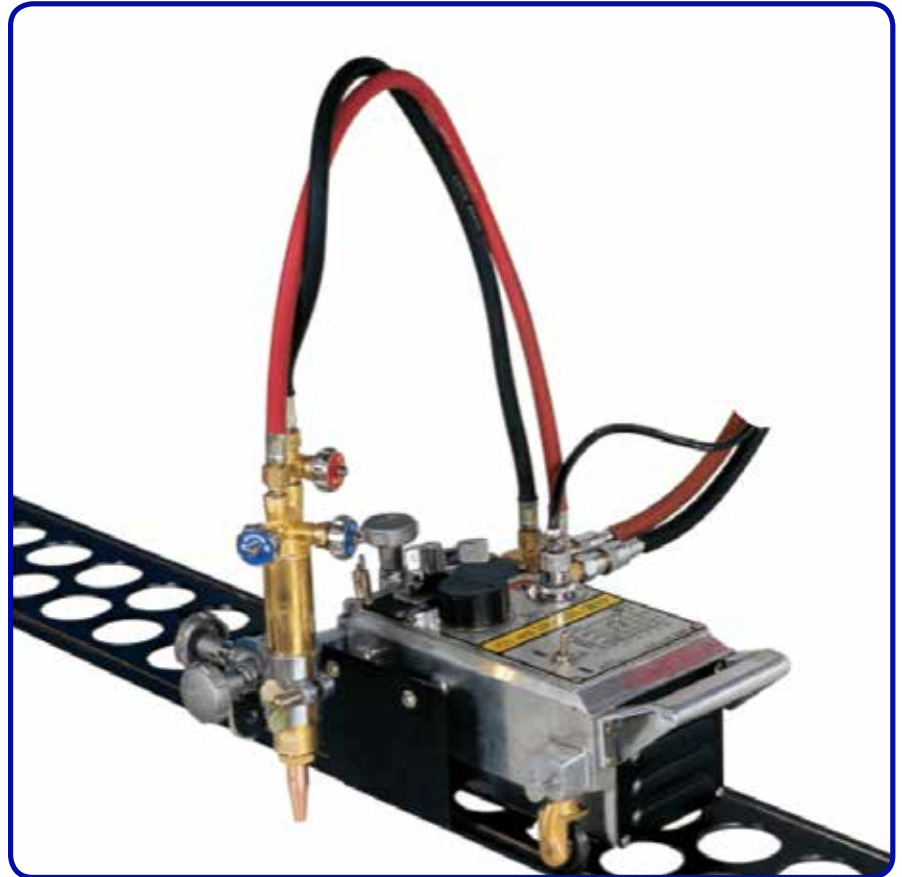
Single Cone Step less Drive System

Ensures extremely smooth speed transition, speed micro-adjustment and constant travel speed, which provides the E-Z Cut Straight Line portable oxy-fuel cutting machine to achieve sharp, fine cuts with a variety of cutting angels.

Each TAG torch set is specially designed for the purpose, ensuring the maximum results.

E-Z Cut Straight Line portable oxy-fuel cutting machine can be used with or without rail.

Extendable 72" (1.8m) track sections - Multiples can be purchased and fitted to increase the cutting length.



TECHNICAL SPECIFICATION	
Part No	EZSC1: 110v EZSC2: 220v
Power Supply	230v / 110v 50 - 60Hz
Drive System	Single cone step less drive system
Wall Thickness	5 - 100mm
Torch	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
Cut/Bevel Angle	Variable up to 45 Degree
Guide Track	1.8m lengths
Cutting Speed	50 - 800mm/min
Weight	9.5kg / 21lbs
Dimensions	350(l) x 140(w) x 175 (h)mm

Scope of Delivery

E-Z Cut Straight Line portable oxy-fuel cutting machine body

Selected torch (TAG-100, TAG-200)

Power cable

Cutting nozzle (5 - 30mm material thickness)

Operation Instructions



E-Z CUT HD STRAIGHT LINE OXY-FUEL PORTABLE CUTTING MACHINE

Heavy duty straight line portable oxy-fuel cutting machine for flat plate use only

The TAG E-Z Cut heavy duty oxy-fuel portable cutting machine can be used for multiple cutting varieties and is known for maximum reliability in most heavy-duty environment.

