

MACHINE EXPRESS



METAL WORKING MACHINES | BELT GRINDER & POLISHERS
WELDING FUME EXTRACTION | CIRCULAR SAWING MACHINES | INDUSTRIAL
BANDSAW MACHINES | PORTABLE BANDSAWING MACHINES
WELDING & PLASMA CUTTING MACHINES

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Group Ltd

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CATALOGUE

GREAT DEALS ON:

METAL WORKING MACHINES | BELT GRINDER & POLISHERS
WELDING FUME EXTRACTION | CIRCULAR SAWING MACHINES | INDUSTRIAL
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WELDING & PLASMA CUTTING MACHINES

WELDING POSITIONERS



POWER 66 Bench Top Rotary Turntable

- Variable speed 0.6-6.0 rpm
- 240 volt 13 amp Operation
- 100kg Horizontal Operation
- 50kg Vertical Operation
- 470 x 400 x 350mm
- 200mm dia table



POWER 120 Rotary Turntable

- Variable speed 0.6-6.0 rpm
- 240 volt Operation
- 120kg Horizontal Operation
- 60g Vertical Operation
- 750 x 523 x 800mm
- 400mm dia table



POWER 360 Rotary Turntable

- Variable speed 0.2-6.0 rpm
- 240 volt Operation
- 360kg Horizontal Operation
- 175g Vertical Operation
- 700 x 1079 x 859mm
- 500mm dia table



POWER SR1200 Roller Positioner

- 1200kg load
- Diameters between 20 and 800 mm.
- Variable speed 80-1600 rpm mm/min
- Roller drive with DC motor and gearbox.
- Dimensions: 520 x 470 x 390mm (lwxh)
- 240 volt



POWER SR3000 Roller Positioner

- 3000kg load
- Diameters between 50 and 3000 mm.
- Variable speed 80-1200 rpm mm/min
- Roller drive with AC electric motor with inverter and gearbox.
- Dimensions: 1700 x 550 x 490mm (lwxh)
- 415 volt



POWER SR5000 Roller Positioner

- 5000kg load
- Diameters between 50 and 3000 mm.
- Variable Speed 80-1200 rpm mm/min
- Roller drive with AC electric motor with inverter and gearbox.
- Dimensions: 1830 x 550 x 490mm (lwxh)
- 415 volt

CLEAN TECH

TIG/MIG Weld Cleaner



Cleantech kit is the new system to clean easily and quickly the TIG and MIG welds on stainless steel. Cleantech eliminates completely all the colouring and oxidation effects that are usually produced on the weld piece during the welding process as a result of the instantaneous electro-chemical reaction. Telwin cleantech stainless steel weld cleaning and stainless steel cleaning system

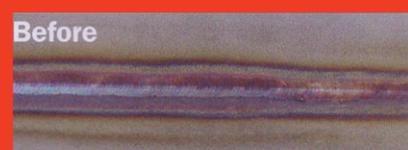
Your TIG and MIG welding seams on stainless steel will be clean and shiny as never before.

This product is used to clean the welding seam created by TIG or MIG welding processes on stainless steel. The cleaning procedure completely removes all effects created by colouring or material oxidation, which are normal following an arc welding process. They give the welded piece a shine and enhance the appearance of the welding seam.

Part Number: 850000

Dimensions: 345 x 215 x 280mm

Weight: 14.4kg



AUTOMOTIVE SPOT WELDERS



Automotive Induction Heating System.

- Speed up the removal of glued parts & bolts.
- Ideal for windows, stickers, exterior trim and bolts or bearings.
- Fully automatic setup and adjustment.
- Transfers a large amount of heat to a specific area in seconds.
- Will not damage glass, rubber or painted surfaces.
- 240 volt
- Dimensions: 390 x 260 x 230mm
- Part No. TEL-835010
- Supplied with 4 accessories, optional trolley available

A Heavy Duty Microprocessor controlled spot welding machines for car body repair.

Features:

- Digital multifunction control panel
- Auto regulation of spot welding parameters
- Pulse Galvanised function
- Thermal protection
- Under Voltage protection
- 9000 available with water cooling
- Full range of arms available
- Different clamps and guns available
- Studer kit available
- Trolley Mounted
- Pneumatic clamp



	Voltage	Output Amps	KW @ 50%	Thickness	Duty %	Size - mm	Weight	Part No
Digital Spotter 7000	415 2 phase	4500	6.7	1.5 + 1.5	3	520 x 380 x 885	50	823022
Digital Spotter 9000	415 2 phase	70000	13	5 + 5	5.5	760 x 570 x 1060	145	824045

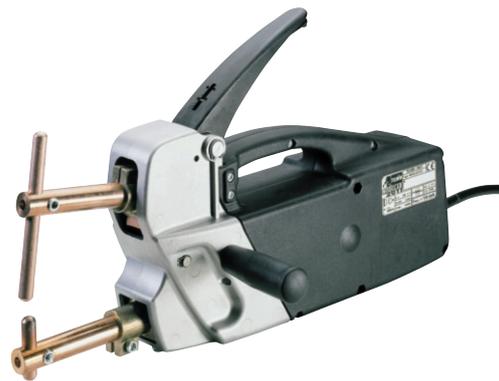
COLUMN SPOT WELDERS



A Heavy Duty Column spot welder with movable arms and built-in synchronous control by thyristors.

