



PIPE EQUIPMENT SPECIALISTS LTD

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



www.TAG-PIPE.com

- 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

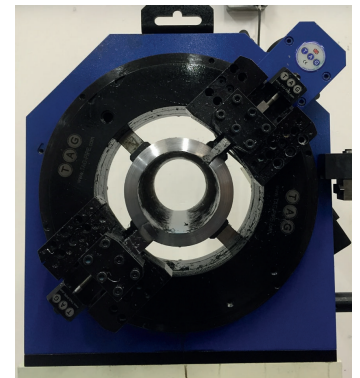
The E-Z Fab is a revolutionary new cutting & bevelling system for pipes. Ideally suited, but not limited to workshops, and high productivity process environments.

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 2kw 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.



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





Self Centering

The extra wide modular locking jaws clamp to the pipe concentrically, via one ratchet handle, locking the pipe in the centre of the cutting ring, in seconds. A drop over gauge, or laser cut guide can be supplied to locate the cut point with greater ease.

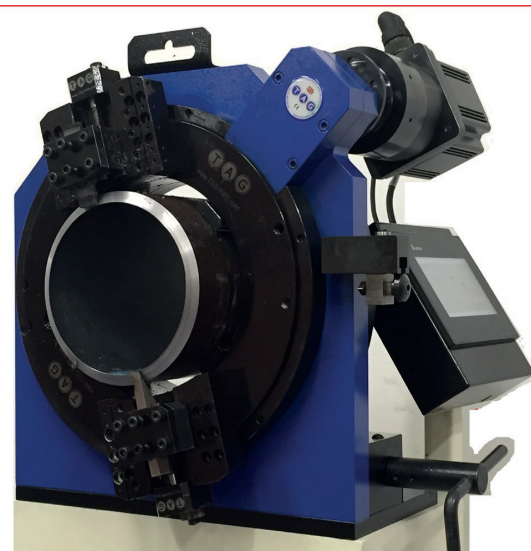
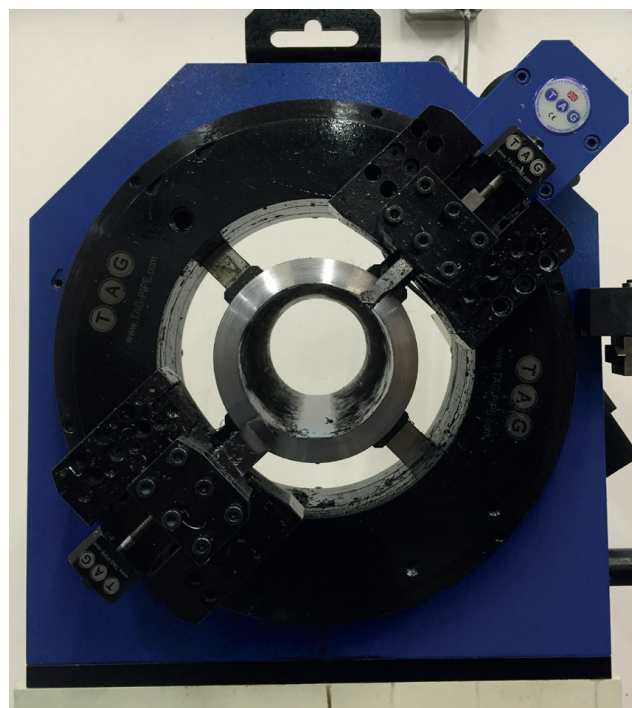
Servo Motor On Board Touch Screen Control

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 preset cut rotation speeds for pipes within each machines' range, whilst the Manual option allows the operator to adjust the speed of the machine themselves.