The TAG E-Z Cut heavy duty oxy-fuel portable cutting machine comes standard with double cone step less drive system. Speed control mechanism of The TAG E-Z Cut heavy duty oxy-fuel portable cutting machine has adopted double cone step less drive system which functions a condenser motor rotating at constant speed (1500rpm @50Hz) to prevent heat and voltage problems from occurring.

Because no reduction gear is employed in the mechanism, any knocking from backlash, noise or vibration does not take place. 50kg maximum loading weight with entire use of heat-resisting grease, high temperature soldering and minimal electrical component.

The TAG E-Z Cut heavy duty oxy-fuel portable cutting machine is reliable and durable for long continuous operation. Also the condenser motor rotating at a constant low speed prolongs the service life of bearing and maintains the machine condition for a long period of time.

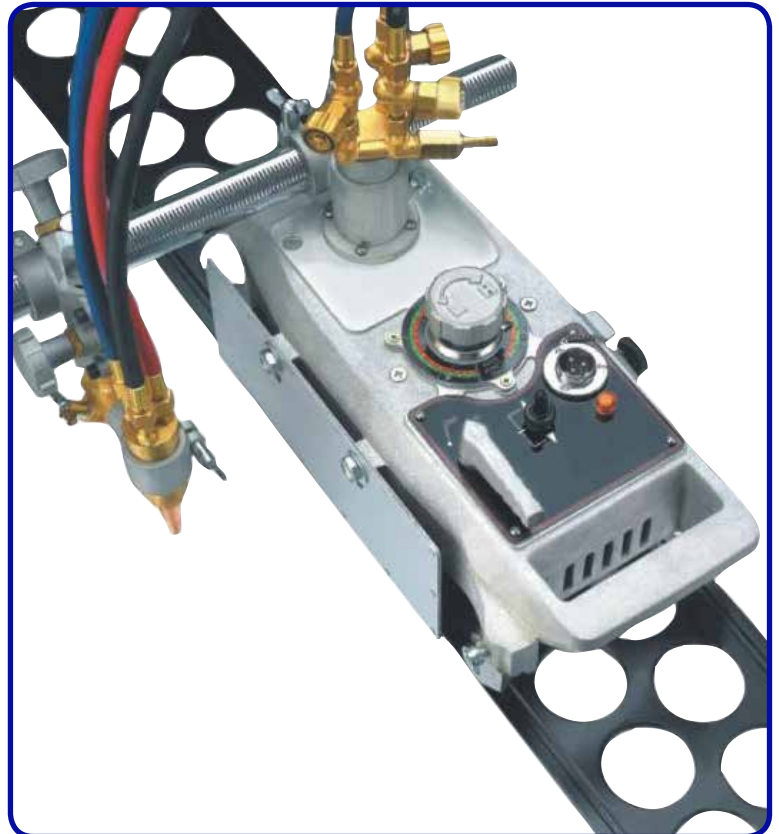
Selectable torch set and rails

The TAG E-Z Cut heavy duty oxy-fuel portable cutting machine can be delivered as standalone body or can be provided with different torch settings.

TAG-100 universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle, torch set suitable for straight cutting and bevel cutting up to 45 Degree.

TAG-200 universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle, torch set suitable for straight cutting and bevel X, Y and positive and negative up to 45 Degree.

Extendable 72" (1.8m) track sections multiples can be purchased and fitted to increase the cutting.



