



JUNE 2023

PIPE EQUIPMENT SPECIALISTS COMPLETE BROCHURE

PIPE BEVELLING MACHINES



PIPE COLD CUTTING AND BEVELLING MACHINES



PLATE BEVELLERS





SPECIALIZED FABRICATION EQUIPMENT GROUP

Introduction to S.F.E. Group

S.F.E. Group was founded in 2019 after the merger of three world leading OEM's in the field of pipe fabrication tooling and machinery: B&B Pipe and Industrial Tools LLC (USA), Mathey Dearman Inc. (USA) and TAG Pipe Equipment Specialists (UK). The most recent acquisition dates back to the start of 2022 when the Axxair Group was added to the S.F.E. Group.

S.F.E. Group offers a wide range of products and is continuously exploring new product design and development, as well as add-on acquisitions to enhance its portfolio and to fulfil increasing industries' demands.

With offices and warehousing on 4 continents, 120 employees and more than 250 partnerships and distributors worldwide, S.F.E. Group prides itself in consistently offering the highest standard of both product quality and service to all its customers.

S.F.E. Group looks forward to welcoming you into its global network as a partner, distributor or end user customer and remains at your disposal at any time.



S.F.E. GROUP HEAD OFFICE - USA



S.F.E. GROUP HEAD OFFICE - FRANCE

OUR BRANDS

| | | | | | |
|---|---|---|--|---|--|
| MATHEY DEARMAN Where There's Pipe, There's Mathey! PIPE FLAME CUTTING AND BEVELLING PIPE ALIGNMENT AND REFORMING CLAMPS PIPE RIGGING EQUIPMENT www.MATHEY.COM | B&B Pipe & Industrial Tools The Pipe Fabricators Source PIPE JACK AND STANDS MEGA ROLLERS AND STANDS MATERIAL HANDLING EQUIPMENT www.BBPIPETOOLS.COM | TAG PIPE EQUIPMENT SPECIALISTS World Leading Manufacturer of Pipe Beveling and Cutting Machines PIPE BEVELLING MACHINES PIPE COLD CUTTING MACHINES www.TAG-PIPE.COM | AXXAIR Innovative Orbital Solutions ORBITAL CUTTING / BEVELLING AND FACING ORBITAL WELDING www.AXXAIR.COM | PPM PIPE PURGE MASTERS Purging Solutions for the perfect pipe weld! PIPE PURGING SYSTEMS PURGE OXYGEN MONITOR PIPE ISOBARRS www.PURGEMASTERS.COM | FIT-UP PRO By Mathey Dearman The Pipe Fitters Companion FIT-UP AND ALIGNMENT TOOLS LAYOUT AND MARKING TOOLS www.FIT-UP-PRO.COM |
|---|---|---|--|---|--|



PIPE EQUIPMENT SPECIALISTS

Introduction to TAG Pipe Equipment Specialists

The company TAG Pipe Equipment Specialists LTD (TAG PIPE) was originally founded in the United Kingdom in 1985. Its core activities were the manufacturing and supplying of pipework fabrication tools and machinery, as well as handling equipment. Over the years TAG PIPE became internationally one of the foremost leaders in its field.

S.F.E. Group's TAG PIPE range of cold cutting and bevelling machines is established and recognised as one of the world's leading and prominent brands.

Being one of the driving factors of the organization's success, TAG PIPE's range of pipe cutting and bevelling machines warranted becoming its own brand in 2019 following the merger in 2019 of B&B Pipe and Industrial Tools LLC (USA), Mathey Dearman Inc. (USA) and TAG Pipe Equipment Specialists (UK) and the recent addition in 2022 of AXXAIR (France) into Specialized Fabrication Equipment (S.F.E.) Group.

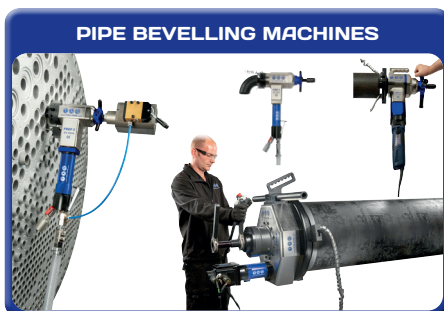
Backed by more than 35 years of development, S.F.E. Group's brand TAG PIPE not only ensures the highest quality heavy duty machines utilising the latest technology, but also an emphasis on continuous R&D.

As an OEM, S.F.E. Group prides itself being renowned for its innovations, ground-breaking developments and patented designs within the TAG PIPE range. With its engineering capabilities, customer-oriented focus and flexibility, the TAG PIPE brand provides the possibility to design out-of-the-box machining applications and solutions to fulfil customers' projects' specific needs in particular and to cater for an ever-evolving industry in general.

The TAG PIPE brand portfolio consists of a complete range of portable pipe bevel machines (**PREP machines** covering 1" - 24"), the TAG PIPE cutting and bevelling **splitframe clamshell machines** (1" - 120"), as well as the stationary, yet moveable **EZ FAB machines** (2" - 16") for pipe cutting and bevelling, the EZ pipe saws and finally the **PMM plate bevel machines**.

TAG PIPE's products are available from the international S.F.E. Group branches on 4 continents, as well as from S.F.E. Group's extensive and continuously expanding global network of partners and distributors.

Please do not hesitate to contact us for any pipe cutting and bevelling application.



TAG manufactures a large range of i/d locking portable end PREP machines ranging from ½" to 42". TAG bevelling machines can produce all types of weld preparations required on any kind of metals from standard carbon steel to tough material such as super duplex and inconel.



TAG also manufactures a diverse range of small, medium and large diameter pipe cutting and bevelling machines for both workshop and job site applications covering from 1" to 120" pipe.

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SPECIALIZED FABRICATION EQUIPMENT
GROUP

*Our group policy is one of continuous improvements and acquisitions.
Products and data tables are subject to change and may vary from those illustrated.*

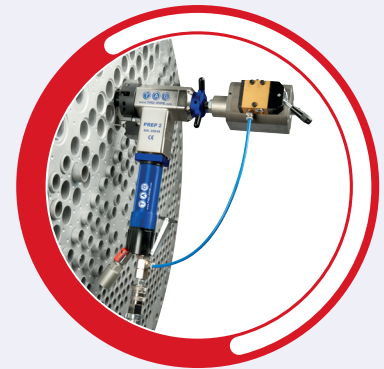
OUR BRANDS





PIPE EQUIPMENT SPECIALISTS

PREP 2 PIPE BEVELLING 1/2" to 1 1/2"



SCAN QR CODE
TO WATCH VIDEO



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

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

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

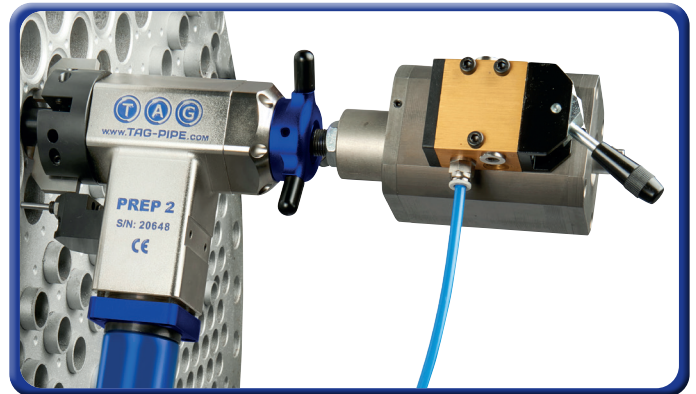


FEATURES AND ADVANTAGES

The PREP 2 is torque reactive. This means that the pipe or tube does not have to be fixed to be bevelled, making it particularly useful on-site, in maintenance and repair situations. This is due to the design and strength of the thru shaft system that locks to the bore of the pipe.

The jaw system itself consists of 3 equilateral positioned machined jaw segments, retained and locked on an inner, 'grooved' expansion shaft. These grooves keep the jaws held securely in position, unlike other systems that use a metal or rubber bands for jaw retention. As the expansion nut is tightened, the jaws expand, locking tightly, and square to the bore of the pipe.

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



POWER OPTIONS:

PNEUMATIC

PART NO. TP2P

ELECTRIC

PART NO. TP2E110
PART NO. TP2E220

BATTERY

PART NO. TP2B110
PART NO. TP2B220

PNEUMATIC ALD

PART NO. TP2PALD

COMPLETE LEVER

PART NO. TP2PALL

ACCESSORIES AND OPTIONS:

REDUCED SHAFT

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

PART NO. TP2RSK

ELBOW / FITTINGS SHAFT

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

PART NO. TP2ESK

AUTO LOCK

Used with
pneumatic
machines only

PART NO. TP2ALD

RATCHET HANDLES

PART NO. TP2RHK

FEED STOPPER

PART NO. TP2FSK

MILLING HEADS

PART NO. CTBHSF***

PREP 2 TECHNICAL FEATURES

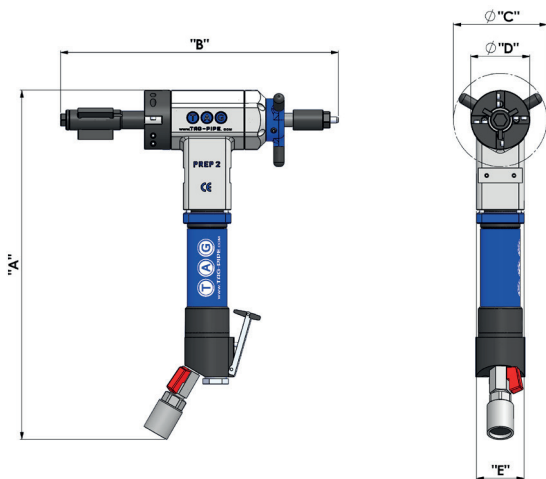
| DESCRIPTION | MEASUREMENT | PNEUMATIC | ELECTRIC | BATTERY |
|---------------------------|--------------|-------------------------------|-------------------------------|-------------------------------|
| Part Number | n/a | TP2P / TP2PALD / TP2PALL | TP2E110 / TP2E220 | TP2B110 / TP2B220 |
| Locking tube range | mm (i/d) | 23 - 42 optional from 12.5 | 23 - 42 optional from 12.5 | 23 - 42 optional from 12.5 |
| Locking tube range | inch (i/d) | 0.9 - 1.5" optional from 0.5" | 0.9 - 1.5" optional from 0.5" | 0.9 - 1.5" optional from 0.5" |
| Idle speed | rpm | 5 - 215 | 5 - 250 | 80 / 120 / 160 |
| Torque | N m | 56 | 50 | 60 |
| Length of axial feed | mm | 24 | 24 | 24 |
| Max operating temperature | °C | 55 | 55 | 55 |
| Max acoustic radiation | dB | 75 | 75 | 75 |
| Pneumatic motor power | hp | 0.7 | n/a | n/a |
| Air consumption | cfm / l/min. | 28 / 800 | n/a | n/a |
| Air working pressure | psi / bar | 90 / 6.5 | n/a | n/a |
| Air hose connection | inches | ½" | n/a | n/a |
| Electric motor power | watt | n/a | 720 | 800 |
| Voltage | volt | n/a | 110 or 220 | charger 110 or 220 |
| Frequency | Hz | n/a | 50 / 60 | charger 50 / 60 |
| Unit weight | kg / lbs | 4.8 / 10.6 | 5.5 / 12 | 5.7 / 12.5 |
| Packing dimensions | mm | 545 x 400 x 120 | 545 x 400 x 120 | 560 x 570 x 120 |
| Packing weight | kg / lbs | 13.5 / 30 | 14.5 / 32 | 15.5 / 34 |

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

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



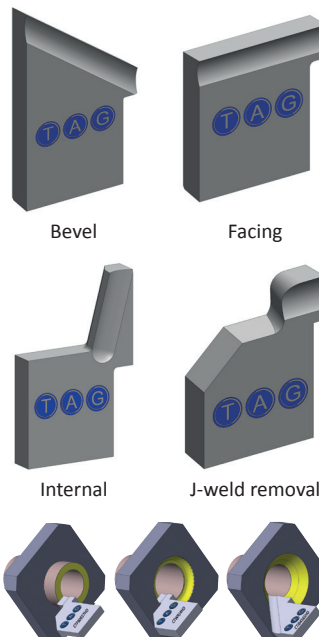
DIMENSIONS



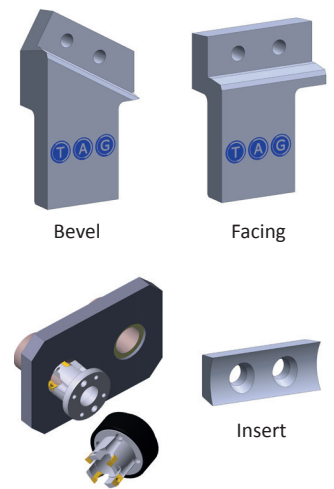
| DIM | PNEUMATIC | ELECTRIC | BATTERY |
|-----|-----------|----------|---------|
| A | 400mm | 430mm | 470mm |
| B | 316mm | 316mm | 316mm |
| ØC | 106mm | 106mm | 106mm |
| ØD | 67mm | 67mm | 67mm |
| E | 54mm | 72mm | 72mm |

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT

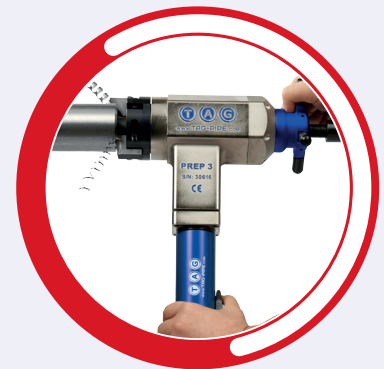
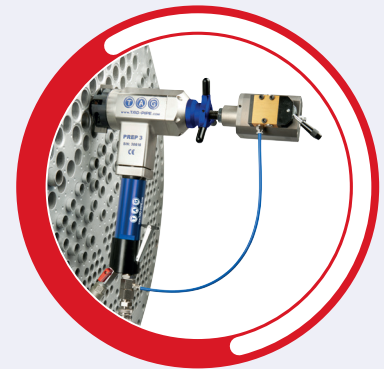


All shapes, sizes and angles available

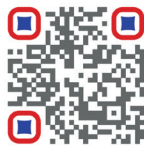


PIPE EQUIPMENT SPECIALISTS

PREP 3 PIPE BEVELLING 1" to 3"



SCAN QR CODE
TO WATCH VIDEO



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

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

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

A 4-jaw tool holder (chuck) allows use of up to 4 insert or formed tools to enable beveling of heavy wall pipe and tube. Simultaneous external, internal and facing of tubes can be performed with ease for accurate repetitive work. Its size, power, and functionality, makes it extremely popular in high volume boiler repair and maintenance work, tube facing, weld removal, and J-prepping of the tube plates and panels.

