

## Regrinding Machine

A simple, easy to use machine, specifically designed for one purpose - regrinding annular cutting tools. Saves time and money in carrying out an effective cutter regrind, particularly if the customer is in urgent need of continued production drilling.

For use with JEI Turbo Steel or other Brands of HSS annular cutters, with a 19mm Shank. Will Regrind Cutters from 12mm Diameter to 50mm Diameter in cutting depths of 1" (25mm) and 2" (50mm).



**Features / Benefits:**

- Simple set up operation - Easy positioning of cutting tool
- Economical - far less expensive than heavier equipment
- Lightweight and portable - ideal for site work, or a small workshop
- Diamond wheel - creates a sharp, clean new cutting edge
- Easy angle adjustment - simple alignment to original angle geometry
- Laser guided cutter alignment - ensure correct positioning of cutting edge to the wheel
- Additional Gullet Reforming Wheel supplied - Get extra life out of the annular cutter
- Will re-sharpen cutters from 12mm diameter to 50mm Diameter in cutting depths of 25mm and 50mm
- Supplied with full range of index plates - to cover most cutter diameters / no. of teeth (HSS type Only)

SPECIFICATIONS	
Dimensions LxWxH	410 x 412 x 390mm (without optics)
Net Weight	29kg
Power supply	230 Volts, 50 / 60 Hz
Motor Power Speed	0.12 kW, 2,800rpm
Noise Emission dBa	<70
Grinding Disk	Diamond grinding disc, Ø125mm, Bore Ø10mm
Annular Cutter Holder Shaft Bore	19mm (weld on shaft) serial 32mm (weld on shaft) optional on request

Please ask about our range of cutter regrinding machine accessories.

## Industrial 14" Metal Cutting Saw

Back by popular demand is the SteelBeast 14" Saw.

**Features / Benefits:**

- 14" (355mm) blade diameter.
- Low speed, high torque, long-life motor.
- Fast and safety conscious cut-off saw action.
- Dry cut with no coolant required.
- Weighs 25 kilograms.
- Cuts 0 - 45 degrees.
- Cuts through mild steel and stainless steel.
- 12 Month warranty.
- Available in 110v or 240v options.

SPECIFICATIONS		
Height	623mm	
Width	330mm	
Length	635mm	
Weight	25kg	
Motor	2200 watt (115V/60Hz/15A)	
RPM	1300	
Capacity	45°	90°
Round	105mm	130mm
Square	90x90mm	120x120mm
Rectangle	80x110mm	95x185mm



## Premium Grade TCT Metal Cutting Saw Blades

	MILD STEEL	STAINLESS STEEL
<b>7" 180mm diameter 20mm bore</b>	Part No' MCBLO7 180mm x 36 teeth	Part No' MCBLO7SS 180mm x 48 teeth
<b>9" 230mm diameter 25.4 bore</b>	Part No' MCBLO9 230mm x 48 teeth	
<b>14" 355mm diameter 25.4 bore</b>	Part No' MCBL14 355mm x 66 teeth	Part No' MCBL14SS 355mm x 90 teeth

### BM16 Plate & Pipe Beveller

A portable, handy solution designed for milling edges of steel, aluminium, alloys, brass or plastic.



**Features:**

- Minimum bevel thickness of 1.5mm, maximum 16mm
- Countersink holes with a minimum 40mm diameter
- Continuous bevel width adjustment
- Overload protection
- Electronic speed control



Bevelling pipe

Bevelling top edges

Countersinking

SPECIFICATIONS	
MODEL	BM16
Motor	2200W
Spindle Speed (without load)	1800 – 5850 RPM
Minimum diameter of countersinking	ca 40mm
Bevelling angles	22.5°, 30°, 37.5°, 45°, 55° or 60°
Length	585mm
Width	156mm
Height	238mm
Weight (without milling head)	10kg
Power Supply	110v or 220v/ 50-60Hz

**BM16 Package Includes:**

- BM16 machine
- Milling Head and inserts of customer's choice
- Metal Box
- 14mm Allen Key
- 5mm Allen Key
- 32mm Flat key
- Operators manual

For full list of accessories and consumable parts please visit [www.jeiuk.com](http://www.jeiuk.com)

### BM21 Plate & Pipe Beveller

A new generation portable bevelling machine designed for bevelling both plate and pipes with ease and accuracy.



Plate bevelling



Milling head



Pipe bevelling



Angle adjustment



**Features:**

- Single milling head equipped with 10 square inserts, simplifying the matching process.
- Fast and easy exchange of insert with no need to special adjustments.
- Extended work range from 0 to 60 degrees with continuous angle adjustment.
- Easy setting of bevel angel and width.
- Vibration insulation providing added protection for both user and machine.
- One universal guide plate for bevelling both plates and pipes which replaces 3 different attachments used with the BM20.
- Optional attachment available for larger pipe.