TECHNICAL SPECIFICATION	
Part No	EZHD1 110V EZHD2 220V
Cutting thickness	5 - 100mm
Cutting speed	80 - 800mm/min
Torch	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
Cut/Bevel Angle	Straight, I, Y and X bevel*
Weight	11.5kg / 25.3lbs with TAG-100 torch 16kg / 35.2lbs with TAG-200 torch
Length	Total length 440mm

*Depending on the selected torch setting

Scope of Delivery

Machine body
Power cable
Tip support
Hexagon bolt (2 pcs)
Operation Instructions



E-Z CURVE SERIES *Portable Automatic Hand Cutting Torch*

TAG's E-Z Curve Series is a portable oxy-fuel hand held oxy-fuel cutting machine with an integrated drive system, ignition device and Start-Stop-function for pre-heating flame. It ensures highest cut quality in vertical, circular and shape cutting as well as bevelling.

Besides cutting of flat surfaces it is also possible to perform curved contours on vertical surfaces like H-beams, pipes and bended plates. Thanks to the low weight of 3.5kg E-Z Curve Series can be used as simple as an ordinary hand cutting torch. TAG's E-Z Curve Series comes with auto ignition, one click gas shut off, flame pre-set valves.

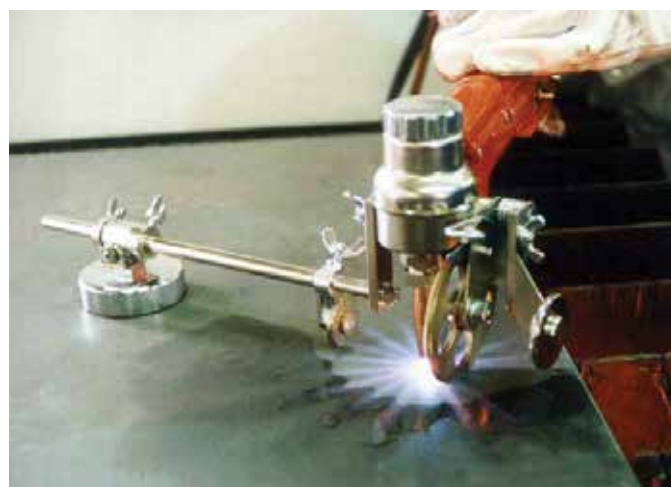
Standard all positions drives

High efficiency performance the drive switch is linked to the cutting oxygen valve causing simultaneous operation of cutting oxygen and drive power. Cutting attachments quickly changed for all types of cutting applications.

E-Z Curve TAG kit

The E-Z Curve TAG kit is a complete kit that will give the operator a variety of cutting options and solutions for optimal performance and comes standard with the following items:

- E-Z Curve body including universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
- Small circle cutting attachment 30 - 120mm
- Bevel cutting attachment variable up to 45 Degree
- Straight cutting attachment
- Guide lever
- AC adaptor with cable
- Cutting nozzles up to 30mm
- Standard tool set
- Steel carrying case



TECHNICAL SPECIFICATION	
Part No	EZCTK
Power Supply	AC 100-240V
Cutting thickness	5 - 30mm
Cutting speed	150 - 530mm/min
Ignition	Automatic ignition
Torch	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
Cut/Bevel Angle	Straight, circle and bevel cutting variable up to 45 Degree
Weight	3.5kg / 7.7lbs
Length	Total length 550mm

Scope of Delivery

E-Z Curve body including universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle