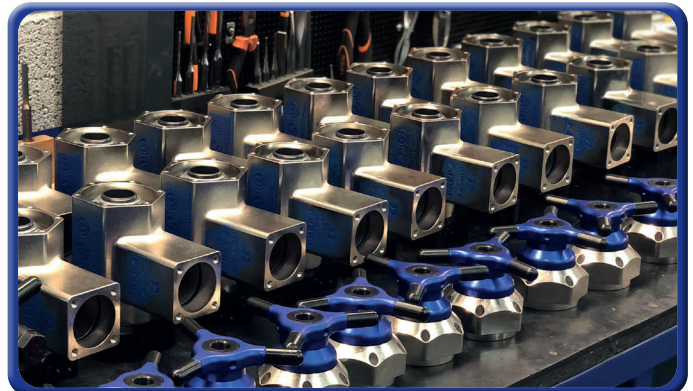


FEATURES AND ADVANTAGES

The PREP 3 is torque reactive. This means that the pipe or tube does not have to be fixed to be bevelled, making it particularly useful on-site, in maintenance and repair situations. This is due to the design and strength of the thru shaft system that locks to the bore of the pipe.

The jaw system itself consists of 3 equilateral positioned machined jaw segments, retained and locked on an inner, 'grooved' expansion shaft. These grooves keep the jaws held securely in position, unlike other systems that use a metal or rubber bands for jaw retention. As the expansion nut is tightened, the jaws expand, locking tightly, and square to the bore of the pipe.

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



POWER OPTIONS:

PNEUMATIC



PART NO. TP3P

ELECTRIC



PART NO. TP3E110 / TP3E220

BATTERY



PART NO. TP3B110 / TP3B220

PNEUMATIC ALD



PART NO. TP3PALD

ACCESSORIES AND OPTIONS:

REDUCED SHAFT

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



PART NO. TP3RSKV2

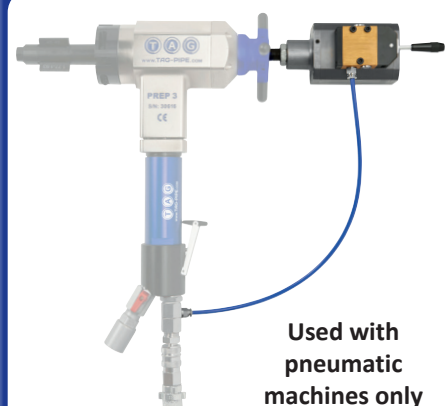
ELBOW / FITTINGS SHAFT



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

PART NO. TP3ESKV2

AUTO LOCK



Used with
pneumatic
machines only

PART NO. TP3ALD

RATCHET HANDLES



PART NO. TP3RHKV2

FEED STOPPER



PART NO. TP3FSK

MILLING HEADS



PART NO. CTMH*BMR**

PREP 3 TECHNICAL FEATURES

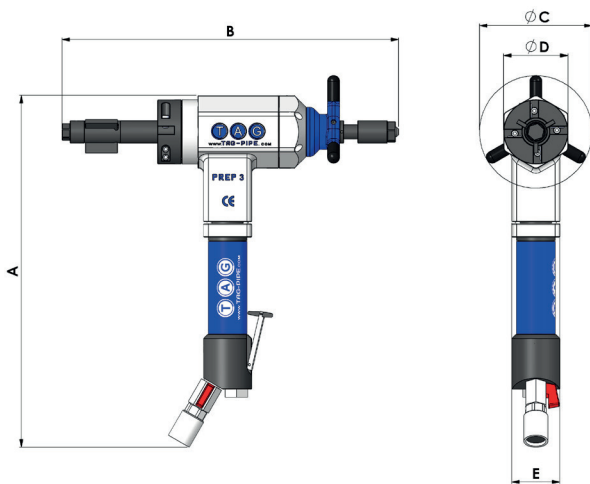
| DESCRIPTION | MEASUREMENT | PNEUMATIC | ELECTRIC | BATTERY |
|---------------------------|--------------|---------------------------|---------------------------|---------------------------|
| Part Number | n/a | TP3P / TP3PALD | TP3E110 / TP3E220 | TP3B110 / TP3B220 |
| Locking tube range | mm (i/d) | 28 - 76 optional from 20 | 28 - 76 optional from 20 | 28 - 76 optional from 20 |
| Locking tube range | inch (i/d) | 1 - 3" optional from 0.8" | 1 - 3" optional from 0.8" | 1 - 3" optional from 0.8" |
| Idle speed | rpm | 5 - 120 | 5 - 82 | 23 / 37 / 50 |
| Torque | N m | 140 | 152 | 140 |
| Length of axial feed | mm | 40.5 | 40.5 | 40.5 |
| Max operating temperature | °C | 55 | 55 | 55 |
| Max acoustic radiation | dB | 75 | 75 | 75 |
| Pneumatic motor power | hp | 1.35 | n/a | n/a |
| Air consumption | cfm / l/min. | 36 / 1020 | n/a | n/a |
| Air working pressure | psi / bar | 90 / 6.5 | n/a | n/a |
| Air hose connection | inches | ½" | n/a | n/a |
| Electric motor power | watt | n/a | 1300 | 800 |
| Voltage | volt | n/a | 110 or 220 | charger 110 or 220 |
| Frequency | Hz | n/a | 50 / 60 | charger 50 / 60 |
| Unit weight | kg / lbs | 8.9 / 19.5 | 9.9 / 22 | 10.4 / 23 |
| Packing dimensions | mm | 640 x 500 x 140 | 640 x 500 x 140 | 640 x 640 x 140 |
| Packing weight | kg / lbs | 23 / 51 | 24 / 53 | 25 / 55 |

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

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



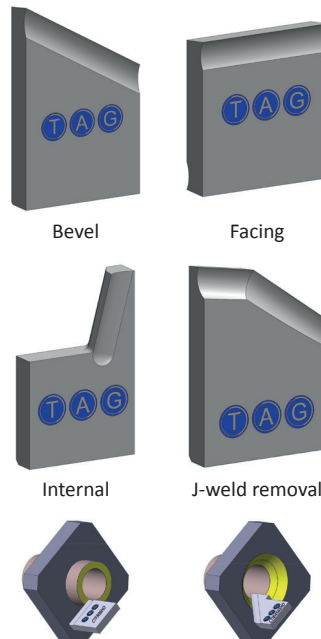
DIMENSIONS



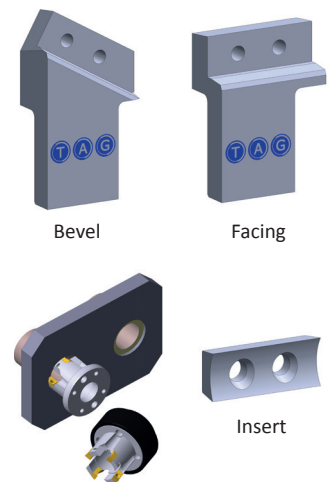
| DIM | PNEUMATIC | ELECTRIC | BATTERY |
|-----|-----------|----------|---------|
| A | 435mm | 500mm | 530mm |
| B | 402mm | 402mm | 402mm |
| ∅C | 140mm | 140mm | 140mm |
| ∅D | 80mm | 80mm | 80mm |
| E | 60mm | 90mm | 90mm |

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT



All shapes, sizes and angles available



PIPE EQUIPMENT SPECIALISTS

PREP 4 PIPE BEVELLING 1" to 4"



SCAN QR CODE
TO WATCH VIDEO



TAG **PREP 4**
Portable Pipe Beveling Machine

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

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

The PREP 4 is one of our most popular i/d locking, in-line feed end prep machines. The PREP 4's power to weight ratio, in electric, battery (110v or 220v), or pneumatic drive form is unrivalled. A 4-jaw tool holder (chuck) allows use of up to 4 insert or formed tools to enable beveling of heavy wall pipe and tube, simultaneous external, internal and facing of tubes can be performed with ease for accurate repetitive work. Its size, power, and functionality, makes it extremely popular in high volume boiler repair and maintenance work, tube facing, weld removal, and J-prepping of the tube plate.

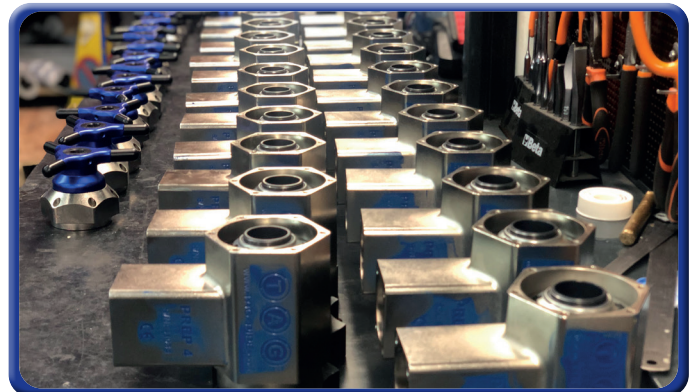
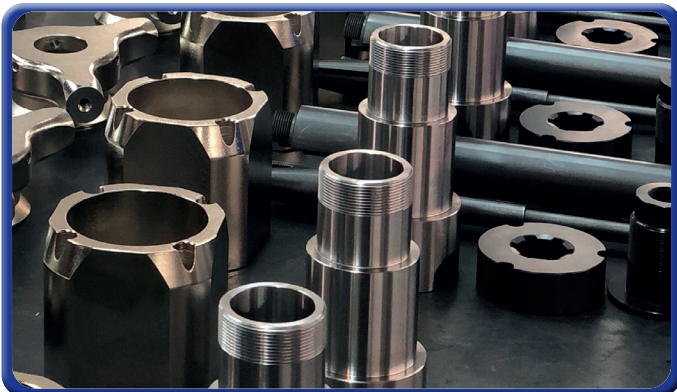


FEATURES AND ADVANTAGES

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

The jaw system itself consists of 3 equilateral positioned machined jaw segments, retained and locked on an inner, 'grooved' expansion shaft. These grooves keep the jaws held securely in position, unlike other systems that use a metal or rubber bands for jaw retention. As the expansion nut is tightened, the jaws expand, locking tightly, and square to the bore of the pipe.