Features:

- Full adjustment of spot welding current (from 20 to 100 %),
- Spot welding time (from 1 to 100 cycles),
- Mechanical or Pneumatic Control options
- 220daN Electrode force
- 330mm electrode length (arms)
- 790 x 320 x 1280mm
- Adjustable lower arm on 28 models



Smaller 1.2 & 2.3Kw 240 volt units available

	Voltage	KVA - MAX	KVA @ 50%	Thickness	Arm Length	Arm Height	Weight	Part No
PTE 18 Mechanical	415 3 phase	22	15	3 + 3	330	150	115	824039
PTE 28 Mechanical	415 3 phase	60	25	5 + 5	330	220	141	824041
PTE 18 Mechanical	415 3 phase	22	15	3 + 3	330	150	109	824043
PTE 28 Mechanical	415 3 phase	60	25	5 + 5	330	220	145	824045

85MM PORTABLE BANDSAW



FEATURES:

- Variable speed
- Silent running motor
- Blade tensioning device
- Anti-reset safety function
- Cuts without lubrication
- Excellent cutting accuracy
- Very portable



Motor	850w 240 volt single phase
Blade Size	1330 x 13 x 0.65mm
Blade Speed	Variable speed - 30 ~ 80 m/min
Dimensions	650 x 310 x 450mm (LxWxH)
Weight	20kg
Part Number	TGS-YCM-085-240V

CUTTING CAPACITY		
90°	● 85mm (3 1/4")	85 x 100mm (3 1/4" x 3 7/8")
		60 x 65 mm (2 1/4" x 2 1/2")
45°	● 65mm (2 1/2")	60 x 65 mm (2 1/4" x 2 1/2")
		60 x 65 mm (2 1/4" x 2 1/2")

125MM PORTABLE BANDSAW



FEATURES:

- Variable speed
- Silent running motor
- Blade tensioning device
- Anti-reset safety function
- Cuts with out lubrication
- Excellent cutting accuracy
- Very portable



Motor	1010w 240 volt single phase or 110 volt
Blade Size	1440 x 13 x 0.65mm
Blade Speed	Variable speed - 30 ~ 80 m/min
Dimensions	680 x 290 x 480mm (LxWxH)
Weight	22kg
Part Number	TGS-YCM-125-240V/TGS-YCM-125-110v

CUTTING CAPACITY			
90°	●	125mm(5")	130 x 125mm (5" x 5")
			76 x 76mm (3" x 3")
45°	●	76(3")	50 x 50mm (2" x 2")
			76 x 76mm (3" x 3")
60°	●	50mm(2")	130 x 125mm (5" x 5")
			50 x 50mm (2" x 2")

150MM PORTABLE BANDSAW



FEATURES:

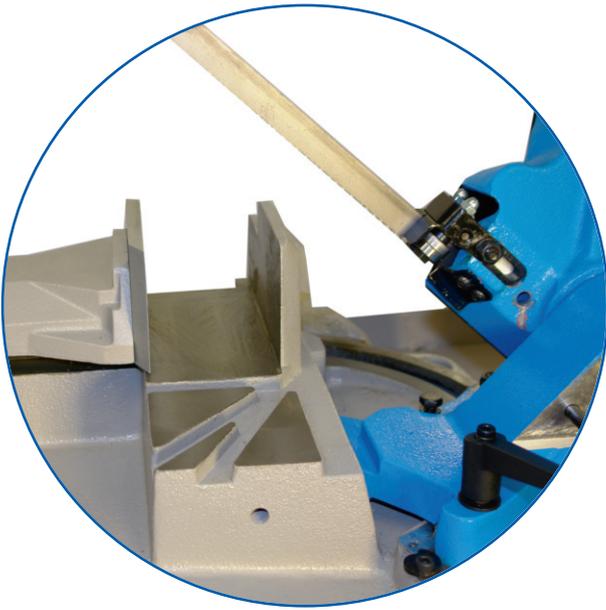
- Variable speed motor
- Silent Running motor
- Blade tensioning device
- Anti-reset safety function
- Excellent cutting accuracy



Motor	1500w 240 volt single phase
Blade Size	1735 x 13 x 0.9mm
Blade Speed	Variable speed - 30 ~ 80 m/min
Dimensions	1000 x 430 x 495mm (LxWxH)
Weight	30kg
Part Number	TGS-YCM-150N-240V/TGS-YCM-150N-110V

CUTTING CAPACITY		
90°	● 150mm (6")	■ 150 x 140mm (5 7/8" x 5 1/2")
		■ 100 x 90 mm (3 7/8" x 3 1/2")
45°	● 90mm (3 1/2")	■ 65 x 70mm (2 1/2" x 2 3/4")
		■ 100 x 90 mm (3 7/8" x 3 1/2")
60°	● 65mm (2 1/2")	■ 150 x 140mm (5 7/8" x 5 1/2")
		■ 100 x 90 mm (3 7/8" x 3 1/2")