Small circle cutting attachment 30 - 120mm

Bevel cutting attachment variable up to 45 Degree

Straight cutting attachment

Guide lever

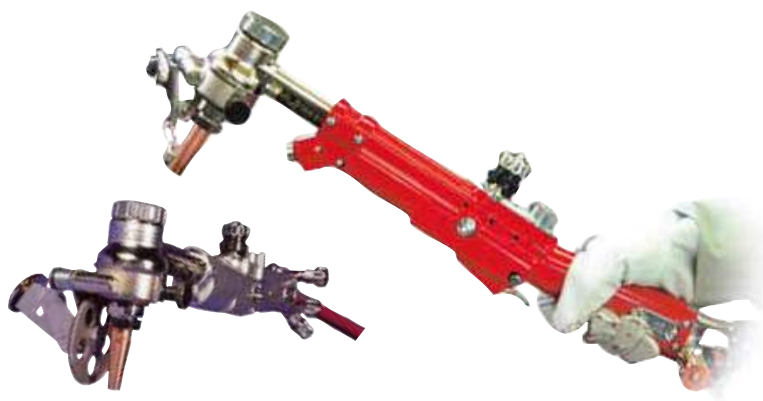
AC adaptor with cable

Cutting nozzles up to 30mm

Standard tool set

Steel carrying case

Operation Instructions





E-Z CUT 3D

3D Shape portable oxy-fuel cutting machine

The E-Z Cut 3D portable oxy-fuel cutting machine can cut in versus angle and shapes. From flat to curved and shaped surfaces, including channel, pipes & vessels, shipbuilding, plate and angled steel. The E-Z Cut 3D portable oxy-fuel cutting machine is very compact and light, easy to handle & transport, making it ideal for ship, vessel, dome and tank/building or repair.

Features and Benefits

All position oxy-fuel cutting

Cuts flat, bended, or twisted steel plates in all positions and directions.

Permanent magnet rails

Secures rail to plate; allows the rail to be used vertically.

Clutch lever

Allows quick positioning of machine on rail.

Amazingly lightweight

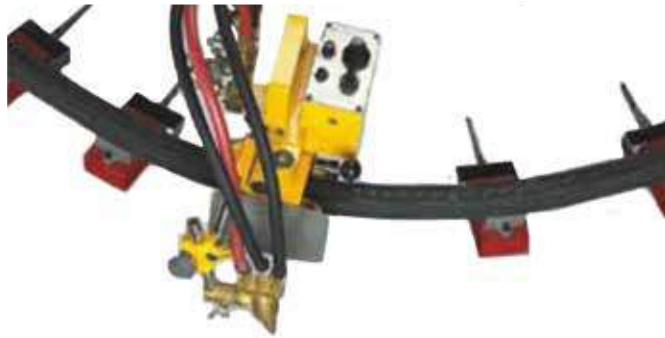
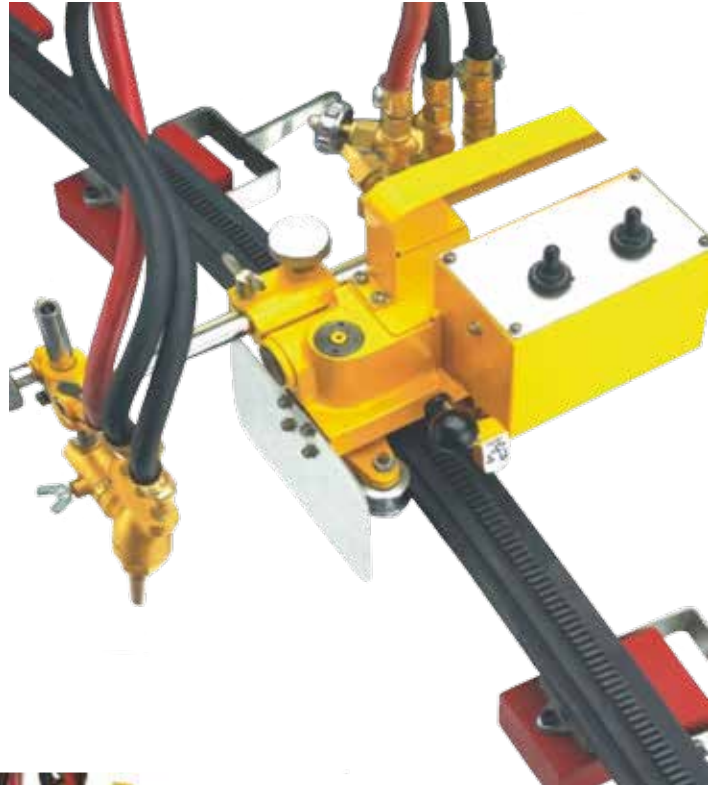
Only 4.5kg and compact; machine can be carried easily to anywhere.