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



POWER OPTIONS:

PNEUMATIC



PART NO. TP4P

ELECTRIC



PART NO. TP4E110 / TP4E220

BATTERY



PART NO. TP4B110 / TP4B220

PNEUMATIC ALD



PART NO. TP4PALD

ACCESSORIES AND OPTIONS:

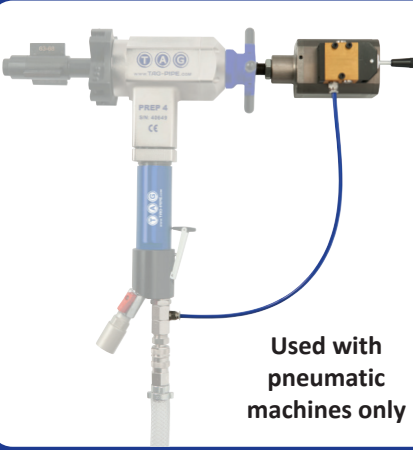
ELBOW / FITTINGS SHAFT



**38 - 111mm i/d
1.5 - 4" i/d**

PART NO. TP4ESKV2

AUTO LOCK



**Used with
pneumatic
machines only**

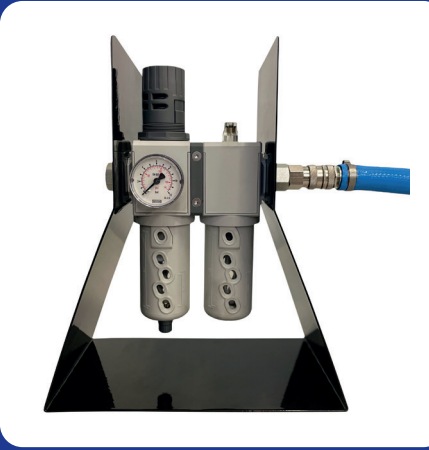
PART NO. TP4ALD

RATCHET HANDLES



PART NO. TP4RHKV2

FILTER LUBRICATOR



PART NO. AFL1



PREP 4 TECHNICAL FEATURES

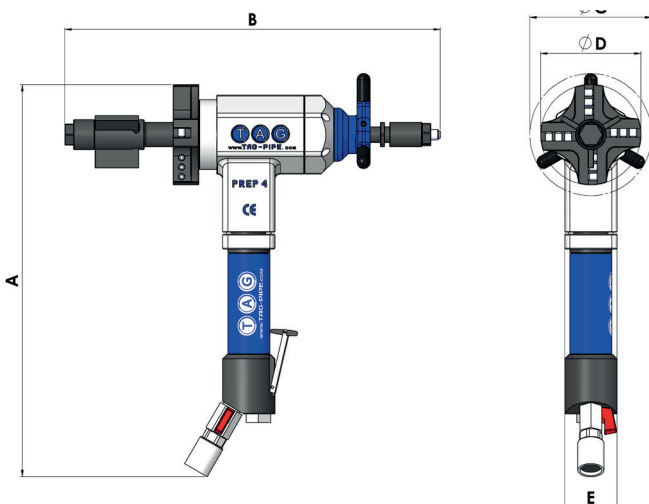
| DESCRIPTION | MEASUREMENT | PNEUMATIC | ELECTRIC | BATTERY |
|---------------------------|--------------|-----------------|-------------------|--------------------|
| Part Number | n/a | TP4P / TP4PALD | TP4E110 / TP4E220 | TP4B110 / TP4B220 |
| Locking tube range | mm (i/d) | 23 - 112 | 23 - 112 | 23 - 112 |
| Locking tube range | inch (i/d) | 1 - 4" | 1 - 4" | 1 - 4" |
| Idle speed | rpm | 5 - 100 | 5 - 82 | 23 / 37 / 50 |
| Torque | N m | 176 | 152 | 140 |
| Length of axial feed | mm | 40.5 | 40.5 | 40.5 |
| Max operating temperature | °C | 55 | 55 | 55 |
| Max acoustic radiation | dB | 75 | 75 | 75 |
| Pneumatic motor power | hp | 1.35 | n/a | n/a |
| Air consumption | cfm / l/min. | 36 / 1020 | n/a | n/a |
| Air working pressure | psi / bar | 90 / 6.5 | n/a | n/a |
| Air hose connection | inches | ½" | n/a | n/a |
| Electric motor power | watt | n/a | 1300 | 800 |
| Voltage | volt | n/a | 110 or 220 | charger 110 or 220 |
| Frequency | Hz | n/a | 50 / 60 | charger 50 / 60 |
| Unit weight | kg / lbs | 9.4 / 20.7 | 10.4 / 23 | 11.1 / 24.5 |
| Packing dimensions | mm | 640 x 500 x 140 | 640 x 500 x 140 | 640 x 640 x 140 |
| Packing weight | kg / lbs | 28.5 / 63 | 29.5 / 65 | 30.5 / 67 |

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



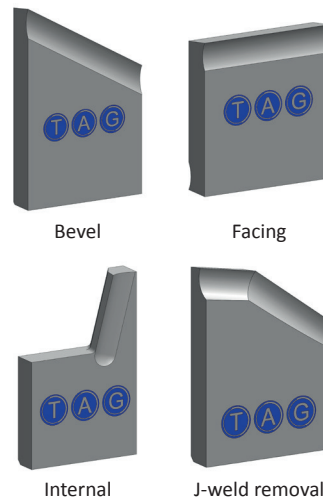
DIMENSIONS



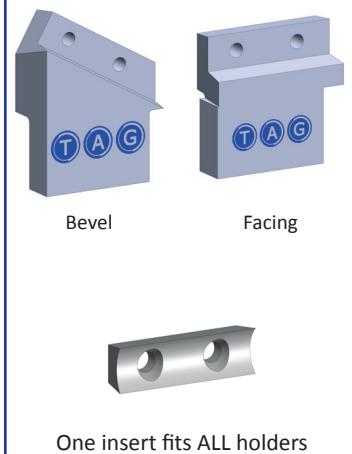
| DIM | PNEUMATIC | ELECTRIC | BATTERY |
|-----|-----------|----------|---------|
| A | 455mm | 510mm | 540mm |
| B | 434mm | 434mm | 434mm |
| ∅C | 140mm | 140mm | 140mm |
| ∅D | 115mm | 115mm | 115mm |
| E | 60mm | 90mm | 90mm |

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT



All shapes, sizes and angles available



PIPE EQUIPMENT SPECIALISTS

PREP 8 PIPE BEVELLING 2" to 8"



SCAN QR CODE
TO WATCH VIDEO



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

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

One of our most powerful and popular i/d locking, in-line feed end prep machines. This is mainly due to its impressive 2 - 8" working range and unrivalled power. The PREP 8 is a portable, one man operation machine, its power to weight ratio, and offset 4-jaw tool holder (chuck) allows use of up to 4 insert or formed tools to enables simultaneous external, internal beveling of even the heaviest wall pipe. 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 workshop.



FEATURES AND ADVANTAGES

The PREP 8 is torque reactive. This means that the pipe or tube does not have to be fixed to be bevelled, making it particularly useful on-site, in maintenance and repair situations. This is due to the design and strength of the thru shaft system that locks to the bore of the pipe.

The jaw system itself consists of 3 equilateral positioned machined jaw segments, retained and locked on an inner, 'grooved' expansion shaft. These grooves keep the jaws held securely in position, unlike other systems that use a metal or rubber bands for jaw retention. As the expansion nut is tightened, the jaws expand, locking tightly, and square to the bore of the pipe.

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



POWER OPTIONS:

PNEUMATIC



PART NO. TP8P

ELECTRIC



PART NO. TP8E110 / TP8E220

PNEUMATIC ALD



PART NO. TP8PALD



ACCESSORIES AND OPTIONS:

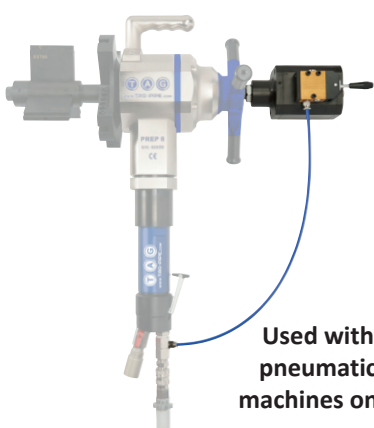
ELBOW / FITTINGS SHAFT



56 - 215mm i/d
2 - 8" i/d

PART NO. TP8ESK

AUTO LOCK



Used with
pneumatic
machines only

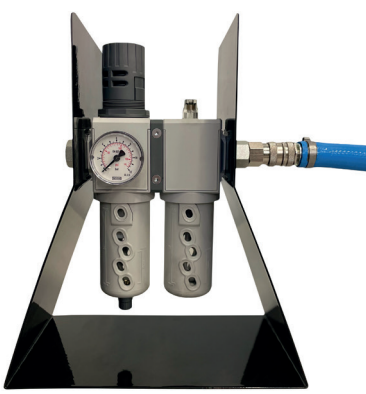
PART NO. TP8ALD

RATCHET HANDLES



PART NO. TP8RHK

FILTER LUBRICATOR



PART NO. AFL1



PREP 8 TECHNICAL FEATURES

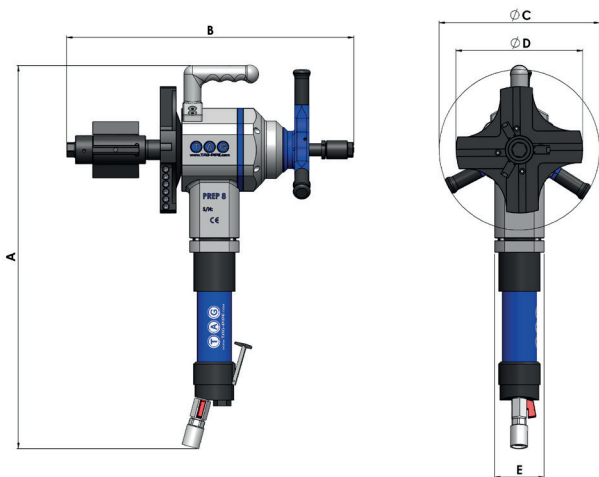
| DESCRIPTION | MEASUREMENT | PNEUMATIC | ELECTRIC |
|---------------------------|--------------|-----------------|-------------------|
| Part Number | n/a | TP8P / TP8PALD | TP8E110 / TP8E220 |
| Locking tube range | mm (i/d) | 50 - 211 | 50 - 211 |
| Locking tube range | inch (i/d) | 2 - 8" | 2 - 8" |
| Idle speed | rpm | 5 - 52 | 5 - 34 |
| Torque | N m | 265 | 280 |
| Length of axial feed | mm | 40 | 40 |
| Max operating temperature | °C | 55 | 55 |
| Max acoustic radiation | dB | 75 | 75 |
| Pneumatic motor power | hp | 1.85 | n/a |
| Air consumption | cfm / l/min. | 50 / 1400 | n/a |
| Air working pressure | psi / bar | 90 / 6.5 | n/a |
| Air hose connection | inches | ¾" | n/a |
| Electric motor power | watt | n/a | 1900 |
| Voltage | volt | n/a | 110 or 220 |
| Frequency | Hz | n/a | 50 / 60 |
| Unit weight | kg / lbs | 25 / 55 | 26 / 57 |
| Packing dimensions | mm | 830 x 780 x 250 | 830 x 610 x 250 |
| Packing weight | kg / lbs | 55 / 121 | 54 / 119 |

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

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



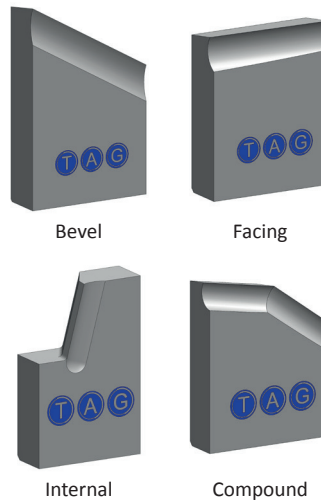
DIMENSIONS



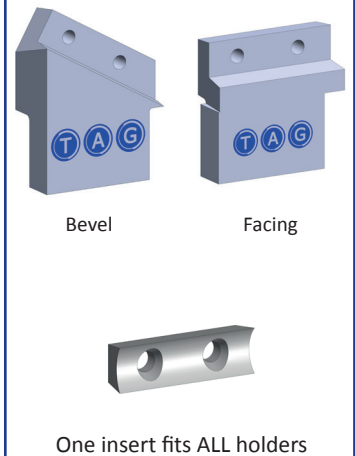
| DIM | PNEUMATIC | ELECTRIC |
|-----|-----------|----------|
| A | 670mm | 700mm |
| B | 520mm | 520mm |
| ∅C | 278mm | 278mm |
| ∅D | 220mm | 220mm |
| E | 86mm | 90mm |

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT



All shapes, sizes and angles available



PIPE EQUIPMENT SPECIALISTS

PREP 16 PIPE BEVELLING 3" to 16"



SCAN QR CODE
TO WATCH VIDEO



TAG **PREP 16**
Portable Pipe Beveling Machine

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

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



FEATURES AND ADVANTAGES

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

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

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

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



POWER OPTIONS:

SERVO ELECTRIC

RECOMMENDED



**PATENT
 PENDING**

PART NO. TP16SE110 / TP16SE220

PNEUMATIC



PART NO. TP16P

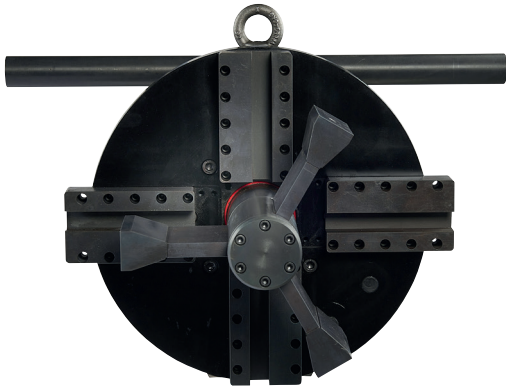
HYDRAULIC



PART NO. TP16H

FEATURES:

SELF-CENTERING



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

UNRIVALLED POWER AND STABILITY



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

SERVO ELECTRIC



RECOMMENDED

**PATENT
PENDING**

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

LIFTING HANDLES



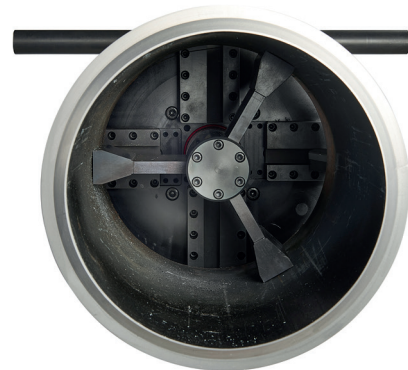
To enable ease of set up, the machine is equipped with lifting handles and removable extensions so the machine can be easily installed, and removed from the pipe.

RATCHET FEED AND LOCKING



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

SIX POINT LOCKING



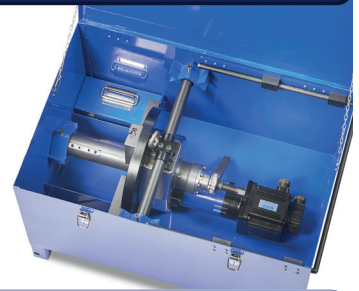
Innovative wide locking jaws offer 6 point locking from 3 jaws giving superior clamping force for chatter free end preps.