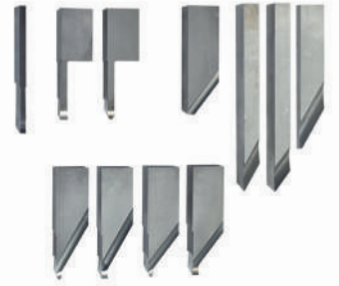
***Touch screen controls can be customised during commissioning/training once your machine has been delivered by our technician.**





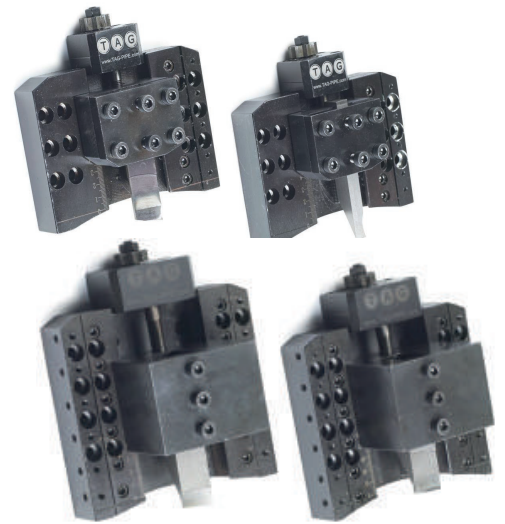
Form Tool Beveling

No highspeed coated, tungsten carbide, indexable tooling here. 25mm square block HSS/Cobalt HD TAG Form Tools allow cutting & bevelling, in standard configuration up to 25mm wall thickness.



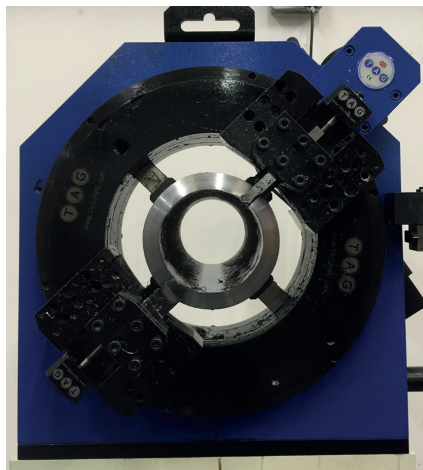
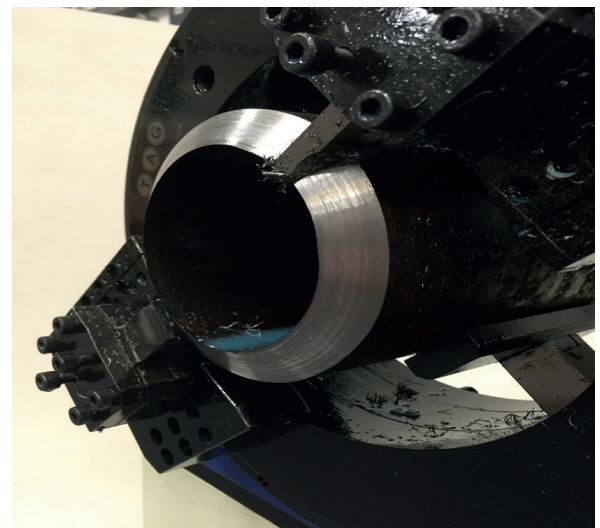
Gear Drive Toolboxes

Talking about toolboxes. TAG's Unique gear drive tool slides are in use here. The starwheel feeds a gear, which, in turn, drives the toolbox thread feed. This means that a standard, 'less likely to go wrong' (and more readily available) BSP thread is used on TAG toolboxes. This is less likely to burr, or 'clog' up with swarf during operations.



Automatic, Recirculating Cooling Pump

High speed cutting & bevelling needs lubrication, the E-Z Fab has it. A recirculating cooling pump, allows you to set the drip rate, and engage automatically upon process cutting & bevelling. Swarf is collected in the tray, while coolant is fed through several filters, back to the sump, to be used again.





Feeding beds

Depending on your lengths of pipe, and workshop situation, a feeding and/or rotating assembly can be supplied to present, and remove the pipe to & from the machine with the greatest ease.

Already have a pipe roller feeding bed system in your workshop?..

Maybe we can work with that.. the E-Z Fab can be supplied with a Hydraulic height adjustable base. Enabling you to first centre the machine position to the centreline on of your pipe on your existing setup.. just an option.

What can it do?..

Something that nothing else can. For the price.

Look at the chart.. Its can cut & bevel pipe, faster than pretty much anything out there!.. At a fraction of the cost!

There are a lot of High Speed stationary bevelling systems out there, but cutting & bevelling, simultaneously, at these speeds..