3D 1000mm long, Extendable Flex Track

Ideal for making straight and curved cuts in 1, 2 & 3D. Extendable track enables cutting of long, shaped & contoured steel but with 2000mm (60") minimum curve radius.

The 3D 1000 mm flex track rail is made out of specialized rubber that can handle the heat coming out from the oxy-fuel cutting process. The track comes standard with 5 permanent magnets.

E-Z Cut Portable Oxy-fuel Cutting Machines can be used for the following gas-mix:
Acetylene / Propane / Natural / Ethylene / Mapp



TECHNICAL SPECIFICATION

Part No	EZC3D1: 110v EZC3D2: 230v
Power Supply	230v / 110v 50-60 Hz
Driving method	Rack and pinion
Wall Thickness	5 - 50mm
Torch	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
Cut/Bevel Angle	Variable up to 45 Degree
Min. Curve length	2000mm rad. 60 degree
Speed Control	Dial - Infinitely Variable
Guide Track	3D 1000mm expendable magnetic track
Cutting Speed	150 - 700mm/min
Weight	5 kg / 11lbs
Dimensions	190(l) x 195(w) x 140(h)mm



PIPE BEVELLING MACHINES



**TAG Pipe Beveling Machine
PREP 2**

**½" - 1½" (23mm - 42mm i/d)
(optional 12.5mm)**

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), pneumatic drive or battery form.

Simultaneous external and internal beveling and facing of pipe or 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.



**TAG Pipe Beveling Machine
PREP 3**

**1" - 3" (28mm - 76mm i/d)
(optional 20mm)**

The PREP 3 is one of our most popular i/d locking, in-line feed end prep machines. The PREP 3's power to weight ratio, in electric (110v or 220v), pneumatic drive or battery form is unrivalled.

Simultaneous external and internal beveling 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.



**TAG Pipe Beveling Machine
PREP 4**

1" - 4" (20mm - 111mm i/d)

The PREP 4 is a very popular versatile machine that is robust and extremely powerful. Used in many industries but commonly found in tough in-situ environments, such as power station shut downs.

The PREP 4 boasts an increased locking range of 1" to 4" i/d and is available in pneumatic, electric or battery.



**TAG Pipe Beveling Machine
PREP 8**

2" - 8" (50mm - 203mm i/d)

One of our most powerful and popular small diameter 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 enable simultaneous external, internal beveling of even the heaviest wall pipe and tube, on site, or in the fabshop.

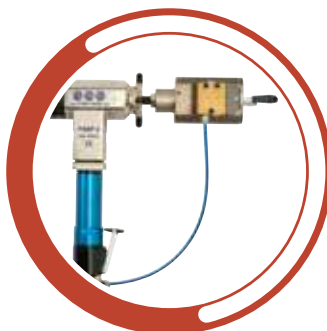
OPTIONS:



Battery Motor



Ratchet Handles



Auto Locking



Elbow Shafts

PIPE BEVELLING MACHINES



TAG Pipe Beveling Machine

PREP 16

3" - 16" (72mm - 406mm i/d)

The PREP 16 is the first in TAG's new range of a heavy duty 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 with in the impressive 3" to 16" range.

J-preps, counter boring, and facing can all be performed, simultaneously, 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.



TAG Pipe Beveling Machine

PREP 20

4" - 20" (100mm - 500mm i/d)

The PREP 20 is an extremely powerful beveling machine, designed to give long life and accurate weld preparations in tough in-situ or engineering workshop environments.

Fully torque reacted throughout its complete range, it uses one centre heavy duty 4" locking shaft with built in plug jaws for rapid set up. Change over time from one diameter to another is achieved quickly and simply.

The PREP 20 is available in pneumatic or with a 3200 Watt heavy duty electric motor.

Available in 110v or 220v power supply.