PREP 16 TECHNICAL FEATURES

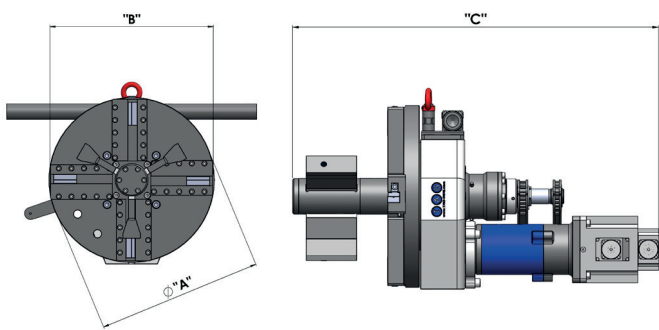
| DESCRIPTION | MEASUREMENT | PNEUMATIC | SERVO ELECTRIC | HYDRAULIC |
|------------------------------|-----------------|-------------------------|-------------------------|-------------------------------|
| Part Number | n/a | TP16P | TP16SE110 / TP16SE220 | TP16H |
| Locking tube range | mm / inch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

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

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



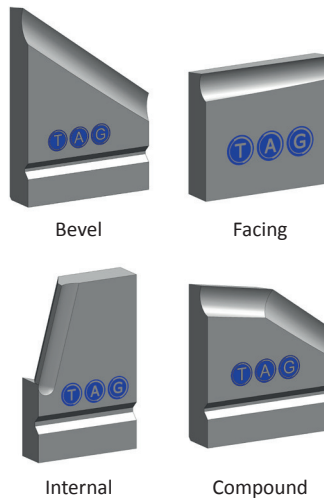
DIMENSIONS



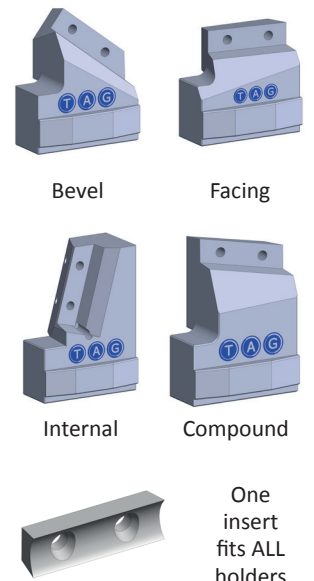
| DIMENSIONS | | PNEUMATIC | SERVO ELECTRIC | HYDRAULIC |
|------------|----|-----------|----------------|-----------|
| ∅A | mm | 323 | 323 | 323 |
| B | mm | 407 | 407 | 407 |
| C | mm | 750 | 630 | 530 |

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT (Recommended)



All shapes, sizes and angles available

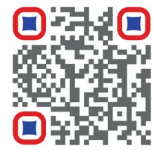


PIPE EQUIPMENT SPECIALISTS

PREP 24 PIPE BEVELLING 7" to 24"



SCAN QR CODE
TO WATCH VIDEO



TAG PREP 24

Portable Pipe Beveling Machine

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

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



FEATURES AND ADVANTAGES

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

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

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

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



POWER OPTIONS:

SERVO ELECTRIC

RECOMMENDED



PATENT
PENDING

PART NO. TP24SE110 / TP24SE220

PNEUMATIC



PART NO. TP24P

HYDRAULIC



PART NO. TP24H

FEATURES:

SELF-CENTERING



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

UNRIVALLED POWER AND STABILITY



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

SERVO ELECTRIC



RECOMMENDED

**PATENT
PENDING**

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

EXTENSION KITS



Optional extension kits up to 42" available on request.

RATCHET FEED AND LOCKING



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

SIX POINT LOCKING



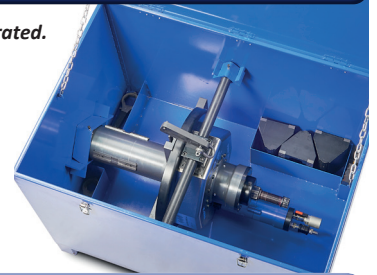
Innovative wide locking jaws offer 6 point locking from 3 jaws giving superior clamping force for chatter free end preps.

PREP 24 TECHNICAL FEATURES

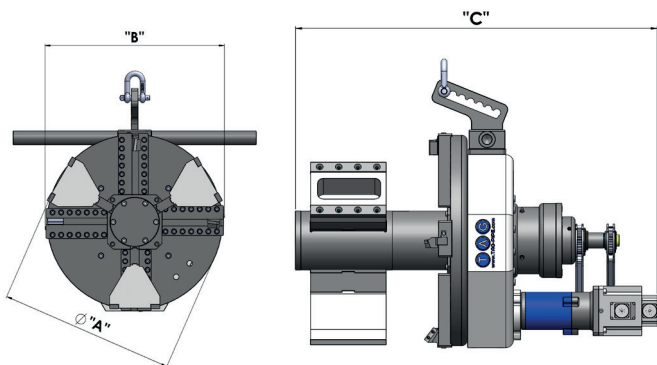
| DESCRIPTION | MEASUREMENT | PNEUMATIC | SERVO ELECTRIC | HYDRAULIC |
|------------------------------|-----------------|---|---|---|
| Part Number | n/a | TP24P | TP24SE110 / TP24SE220 | TP24H |
| Locking tube range | mm / inch (i/d) | 175 - 600mm / 6.9 - 23.6" (optional up to 42") | 175 - 600mm / 6.9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

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

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



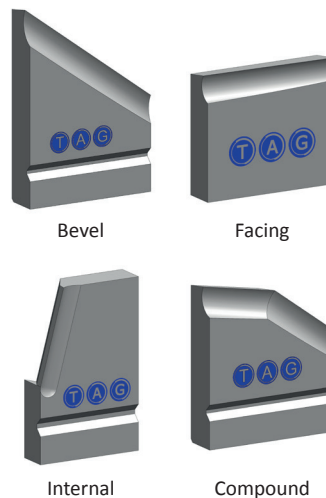
DIMENSIONS



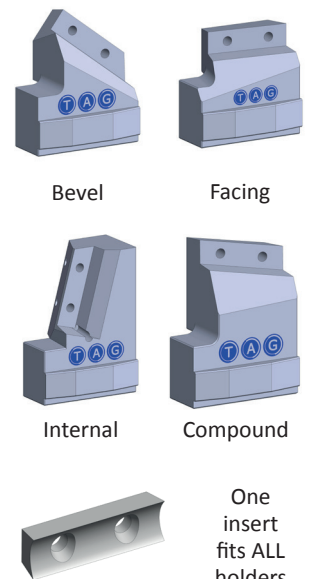
| DIMENSIONS | | PNEUMATIC | SERVO ELECTRIC | HYDRAULIC |
|------------|----|-----------|----------------|-----------|
| ∅A | mm | 550 | 550 | 550 |
| B | mm | 580 | 580 | 580 |
| C | mm | 1005 | 955 | 855 |

EXAMPLES OF COMMON CUTTING TOOLS

FORMED TOOLS



HOLDER / INSERT (Recommended)



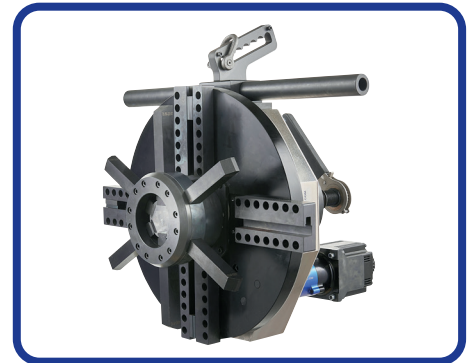
All shapes, sizes and angles available



PREP 16 AND PREP 24 ELBOW / FITTINGS

Portable Elbow and Fitting Machine

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



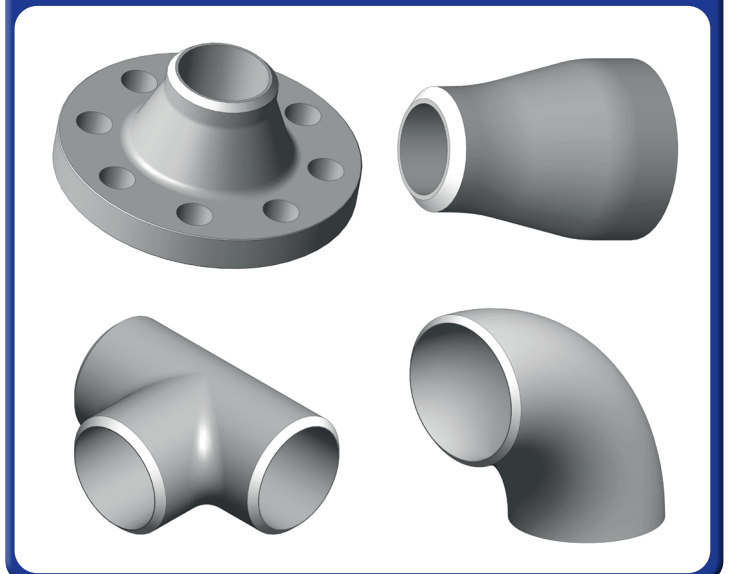
PREP 16 AND PREP 24 ELBOW / FITTINGS TECHNICAL FEATURES

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

DIMENSIONS PREP 16/24 ELBOW / FITTINGS

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

EXAMPLES OF FITTINGS



TAG PANEL PREP MACHINES

O/D Pipe Beveling Machine

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

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

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

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

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

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



Clamping Jaws

| MODEL | MEASUREMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--------------------|-------------|------|----|------|----|----|----|----|----|------|----|----|----|-----|-----|-----|-----|-----|
| TAG Panel Prep 2 | O/D mm | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 25.4 | 28 | 32 | 38 | 42 | 45 | 48 | 51 | 53 |
| TAG Panel Prep 2.5 | O/D mm | 20 | 22 | 25.4 | 28 | 32 | 38 | 42 | 45 | 48 | 51 | 56 | 57 | 60 | 63 | n/a | n/a | n/a |
| TAG Panel Prep 3 | O/D mm | 25.4 | 28 | 31.8 | 38 | 42 | 45 | 48 | 51 | 57 | 60 | 63 | 68 | 70 | 73 | n/a | n/a | n/a |
| TAG Panel Prep 3.5 | O/D mm | 31.8 | 38 | 42 | 45 | 48 | 51 | 57 | 60 | 63 | 68 | 70 | 73 | 76 | 83 | n/a | n/a | n/a |
| TAG Panel Prep 4 | O/D mm | 50 | 54 | 57 | 60 | 63 | 68 | 70 | 73 | 76 | 83 | 89 | 95 | 108 | n/a | n/a | n/a | n/a |

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

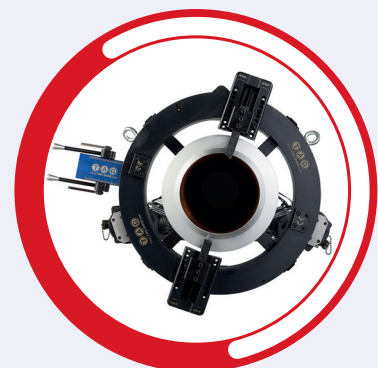
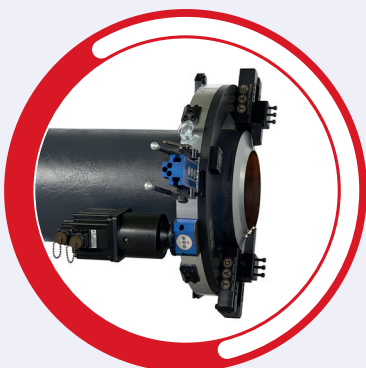


PIPE EQUIPMENT SPECIALISTS

SPLIT FRAME CLAMSHELL COLD CUTTING AND BEVELLING MACHINES 1" to 48"



SCAN QR CODE
TO WATCH VIDEO



SPLIT FRAME CLAMSHELL COLD CUTTING AND BEVELLING MACHINES 1" to 48"

Portable O/D Locking Cold Pipe Cutting and Beveling Machines

RANGE: 1" to 48" o/d (25 - 1,220mm)
Larger sizes and customised machines available upon request

- **Functions:** External beveling / internal beveling / counter-boring / compound bevels / J-prep beveling
- **Materials:** Any kind of steel and exotic alloy
- **Power:** Pneumatic, electric (110v or 220v), hydraulic or servo electric motor

TSFC6 - TSFC24 (MODULAR BLOCK JAWS)



| | | TSFC6 | TSFC8 | TSFC12 | TSFC16 | TSFC18 | TSFC20 | TSFC24 |
|---------------|----------|------------|------------|-------------|-----------|-------------|-------------|-------------|
| Locking Range | inch o/d | 1" - 6" | 2" - 8" | 6" - 12" | 10" - 16" | 12" - 18" | 14" - 20" | 18" - 24" |
| Locking Range | mm o/d | 33.7 - 184 | 60.3 - 235 | 168.3 - 350 | 273 - 425 | 323.8 - 477 | 355.6 - 528 | 457.2 - 640 |

TSFC30 - TSFC48 (TELESCOPIC JAWS)



| | | TSFC30 | TSFC36 | TSFC42 | TSFC48 |
|---------------|----------|-------------|-----------|--------------|---------------|
| Locking Range | inch o/d | 24" - 30" | 30" - 36" | 36" - 42" | 42" - 48" |
| Locking Range | mm o/d | 609.6 - 800 | 762 - 956 | 914.4 - 1108 | 1066.8 - 1280 |

The basics

TAG's new 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.