SPECIFICATIONS	
MODEL	BM-21
Motor	1.1kW
Maximum Bevel Width	21mm
Motor Speed	2800 RPM
Angle Range	0-60° with continuous angle adjustment
Tooling	Integrated milling head with 10 square adjustments
Weight	20kg
Power Supply	230VAC/50Hz or 115 VAC/60Hz





### BM12 Plate Beveller

A versatile and compact, hand held machine which allows straight edges, contours and cut outs to be bevelled with ease.



SPECIFICATIONS	
MODEL	BM12
Motor	1800 watts
Motor Speed	2300 – 6500 variable
Speed Wheel Settings	1/ 2300 2/ 2600 3/ 3700 4/ 4800 5/ 5800 6/ 6500
Std. Bevel Angle	45°
Max. Chamfer Height	45° : 10.6 mm
Min. Dia. For Inside Bevels	30mm
Length	430mm
Width	150mm
Height (excluding front handle)	190mm
Weight	6.5 kg
Power Supply	230VAC/50Hz or 115 VAC/60Hz

**Features:**

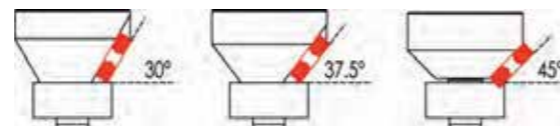
- Precision dial scale for precise adjustment of the chamfer height.
- Variable speed control and feedback electronic speed stabilisation for stable cutting speed.
- 5 indexable carbide inserts for chatter-free bevelling.
- Works with steel, stainless steel, aluminium, copper, plastic and other materials.

**BM15 Package Includes:**

- Tool holder 45°
- Carbide Inserts (set of 5)
- Torx Wrench
- Hook Spanner Wrench
- Spindle Lock Bar
- Hex Wrench M6
- Hard Case

**Optional Assesory**

- 30° Tool Holder
- R3 Radius Head



### XL15

The XL15 is an innovative, variable angle plate beveller incorporating user-friendly features.

**Features / Benefits:**

- Produces a bevel ready for welding on any steel plate or component from 5 to 40mm thickness.
- A minimum width of 70mm and minimum working length of 150mm.
- Simple, variable adjustment bevel angle from between 15 and 50 degrees without replacing any parts.
- Cutters available for mild and stainless steel bevelling.
- Easy setting of material thickness and cut with easily visible graduated scales for simple set up.
- Operator friendly handles for transferring the machine around the workplace or positioning during long machining processes.
- High quality and hard performing working parts.
- Electronic operating system enclosed in a safety conscious, heavy duty control box.



Shown with optional 3D frame.

SPECIFICATIONS	
Model	XL15
Maximum Bevel Width	15mm
Bevel Angle	15-50 degrees - variable
Material Thickness	6-40mm
Motor Power	1500 Watt
Motor Speed	2800 RPM
Nominal Feed Rate	3.5 metre/min
Weight	94kg
Dimensions	530 x 395 x 860mm

### Roto-Star

High precision range of Rotary Welding Positioners

Roto-Star III with plate



Also available for Roto-Star 1



Roto-Star III



Roto-Star I

**Features & Benefits**

- **Available With A Three Jaw Chuck or Surface Plate**  
Designed to hold a wide range of parts
- **Heavy Duty Construction**  
Supports work pieces up to 125kg
- **Unique Through Spindle Feature**  
Will accommodate any length of material up to 2-1/2" (63.5mm) diameter
- **Dual Grounding System**  
Makes it ideal for Aluminum or Stainless Steel Welding
- **Variable Speed Control Panel**  
With smooth movement forward and reverse from 0 to 15 RPM
- **Work Head Positions 0 to 90 Degrees**  
Increases machine versatility
- **Stop/Start Foot Pedal Operation**  
For hands-free operation
- **Available with Optional Variable Speed Foot Pedal**  
Puts the operator in full control.

SPECIFICATIONS				
	Roto-Star I	Roto-Star III	Roto-Star I – P with plate ROTO1-P	Roto-Star III – P with plate ROTO3-P
Part no.	ROTO1	ROTO3		
Chuck	6" / 152mm	8" / 203mm	-	-
Swing @ 0° (maximum)	16" / 406mm	20" / 508mm	16" / 406mm	20" / 508mm
Vertical weight capacity	100kg	125kg	100kg	125kg
Horizontal weight capacity	50kg	75kg	50kg	75kg
Thru spindle part capacity	1-1/2" 38.1mm	2-1/2" 63.5mm	-	-
Spindle rotation	360°	360°	360°	360°
Spindle speed	0 - 15RPM	0 - 8RPM	0 - 15RPM	0 - 8RPM
Angle adjustment*	0 - 90°	0 - 90°	0 - 90°	0 - 90°
Grounding capacity	300A	300A	300A	300A
Voltage	110v or 240v	110v or 240v	110v or 240v	110v or 240v
Shipping Weight	30kg	45kg	22.5kg	32.5kg
Optional rotary table	12" / 304mm dia	16" / 406mm dia	-	-
Fixed rotary table	-	-	12" / 304mm dia	16" / 406mm dia

\* Adjusts in 15° increments.

