



**PIPE EQUIPMENT SPECIALISTS LTD**

# **TAG PLATE BEVEL PRO PLATE BEVELLING MACHINES**





# PLATE BEVEL PRO 18

## Portable, Self Feeding Plate Bevelling Machine

**Range:** 1/4" to 1 1/2" Plate Thickness(6mm to 40mm)

**Up to 18mm Bevel Length**

- **Functions:** Bevelling 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 bevelling 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



## Features & Advantages

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.

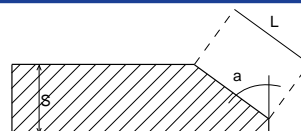
The Plate Bevel Pro 18 can also be mounted onto a table for the bevelling of small pieces. The self feeding milling tool will drive the material through the machine while it bevels, so the operator just needs to insert the plate into, and remove the plate from, the machine.

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

## Technical Features

Power	Volts / Hz / Phase	380* / 50 / 3
Bevelling speed	Surface metres / min	3
Electric motor power	Kw	.80
Min. plate width	Inches / Millimetres	2.75" / 70 mm
Plate thickness	Inches / Millimetres	1/4" - 1 1/2" / 6-40 mm
Bevel angles	Degrees	22 1/2° to 55°
Weight	Kg	104

### BEVEL CHART



Bevel Angle (a)	Max Width Across Bevel (L)	
	Carbon Steel	Stainless Steel
22 1/2°	18 mm	13 mm
30°	18 mm	15 mm
37 1/2°	17 mm	12 mm
45°	16 mm	12 mm
55°	14 mm	10 mm



# PLATE BEVEL PRO 28

## Portable, Self Feeding Plate Bevelling Machine

**Range:** 5/16" to 2" Plate Thickness(8mm to 50mm)

**Up to 26mm Bevel Length**

- **Functions:** Bevelling 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 bevelling 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

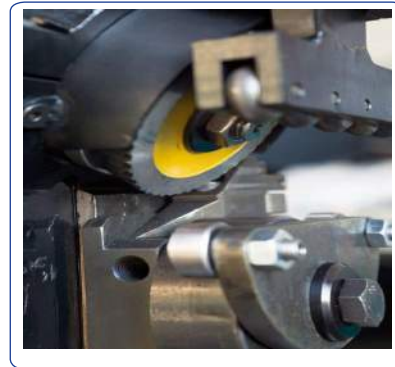
## Features & Advantages

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

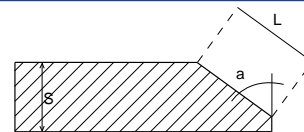
This makes the Plate Bevel Pro 18 perfect for large plates, as there is very little requirement for intervention from the operator.

The Plate Bevel Pro 28 can also be mounted onto a table for the bevelling 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 bevelling 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°	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 Features

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

\*Different Voltage available on request



## PIPE EQUIPMENT SPECIALISTS LTD

### OTHER PRODUCTS INCLUDE:

#### PIPE BEVELLING MACHINES



#### PIPE CUTTING MACHINES



#### PIPE ALIGNMENT CLAMPS



#### PIPE STANDS & BUGGIES



#### PIPE PURGING



#### PLATE BEVELLERS



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



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