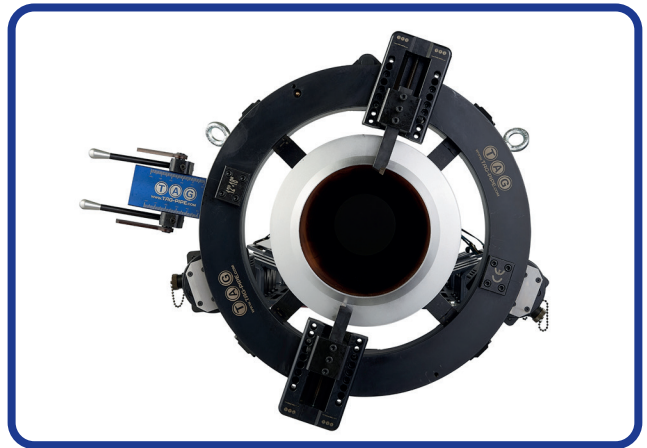
A range of tooling, power units and accessories allow you to tailor your machine to your particular job.



Features and advantages

- 11 models cover a range from 1" (25.4 mm) to 48" (1,220 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 and adjustment
- TAG split frame 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



FEATURES



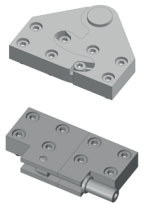
TAG advanced cam roller bearing system enables fine adjustment of bearings for optimal performance and maintenance delivering smooth precise rotation.



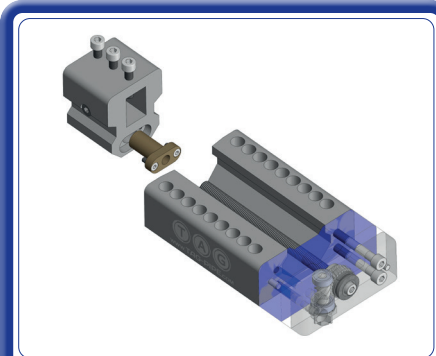
Using the latest high grade aluminium along with treated steel crown the TAG split frames are designed for heavy duty industrial on-site use.



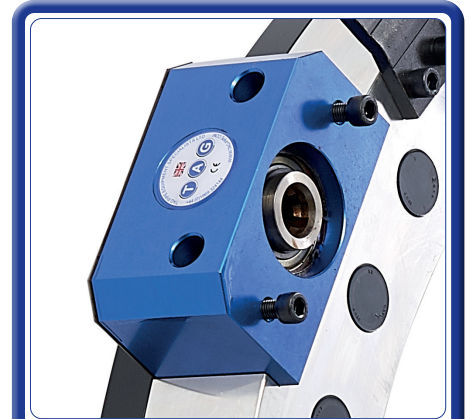
Quick lock/unlock splitting hinge to enable fast setup of machine onto pipes in situ.



Custom made metal box with foam insert to insure protection of the machine (up to TSFC24).



TAG advanced feeding system delivers feed through worm and crown to evenly distribute pressure through the feeding screw, resulting in reduced vibration and wear on cutting tools.



Two bolt motor mount enables fast mounting of motors. All power drives utilise the same drive block.



MODULAR BLOCK JAWS

Modular locking system with TAG advanced external metal plate to take pressure away from aluminium ring, clamping foot size 40 x 60mm.



TELESCOPIC JAWS

Telescopic locking system externally mounted to keep aluminium ring solid for extra strength, increased clamping foot size 55 x 115mm for fast accurate setup.



Double striker enables feeding of 0.2mm per revolution, also utilising TAG extended engaging handle meaning hands free operation.

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

TSFC6 - TSFC24

RECOMMENDED

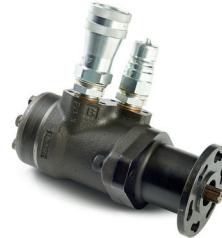


Servo Electric Motor



Double pneumatic available

Pneumatic Motor



Hydraulic Motor

TSFC6 - TFSC12 ONLY



Electric Motor

TSFC30 - TSFC120

RECOMMENDED



Servo Electric Motor



Double pneumatic available

Pneumatic Motor



Hydraulic Motor

TAG'S ELECTRIC NC SERVO DRIVE MOTOR

TAG's single phase electric NC (Numerically Controlled) servo motor offers a new level of performance and capacity for electric drive power of TAG's split frame range.

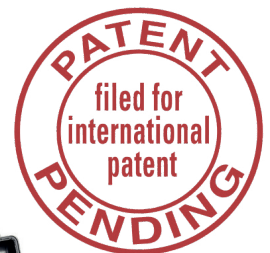
A 1.5 kilowatt servo motor, which, like a 3 phase motor, or hydraulic drive, does not slow and strain under load.

The single servo motor is controlled by a wired remote.

The double servo motor, is controlled by a wireless remote or 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 servo for up to 30 mm pipe wall thickness or double servo for 30 mm and above.



Single servo control



Double servo control

TOOL BOXES AND ACCESSORIES

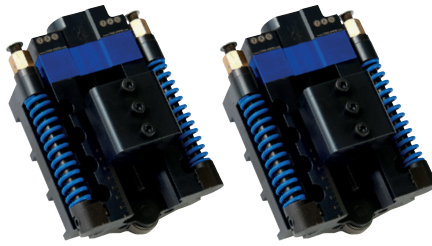
The tool slides are available in various configurations to accept the full range of TAG tooling.



Standard tool box

Low profile, light weight, for tight access situations. Utilising standard TAG HSS Co blade tooling.

For cutting and bevelling all materials up to 120mm / 4.7" 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 out of round pipe.

For cutting and bevelling all materials of up to 20mm / 0.8" wall thickness.



Counter bore tool slide

The counter bore slide module accessory bolts directly to the standard tool slide and can be installed immediately upon completion of the cut and external bevel, to remove any internal inconsistencies prior to welding. The counter bore tool slide can be adjusted from 0 to 45 degree and has 150mm / 6" feed.

TOOLING

TAG's HSS Co range of tooling includes sever/cut, bevel, double-bevel, compound bevel, J-prepping and counter bore tools. TAG tooling is available in a range of different lengths and sizes, to match tooling with application precisely.

TAG holder and insert tooling enables sever/cut, bevel, compound bevel and counter bore tools many holders utilise the same interchangeable inserts reducing the quantity of consumable parts.

TAG also offers custom designed tooling, special tool steel for applications not covered by its standard range of tooling.

FIXED ANGLE BEVEL



COMPOUND BEVEL



J PREP



All shapes, sizes and angles available



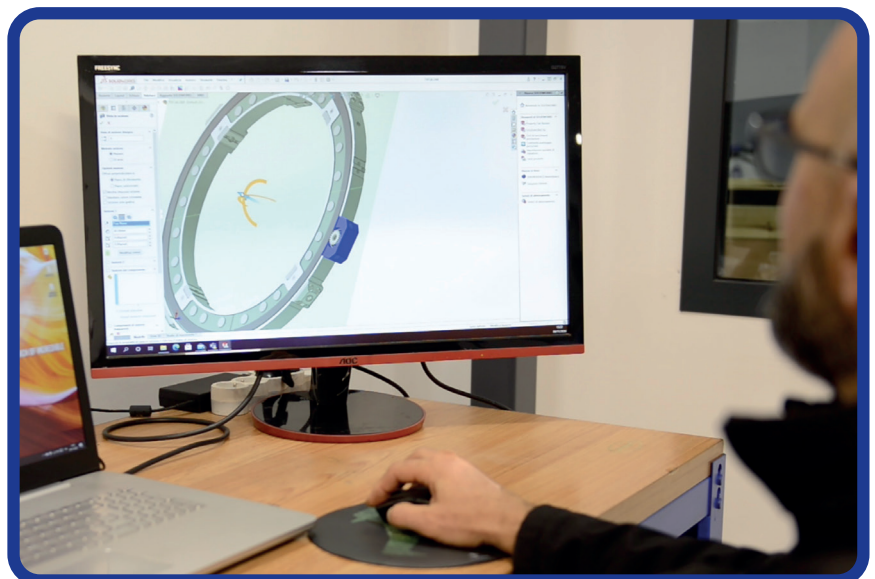
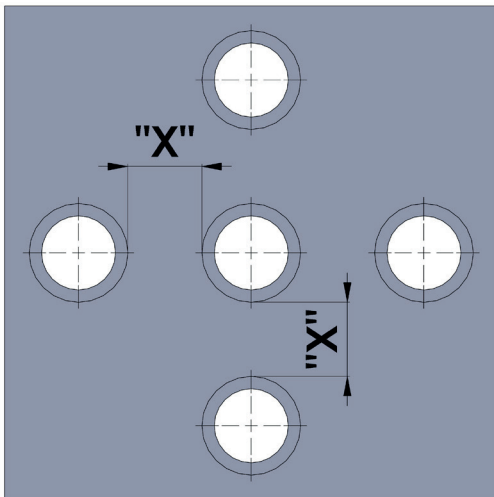
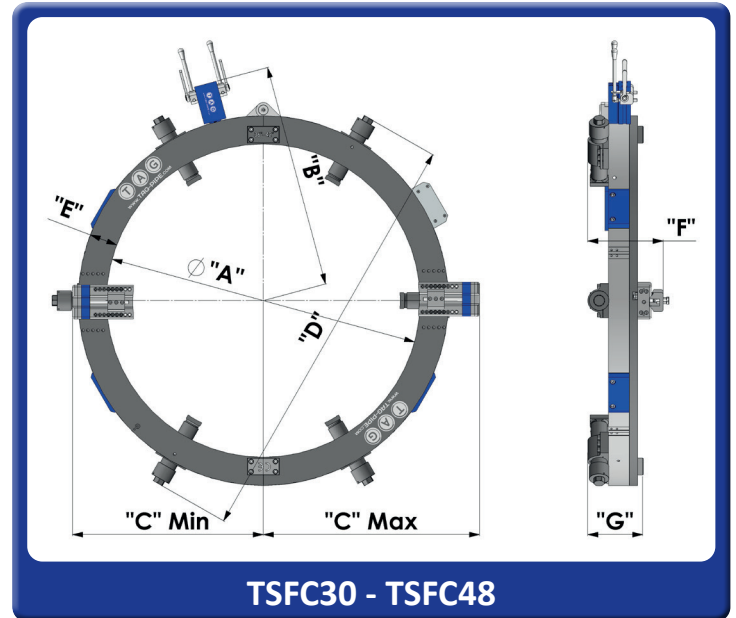
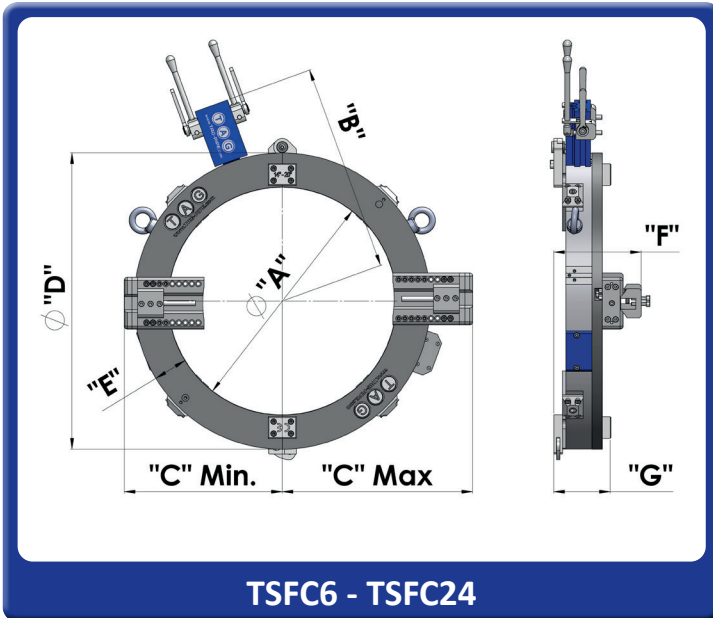
RING DIMENSIONS

| O/D RANGE | | TSFC6 | TSFC8 | TSFC12 | TSFC16 | TSFC18 | TSFC20 | TSFC24 | TSFC30 | TSFC36 | TSFC42 | TSFC48 |
|-----------|------|--------|--------|---------|----------|----------|----------|----------|---------|---------|---------|---------|
| | inch | 1 - 6" | 2 - 8" | 6 - 12" | 10 - 16" | 12 - 18" | 14 - 20" | 18 - 24" | 24"-30" | 30"-36" | 36"-42" | 42"-48" |
| A | mm | 184.00 | 235.00 | 350.00 | 425.00 | 477.00 | 528.00 | 640.00 | 800.00 | 956.00 | 1108.00 | 1280.00 |
| B | mm | 283.00 | 308.50 | 396.00 | 433.50 | 459.50 | 485.00 | 541.00 | 635.00 | 713.00 | 789.00 | 895.00 |
| C MIN | mm | 187.00 | 212.50 | 270.00 | 307.50 | 333.50 | 359.00 | 415.00 | 523.50 | 601.50 | 677.50 | 783.50 |
| C MAX | mm | 197.00 | 222.50 | 356.00 | 393.50 | 419.50 | 445.00 | 501.00 | 615.00 | 693.00 | 769.00 | 875.00 |
| D | mm | 340.00 | 391.00 | 506.00 | 581.00 | 633.00 | 684.00 | 796.00 | 1180.00 | 1336.00 | 1488.00 | 1800.00 |
| E | mm | 78.00 | 78.00 | 78.00 | 78.00 | 78.00 | 78.00 | 78.00 | 100.00 | 100.00 | 100.00 | 120.00 |
| F | mm | 195.50 | 195.50 | 195.50 | 195.50 | 195.50 | 195.50 | 195.50 | 267.50 | 267.50 | 267.50 | 277.50 |
| G | mm | 124.00 | 124.00 | 124.00 | 124.00 | 124.00 | 124.00 | 124.00 | 196.00 | 196.00 | 196.00 | 206.00 |
| X | mm | 130.00 | 130.00 | 210.00 | 210.00 | 210.00 | 210.00 | 210.00 | 255.00 | 255.00 | 255.00 | 265.00 |