TAG Pipe Beveling Machine

PREP 24

7" - 24" (180mm - 609mm i/d)

A powerful, heavy duty electric or pneumatic motor drives a reduction gearbox converting 3.5 HP into 12500 Nm of torque!! Rigidity and unrivalled beveling strength are ensured with a 5.9" Locking Shaft with built in plug jaws, a bolt in 6 point locking system allows the PREP 24 to cover an impressive range of 7" to 24"!

Both locking and feeding are controlled by ratchet, enabling the operator to lock into the pipe in seconds, and provide a consistent bevel feed, for the perfect surface finish, even on heavy wall pipes.



SPBM (Stationary Pipe Beveling Machine)

2" - 80" (50 - 610mm)

The SPBM range of stationary pipe end beveling machines are specifically designed for production of end bevels on pipes, quickly, accurately and simply.

Thanks to the stability of the SPBM Machines, every end prep is identical. These machines are the answer to Pipe fabshop requirements for maximum productivity. All materials of pipe can be bevelled. Machines can be supplied as manual, or electrically automated locking and feeding versions.



TAG High Speed Cutting & Beveling Machine

2" - 24" (50 - 610mm)

Automated, super fast, CNC operated pipe cutting and double beveling machine. The perfect machine for bulk pipe work prefabrication. This machine has a fully automated front and back clamping systems, automatic feeding, built in coolant system, all being controlled by a touch screen computer with programmed, easy to use preset parameters for all jobs.



PIPE EQUIPMENT SPECIALISTS



MANIPULATION AND AUTOMATION EQUIPMENT

We are proud to introduce **PES (Pipe Equipment Specialists BVBA)** as a wholly owned subsidiary of **TAG-PIPE** based in Belgium.

PES are engaged in a continuous research and development program to provide welding automation and manipulation equipment and systems geared to the fast changing needs of the welding industry for welding and cladding/overlay.

PES has partnerships with some of the world's leading companies in their respective fields and offers cross-integration solutions, consultancy and training activities.

PES are specialist manufacturers, designers, innovators and integrators of a wide range of manipulation and automation equipment for fabrication workshops and on site activities.

www.PES-EUROPE.com



PIPE & INDUSTRIAL TOOLS

PIPE RIGGING EQUIPMENT

We are proud to introduce **B&B Pipe and Industrial Tools LLC** a sister company of **TAG-PIPE** based in Houston, Texas, USA.

B&B are engaged in mirroring business activities of **TAG-PIPE**, however, in addition, manufacture their own range of Pipe Rigging Rollers and Slings that we are pleased to promote on their behalf outside of North and South America.



www.BBPIPETOOLS.com



HEAT EXCHANGER, BOILER AND TUBE BUNDLE EQUIPMENT

TAG-PIPE is proud to be the UK's Exclusive/Sole Distributor of the **Maus Italia** range of Tube Tools for both the production and maintenance of Heat Exchangers, Condensers, Boilers and Tube Bundles.

Products Include:

- Tube Expanders
- Tube Expanding Machines
- Tube Cutting Tools and Machines
- Tube Rolling Machines
- Tube Pulling Tools and Machines
- Tube to Tube sheet Welding Technology
- Tube Bundle Extraction, Cutting and Transportation Equipment



www.MAUSITALIA.IT



PIPE EQUIPMENT SPECIALISTS LTD
OTHER PRODUCTS INCLUDE...

PIPE ALIGNMENT CLAMPS



PIPE STANDS & ROLLERS



PIPE PURGING EQUIPMENT



PURGE MONITORS



LAYOUT & MARKING TOOLS



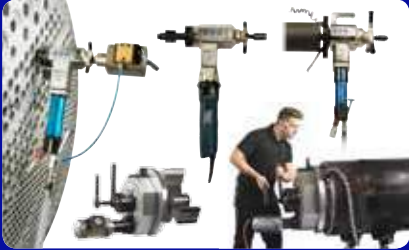
PIPE STOPPERS





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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