Servo Motor With NC Control

The EZ FAB is fitted with a Powerful 1.5KW or 2KW Delta Servo Motor with Delta NC control, This enables ease of use with all Functions, We have used our 25 years experience to Recommended Preset speeds for Pipe sizes & Materials enabling rapid setup & fast repeatable cuts.



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



THE RANGE

MODEL	WORKING RANGE	WORKING RANGE METRIC
EZFAB6CB	1 - 6"	33-168mm
EZFAB8CB	2 - 8"	60-219mm
EZFAB12CB	6 - 12"	168-323mm
EZFAB16CB	10 - 16"	273-406mm
EZFAB20CB	14 - 20"	355-508mm
EZFAB24CB	18 - 24"	457-610mm

CUTTING & BEVELLING TIMES

PIPE DIAMETER	WALL THICKNESS (PIPE SCHEDULE)	PIPE MATERIAL	CUTTING & BEVELLING TIME
2"	4mm (Sch40)	Carbon	2 mins
2"	4mm (Sch40)	S/S	2 mins
4"	4mm (Sch40)	Carbon	2 mins
4"	4mm (Sch40)	S/S	2 mins
6"	7mm (Sch40)	S/S	6 mins 30 secs
6"	22mm (SchXXS)	Carbon	5 mins
8"	8mm (Sch40)	Carbon	7 mins
8"	8mm (Sch40)	S/S	9 mins



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 & 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.

Main work scopes:

- Welding automation and integration
- Manipulation equipment
- Cladding / overlay systems
- Circle welders and cutters
- Refurbishment and upgrade programs of existing manipulation equipment
- Tailor-made solutions on request

Some of the equipment we offer includes:

- Column and booms: size from 2m x 2m up to 15m x 15m (front load weight capacity standard 400kg or 800kg)
- Welding positioners: weight capacity from 0.6 ton till 150 ton (various types)
- Welding rotators: weight capacity from 1 ton till 2000 ton (various types)



PIPE EQUIPMENT SPECIALISTS

PIPE EQUIPMENT SPECIALISTS BVBA
Mosten 13, 9160 Lokeren, Belgium

Tel: +32 (0)9 395 20 38
E-mail: info@pes-europe.com





PIPE EQUIPMENT SPECIALISTS LTD PRODUCTS INCLUDE:

PIPE BEVELLING MACHINES



PIPE CUTTING MACHINES



PIPE ALIGNMENT CLAMPS



PIPE STANDS & ROLLERS



PIPE PURGING EQUIPMENT



PLATE BEVELLERS



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



Head Office

TAG PIPE EQUIPMENT SPECIALISTS LTD

Unit 15 & 16 Grendon Industrial Estate, Grendon Underwood,
Aylesbury, Buckinghamshire, HP18 0QX England
Tel: +44 (0)1869 324 144 E-mail: sales@tag-pipe.com

Overseas Branches



USA Branch

TAG PIPE EQUIPMENT SPECIALISTS INC
527 Michigan Street, South Houston
Houston, Texas 77587, USA
Tel: +1 713 747 8502
E-mail: sales-usa@tag-pipe.com



Europe Branch

TAG PIPE EQUIPMENT SPECIALISTS BVBA
Mosten 13, 9160 Lokeren
Belgium
Tel: +32 (0)9 395 2038
E-mail: sales-europe@tag-pipe.com



Middle East Branch

TAG PIPE EQUIPMENT SPECIALISTS FZE
Al Itihad Street, P.O. Box 3763
Dubai, United Arab Emirates
Tel: +971 (0)52 701 0930
E-mail: sales-me@tag-pipe.com



India Branch

TAG PIPE EQUIPMENT SPECIALISTS PVT
Plot No. PAP 3, D 3 Block,
Chinchwad, Pune 411 019
Tel: +91 (0)9011 024 332
E-mail: sales-india@tag-pipe.com



Asia Branch

TAG PIPE EQUIPMENT SPECIALISTS PTE
Yinhe Bridge West, Beichen District
Tianjin, China
Tel: +86 139 2001 5417
E-mail: sales-asia@tag-pipe.com