Low clearance options or custom machines available on request in case of access restrictions

| | | | | | | | | | | | | |
|--------------------------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| F Ring only | | 195.50 | 195.50 | 195.50 | 195.50 | 195.50 | 195.50 | 195.50 | 267.50 | 267.50 | 267.50 | 267.50 |
| F Pneumatic Motor | | 535.50 | 535.50 | 535.50 | 535.50 | 535.50 | 535.50 | 535.50 | 727.60 | 727.60 | 727.60 | 727.60 |
| F Servo Motor | | 525.50 | 525.50 | 525.50 | 525.50 | 525.50 | 525.50 | 525.50 | 642.50 | 642.50 | 642.50 | 642.50 |
| F Hydraulic Motor | | 425.00 | 425.00 | 425.00 | 425.00 | 425.00 | 425.00 | 425.00 | 425.00 | 425.00 | 425.00 | 425.00 |

Right angle drive motors are available on request (extra at cost)



SPLIT FRAME TECHNICAL FEATURES

| | | TSFC6 | TSFC8 | TSFC12 | TSFC16 | TSFC18 | TSFC20 | TSFC24 | TSFC30 | TSFC36 | TSFC42 | TSFC48 | |
|--------------------------------------|-----------|-------------|------------|-------------|-----------|-------------|-------------|-------------|-------------|-----------|--------------|---------------|--|
| Locking Range | inch o/d | 1" - 6" | 2" - 8" | 6" - 12" | 10" - 16" | 12" - 18" | 14" - 20" | 18" - 24" | 24" - 30" | 30" - 36" | 36" - 42" | 42" - 48" | |
| Locking Range | mm o/d | 33.7 - 184 | 60.3 - 235 | 168.3 - 350 | 273 - 425 | 323.8 - 477 | 355.6 - 528 | 457.2 - 640 | 609.6 - 800 | 762 - 956 | 914.4 - 1108 | 1066.8 - 1280 | |
| Ring Only Weight | kg | 23 | 32 | 46 | 53 | 58 | 62 | 76 | 183 | 204 | 242 | 323 | |
| Toolbox Stroke | mm | 60 | 60 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | |
| Motor Mount Positions | qty | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | |
| Striker Mount Positions | qty | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | |
| Bearing size | S/L | S | S | S | S | S | S | S | L | L | L | L | |
| Spline Drive Size | mm | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 25 | 25 | 25 | 25 | |
| Pneumatic Idle Speed | rpm | 5 - 36 | 5 - 28 | 5 - 21 | 5 - 18 | 5 - 17 | 5 - 16 | 5 - 15 | 1 - 8 | 1 - 8 | 1 - 7 | 1 - 6 | |
| Electric Idle Speed | rpm | 5 - 20 | 5 - 16 | 5 - 12 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| Servo Electric Idle Speed | rpm | 1 - 45 | 1 - 36 | 1 - 27 | 1 - 23 | 1 - 21 | 1 - 19 | 1 - 18 | 1 - 9 | 1 - 9 | 1 - 8 | 1 - 7 | |
| Hydraulic Idle Speed | rpm | 5 - 30 | 5 - 28 | 5 - 25 | 5 - 20 | 5 - 19 | 5 - 17 | 5 - 16 | 1 - 8 | 1 - 8 | 1 - 8 | 1 - 8 | |
| Pneumatic Motor Power | hp | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 3.5 | 3.5 | 3.5 | 3.5 | |
| Double Pneumatic Motor(s) Power | hp | n/a | n/a | n/a | 3.7 | 3.7 | 3.7 | 3.7 | 7.0 | 7.0 | 7.0 | 7.0 | |
| Electric Motor Power | watt | 1900 | 1900 | 1900 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| Single Servo Electric Motor Power | Kw | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | |
| Double Servo Electric Motor(s) Power | Kw | n/a | n/a | n/a | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | |
| Hydraulic Motor Power | hp | 5.40 | 5.40 | 5.40 | 5.40 | 5.40 | 5.40 | 5.40 | 5.40 | 5.40 | 5.40 | 5.40 | |
| Electric / Servo Electric Voltage | volt | 110 / 220 | 110 / 220 | 110 / 220 | 110 / 220 | 110 / 220 | 110 / 220 | 110 / 220 | 110 / 220 | 110 / 220 | 110 / 220 | 110 / 220 | |
| Electric / Servo Electric Frequency | Hz | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | 50 / 60 | |
| Air Working Pressure | psi / bar | 90 / 6.5 | 90 / 6.5 | 90 / 6.5 | 90 / 6.5 | 90 / 6.5 | 90 / 6.5 | 90 / 6.5 | 90 / 6.5 | 90 / 6.5 | 90 / 6.5 | 90 / 6.5 | |
| Air hose Connection | inch | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ | |
| Air Consuming Flux (Double x2) | cfm/ LPM | 50 / 1400 | | | | | | 90 / 2500 | | | | | |
| Feed Rate per Revolution | mm / inch | 0.2 / 0.008 | | | | | | 0.2 / 0.008 | | | | | |
| Locking System | | MODULAR | | | | | | TELESCOPIC | | | | | |

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

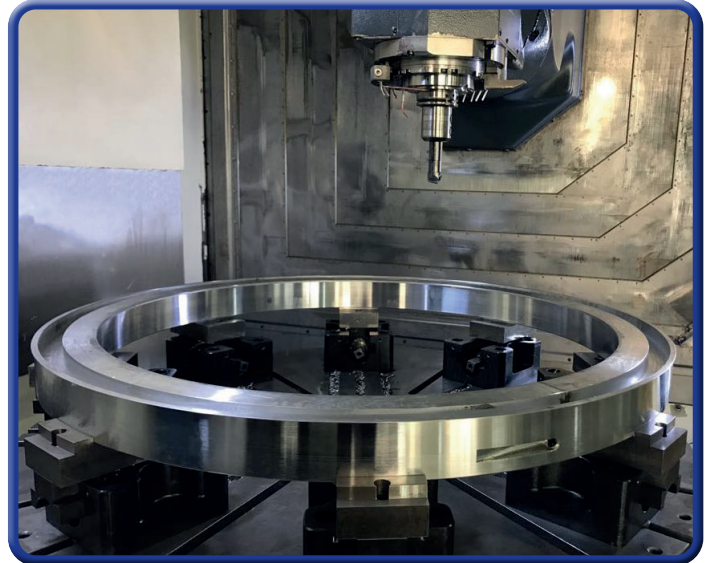
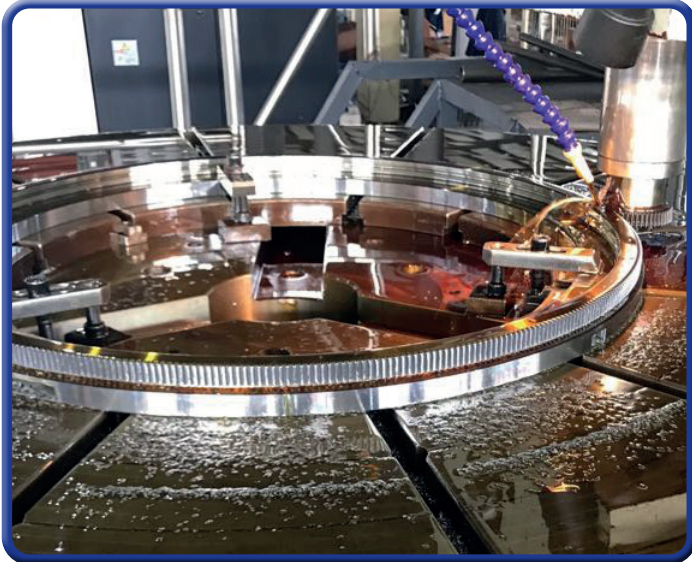
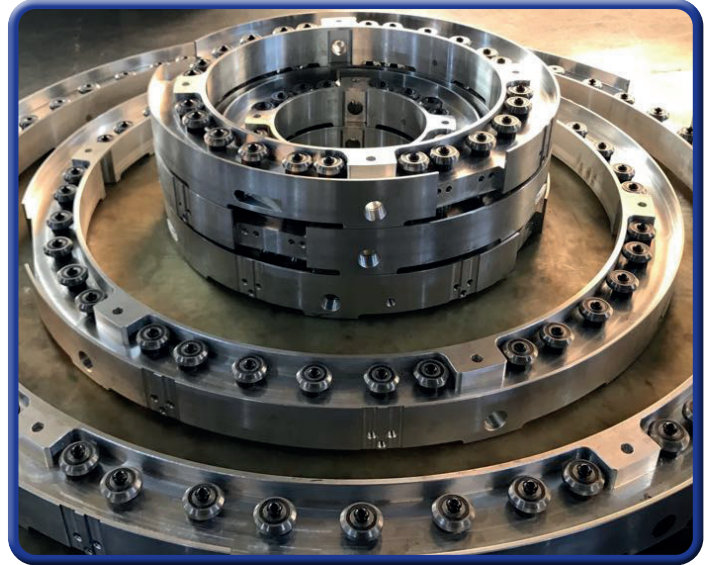
- All complete machines are supplied with: machine ring/body, motor, tool boxes, striker, locking jaws, machine box, service tools.
- A protective custom built metal box is supplied with TSFC6 - TSFC24, all larger sizes are supplied in a custom built wooden box
- Drawings, instruction manual and warranty certificate are also supplied as standard.
- Pneumatic machine must be used with filter lubricator and oil - use without will void warranty.



SPLIT FRAME PACKING WEIGHTS AND DIMENSIONS

| SPLIT FRAME MODEL | MEASUREMENT | TSFC6 | TSFC8 | TSFC12 | TSFC16 | TSFC18 | TSFC20 | TSFC24 | TSFC30 | TSFC36 | TSFC42 | TSFC48 | |
|-----------------------|--------------|-------------------|-----------|-----------|---------------------|-----------|-----------|-----------|---------------------|-----------|---------------------|-------------|---------------------|
| Pneumatic | (kg/lbs) | (167/368) | (177/390) | (197/434) | (238/525) | (241/531) | (249/549) | (262/578) | (300/661) | (335/738) | (375/826) | (445/981) | |
| Double Pneumatic | (kg/lbs) | n/a | n/a | n/a | (258/569) | (261/575) | (269/593) | (282/622) | (320/705) | (355/782) | (395/870) | (465/1,002) | |
| Single Servo Electric | (kg/lbs) | (182/401) | (182/401) | (212/467) | (253/558) | (256/564) | (264/582) | (277/611) | (315/694) | (345/760) | (385/848) | (455/1,003) | |
| Double Servo Electric | (kg/lbs) | n/a | n/a | n/a | (283/624) | (286/631) | (289/637) | (307/677) | (345/760) | (380/837) | (420/926) | (490/1,080) | |
| Hydraulic | (kg/lbs) | (162/357) | (172/379) | (192/423) | (233/514) | (236/520) | (244/538) | (257/567) | (290/639) | (320/705) | (365/805) | (435/960) | |
| Packing Dimensions | L x W x H mm | 1,200 x 900 x 470 | | | 1,450 x 1,000 x 510 | | | | 1,460 x 1,460 x 500 | | 1,600 x 1,600 x 500 | | 1,960 x 1,960 x 500 |

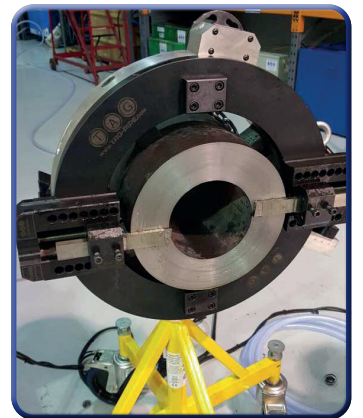
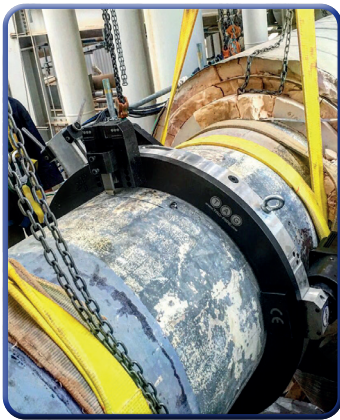
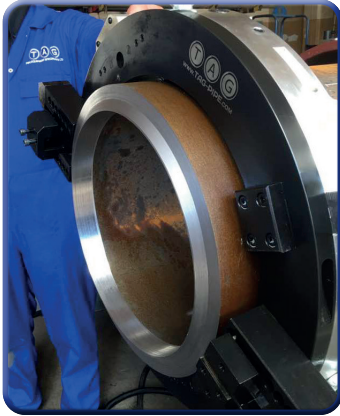
TAG TAG SPLIT FRAME PRODUCTION



 **MADE IN UK** 



EXAMPLES OF JOBS DONE WITH TAG SPLIT FRAME CLAMSHELLS



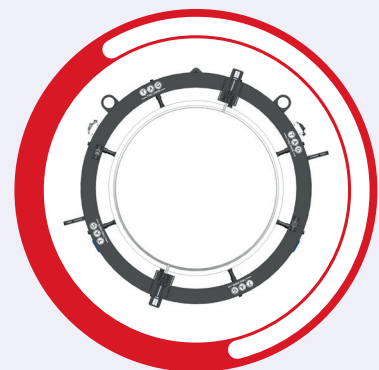
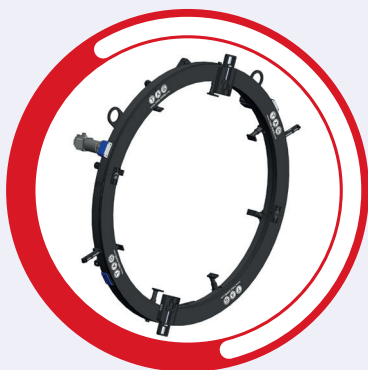


PIPE EQUIPMENT SPECIALISTS

SPLIT FRAME CLAMSHELL COLD CUTTING AND BEVELLING MACHINES 48" to 120"



SCAN QR CODE
TO WATCH VIDEO



Introduction

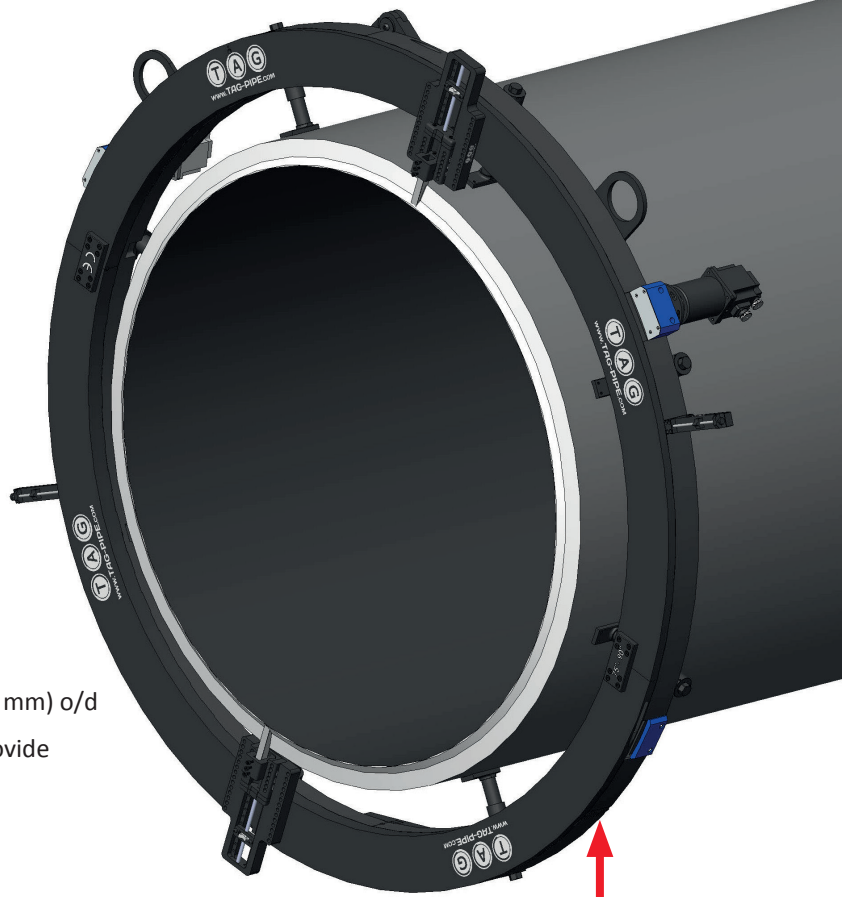
TAG's new split frame clamshells are essentially portable lathes.

Offering the versatility to cut and bevel (simultaneously if required), face, counterbore and o/d machine pipes (and vessels) of almost any diameter.

A steel body encases a steel inner ring gear, running on solid bearings.

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.



Heavy duty steel body

Features and Advantages

- 5 models cover a range from 48" (1,220 mm) to 120" (3,050 mm) o/d
- Pneumatic, hydraulic 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 and adjustment
- TAG split frame 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

| MODEL | RANGE O/D (INCH) | RANGE O/D (MM) | CLAMPING JAWS |
|---------|------------------|-----------------|---------------|
| TSFC60 | 48 - 60" | 1,220 - 1,524mm | 8 |
| TSFC75 | 60 - 75" | 1,524 - 1,910mm | 8 |
| TSFC90 | 75 - 90" | 1,910 - 2,290mm | 12 |
| TSFC105 | 90 - 105" | 2,290 - 2,680mm | 12 |
| TSFC120 | 105 - 120" | 2,680 - 3,050mm | 12 |

Larger sizes available upon request

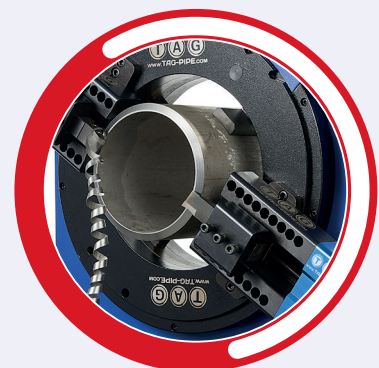
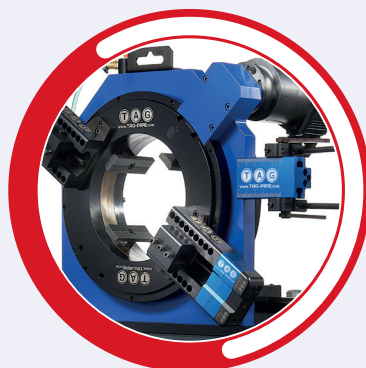
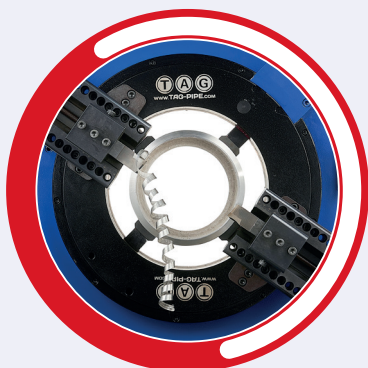
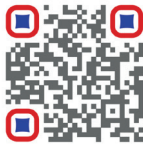




PIPE EQUIPMENT SPECIALISTS

TAG E-Z FAB PIPE CUTTING AND BEVELLING MACHINE 2" to 16"

SCAN QR CODE
TO WATCH VIDEO





E-Z FAB PIPE COLD CUTTING AND BEVELLING MACHINE

O/D Locking Cold Pipe Cutting and Beveling Machines



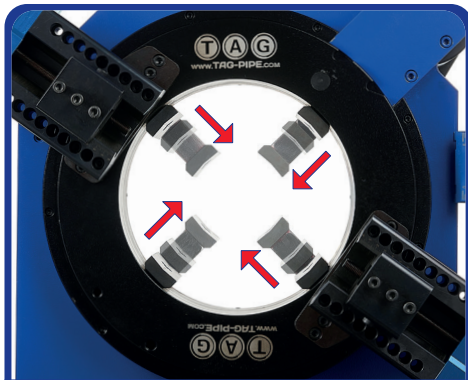
RANGE: 2" to 16" o/d (60 - 420mm)

- High speed process pipe cutting and 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 and 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 the clamshell split frame cutting and bevelling machines. The E-Z FAB consists of a movable trolley fitted with a case outer body housing the rotating, working cutting ring which is driven by an NC controlled powerful 1.5kw servo electric motor. This design provides strength, rigidity and speed as well as high efficiency and precision to the pipe cutting process.



Self-centering locking system for rapid alignment and clamping of pipe



Built in coolant pump unit with drip tray as standard

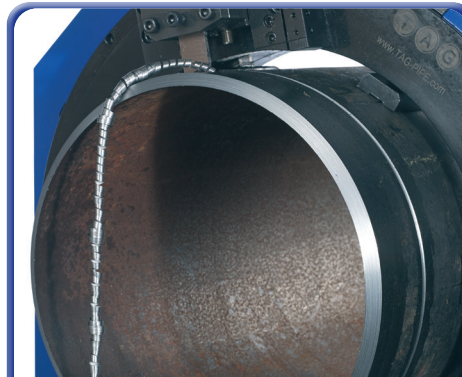


Sealed electrical box housing all NC controls and cabling

All shapes, sizes and angles available



Wide range of cutting tools available for cutting all thickness's of pipe and bevelling at any required angle



Pipe cutting



Pipe bevelling



E-Z FAB PIPE COLD CUTTING AND BEVELLING MACHINE

Touch screen

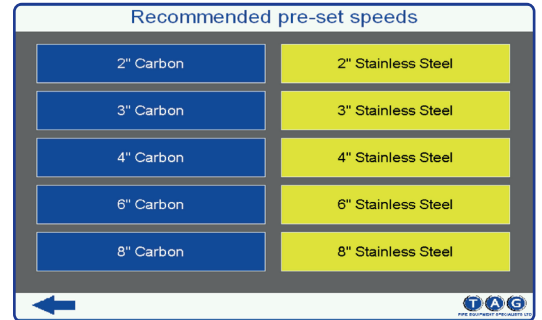
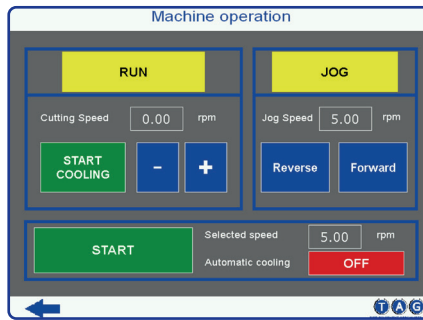
The E-Z FAB has been fitted with a powerful 1.5KW Delta servo motor with Delta NC control. This enables ease of use with all functions touch screen, we have used our 25 years experience to recommend pre-set speeds for pipe size/material as you can see below this enables very quick and easy set up with 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.



Models available

| MODEL | RANGE O/D (INCH) | RANGE O/D (MM) | WALL THICKNESS (MM) |
|---------|------------------|----------------|---------------------|
| EZFAB8 | 2 - 8" | 60 - 220mm | 6 - 40mm |
| EZFAB12 | 6 - 12" | 170 - 320mm | 6 - 40mm |
| EZFAB16 | 10 - 16" | 270 - 420mm | 6 - 40mm |

* Wall thickness' less than or greater than the above can be achieved with accessories - please contact TAG.

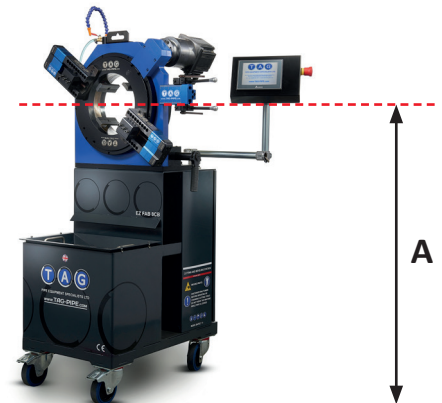
Example cutting and bevelling times

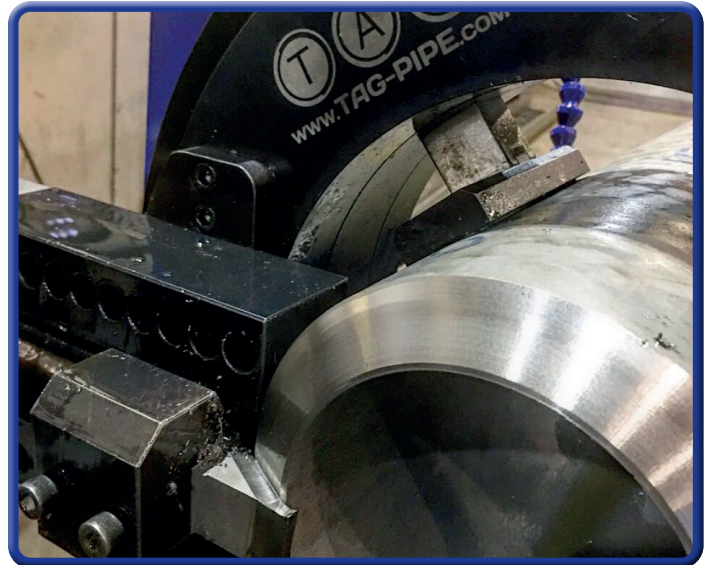
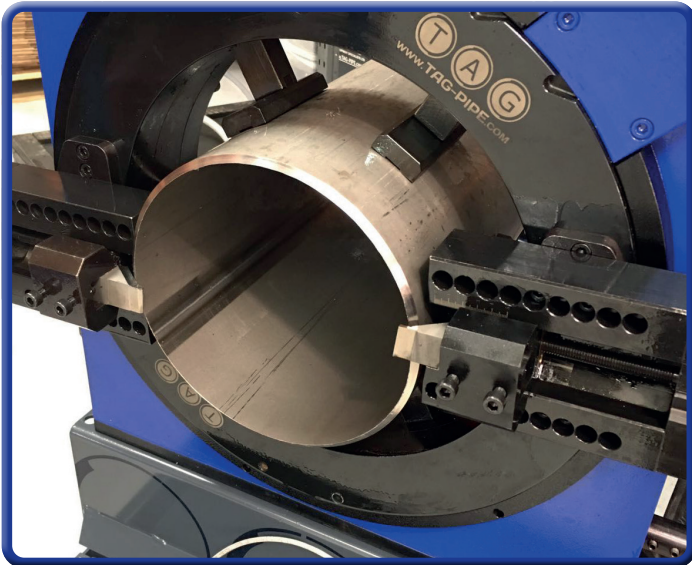
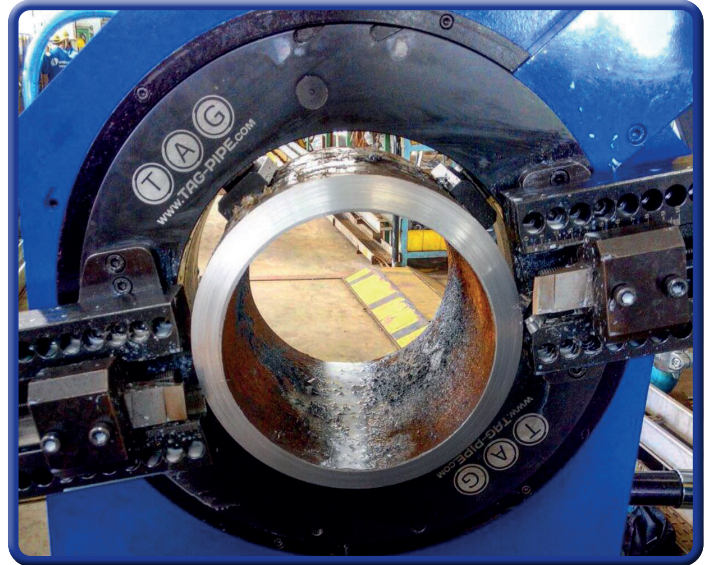
| PIPE SIZE | PIPE SHD | WALL THICKNESS (MM) | PIPE MATERIAL | PRE-SET SPEED | CUTTING AND BEVELLING TIME |
|-----------|----------|---------------------|-----------------|---------------|----------------------------|
| 2 inch | SHD40 | 4mm | Stainless Steel | 45rpm | 2 minutes |
| 4 inch | SHD40 | 4mm | Stainless Steel | 30rpm | 2.5 minutes |
| 6 inch | SHDXXS | 22mm | Carbon | 35rpm | 5 minutes |
| 8 inch | SHD40 | 8mm | Stainless Steel | 20rpm | 9 minutes |

Centreline of cutting point

| MODEL | (A) MM | (A) INCH |
|---------|----------|----------|
| EZFAB8 | 1,196.00 | 47.08 |
| EZFAB12 | 1,132.50 | 44.58 |
| EZFAB16 | 1,177.50 | 46.35 |

* Minus 155mm / 6.10" without castor wheels







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

- **Function:** Cutting up to 45° inclination
- **Material:** Any kind of steel
- **Power:** Pneumatic or electric

The light weight 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



Pneumatic

PIPE LOCK CLAMP



Pipe lock clamp available in three sizes:
1" - 4" / 4" - 12" / 8" - 24"
Stop feeding stroke included in the standard equipment.

SAW BLADE



Saw blades are sold per pipe size and available in four sizes: 12" / 16" / 20" / 24"
Also available in heavy duty for stainless steel.

BLADE GUIDE



Blade guides are sold per pipe size and available in two sizes: 12" / 24"

Technical specification

| DESCRIPTION | MEASUREMENT | PNEUMATIC | ELECTRIC |
|---------------------------|--------------|------------------------|-----------------------|
| Description | n/a | E-Z Pipe Saw Pneumatic | E-Z Pipe Saw Electric |
| Part Number | n/a | EZPSP | EZPSE100 / EZPSE220 |
| Locking tube range | mm | 25 - 323 o/d | 25 - 323 o/d |
| Recommended working range | inch o/d | 1 - 12" | 1 - 12" |
| Torque | N m | 186 | 265 |
| Max operating temperature | °C | 55 | 55 |
| Max noise level | dB | 75 | 75 |
| Pneumatic motor power | hp | 1.33 | n/a |
| Air consumption | cfm | 55 - 60 | n/a |
| Air working pressure | psi | 90 | n/a |
| Air hose connection | inch | 3/4" | n/a |
| Electric motor power | watt | n/a | 1400 (adj) |
| Voltage | volt | n/a | 110 / 220 |
| Frequency | Hz | n/a | 50 |
| Idle Speed | strokes/min | 300 | 450 |
| Unit weight | kg / lbs | 11 / 24 | 9 / 20 |
| Packing dimensions | L x W x H mm | 640 x 280 x 130 | 640 x 280 x 130 |
| Packing weight | kg / lbs | 16 / 35 | 14 / 31 |



PIPE EQUIPMENT SPECIALISTS

PLATE BEVELLING MACHINES





RANGE: thickness 1.5mm upwards / bevel angle from 22.5° to 60°
Max bevel width: 16mm / max radius: 5mm

- **Materials:** Any kind of steel, aluminium, brass or plastics
- **Power:** 110 or 220v or pneumatic

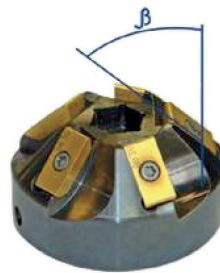
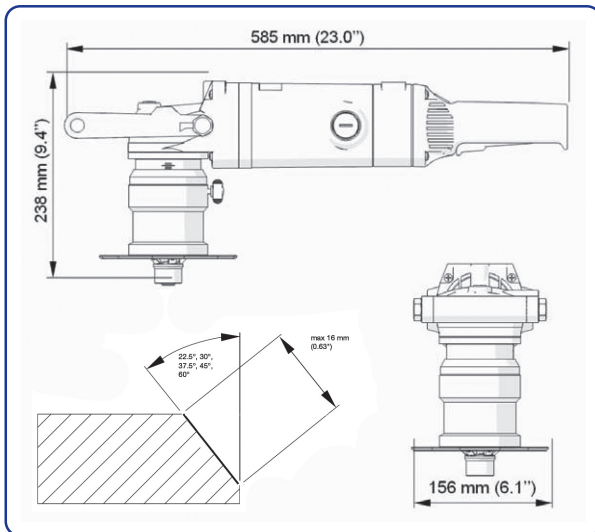
For the deburring of outer and inner outlines, bevelling, milling of radii and bore holes as from 40mm \varnothing .

Depending on the chosen milling head the machine enables bevelling materials with minimum thickness of 1.5 mm (0.06") at the angles of 22.5°, 30°, 37.5°, 45°, 55° or 60° and with maximum bevel width of 16 mm (0.63"). Each milling head uses 5 indexable cutting inserts.

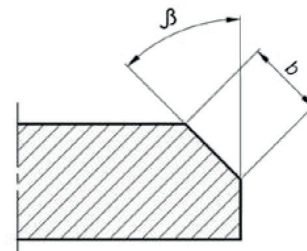
One milling head for bevelling radius enables bevelling edges with radius of 2, 3, 4 or 5mm with use of 4-sided indexable R2, R3, R4 or R5 cutting inserts.

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

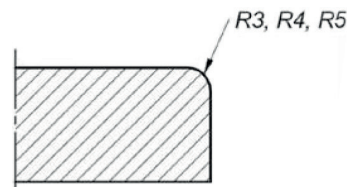
- Tool-less adjustment of bevel height
- Handy and powerful with overload protection
- Speed control for use on variety of materials
- For construction steels, stainless steels, aluminium and other materials



Bevel milling head



Radius milling head



Technical specification

| | |
|------------------------------------|--|
| Power Supply | 230v / 110v 50 - 60 Hz |
| Motor | 2200W |
| Motor speed | 1800 - 5850rpm |
| Minimal diameter of countersinking | 40mm |
| Bevelling with radius | R2, R3, R4, R5 |
| Maximal bevel width | @ 45° (b) 16mm |
| Feed | 0,5 - 10 m/min (manual) |
| Bevelling angles | 22.5°, 30°, 37.5°, 45°, 50°, 55° and 60° |
| Plate thickness | Minimum 1.5mm |
| Dimensions | 585 x 156 x 238mm |
| Weight | 10kg / 22lbs |

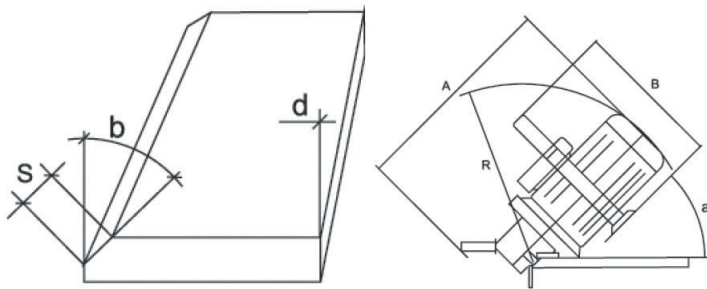


RANGE: thickness 6 to 60mm / bevel angle from 0° to 60°
Max bevel width 21mm

- **Materials:** Any kind of steel and aluminium
- **Power:** 110 or 220v

The PMM200 - is a new generation, easy to use, portable, heavy duty machine designed for beveling steel plates prior to welding. This beveling machine is fitted with a mono block 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.



| A mm (") | B mm (") | R mm (") | S mm (") | D min mm (") | a (°) | b (°) | g (°) | d = 0° | Weight kg (lbs) |
|---------------|-------------|-------------|---------------|-----------------|----------|----------|----------|--------|--------------------|
| 420 16 5/8 | 330 13 | 305 12 | 0-20 0-3/4 | 150 6 | 45-75 | 15-60 | 75-30 | Yes | 20.0 43 |



Pipe beveling possible with no accessories up to 12".
 An optional attachment for beveling up to 24" 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 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 | 20kg / 44lbs |



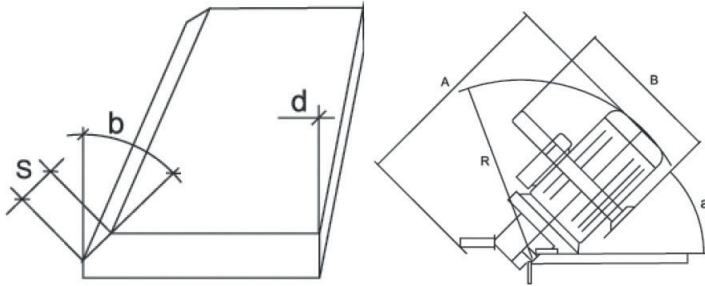
RANGE: thickness 6 to 60mm / bevel angle from 0° to 60° / max bevel width 21mm

- **Materials:** Any kind of stainless steel. Will prep all other steels also.
- **Power:** Electric 110 or 220v

The PMM200SS is designed to work on stainless steel with its new powerful slow speed motor. The PMM200SS also has a guide plate with guide rolls made of stainless steel. The PMM200SS is an easy to use, portable, heavy duty machine designed for beveling steel/stainless steel plates prior to welding.

This beveling 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 beveling 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.



| A mm (") | B mm (") | R mm (") | S mm (") | D min mm (") | a (°) | b (°) | g (°) | d = 0° | Weight kg (lbs) |
|---------------|-------------|-------------|---------------|-----------------|----------|----------|----------|--------|--------------------|
| 420 16 5/8 | 330 13 | 305 12 | 0-20 0-3/4 | 150 6 | 45-75 | 15-60 | 75-30 | Yes | 20.0 43 |



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



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



Continuous angle adjustment from 0 to 60 degrees.

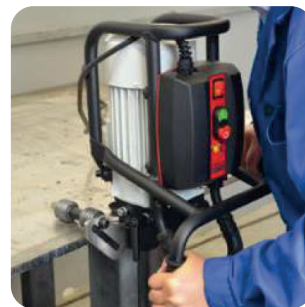


Plate facing-off



Plate 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 | 20kg / 44lbs |

NOTES

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NOTES

A series of horizontal dotted lines for taking notes.



Customer service

We work extremely hard supporting and training our team of employees and network of partners and distributors to ensure that from The S.F.E. Group you always receive the:

- Fastest response times
- Quickest delivery times
- Most knowledgeable and accurate advice
- Committed after sales support



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Technology is always improving. At S.F.E. Group we firmly intend to move with the times and to be the innovators 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. All user feedback is passed onto the R&D department to ensure our machines are developed to meet all end user needs. We often hold meetings with customers to ensure the package provided meets all their requirements including custom made machines.



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S.F.E. Group is proud to offer the highest quality of components manufactured wholly in Europe/USA. All our machines are assembled in our facilities and undergo vigorous testing and quality control, which is backed by our products being CE Certified, having Certificates of Conformity, Certificates of Origin and our company being ISO9001 accredited.



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We love to show off our products unrivalled performance and are always happy to carry out demonstrations either in our showroom facilities or at your site. In addition we understand the importance of the correct operation of our machinery and tools, so also offer training packages in our training facilities or at your site ensuring safe, efficient and accurate operation. We also participate in all the relevant world wide exhibitions. We also have extremely detailed user manuals and instructional videos.



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Details of which can be found on the back cover of this publication.**



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