170MM PEDESTAL BANDSAW



FEATURES:

- Variable speed motor
- Silent Running motor
- Blade tensioning device
- Anti-reset safety function
- Quick clamp vice
- Built in coolant system
- Excellent cutting accuracy
- Includes pedestal, with cupboard
- Ampage & Over Temp. protection system

CUTMAX

Motor	1750w 240 volt single phase
Blade Size	2035 x 20 x 0.9mm
Blade Speed	Variable speed - 30 ~ 80 m/min
Dimensions	1110 x 630 x 1300mm (LxWxH)
Weight	145kg
Part Number	TGS-YCM-210ECO-240V

CUTTING CAPACITY

Angle	Blade Diameter	Blade Length
90°	170mm	170 x 740mm
45°	130mm	130 x 150mm
60°	75mm	75 x 75mm

180MM PEDESTAL BANDSAW



FEATURES:

- Variable speed motor
- Silent Running motor
- Blade tensioning device
- Roller bearing guide
- Quick clamp vice
- Full built in coolant system

CUTMAX

Motor	2000w 240 volt single phase
Blade Size	2080 x 20 x 0.9mm
Blade Speed	Variable speed - 30 ~ 80 m/min
Dimensions	1280 x 550 x 1370mm (LxWxH)
Weight	215kg
Part Number:	TGS-YCM-210-240VOLT

CUTTING CAPACITY		
90°	● 180mm (7")	■ 200 x 150mm (7 7/8" x 5 7/8")
		■ 110 x 110mm (4 7/8" x 4 7/8")
45°	● 110mm (4")	■ 70 x 70mm (2 3/4" x 2 3/4")
		■ 110 x 110mm (4 7/8" x 4 7/8")
60°	● 70mm (2 3/4")	■ 200 x 150mm (7 7/8" x 5 7/8")
		■ 70 x 70mm (2 3/4" x 2 3/4")

225MM PEDESTAL BANDSAW



Semi automatic down feed model shown
TGS-270-AUTO



FEATURES:

- Two speed motor -415v version
- Variable speed motor - 240v version
- Blade tensioning device
- Roller bearing guide
- Quick clamp vice
- Full built in coolant system
- **Manual down feed model available**
- Includes pedestal, with cupboard

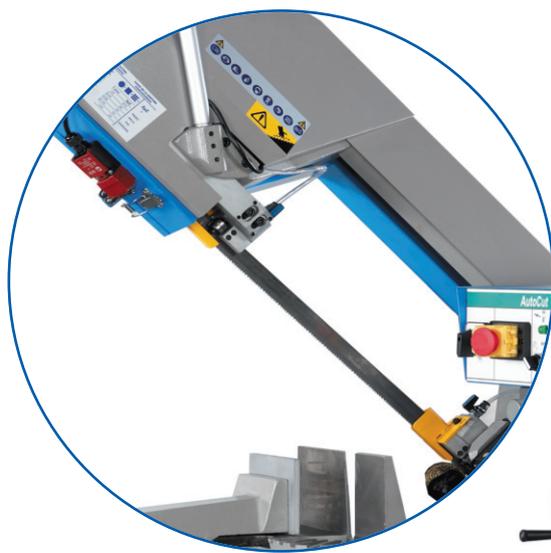
CUTMAX

Motor	2500w 240 volt single phase or 1hp 415 volt 3 phase
Blade Size	2455 x 27 x 0.9mm
Blade Speed	Variable speed - 30 ~ 80 m/min
Dimensions	1350 x 715 x 1326mm (LxWxH)
Weight	250kg
Part Number:	TGS-YCM-270-AUTO-240VOLT/ TGS-YCM-270-AUTO-415VOLT TGS-YCM-270-240V

CUTTING CAPACITY

90°	● 220mm (8 1/2")	■ 230 x 185mm (9" x 7")
45°	● 150mm (6")	■ 150 x 210 mm (6" x 8")
60°	● 90mm (3 1/2")	■ 90 x 100mm (3 1/2" x 4")

285MM PEDESTAL BANDSAW



FEATURES:

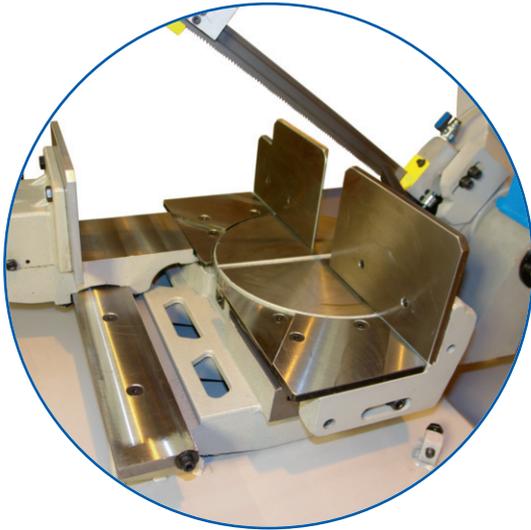
- Two speed motor
- Blade tensioning device
- Roller bearing guide
- Quick clamp vice
- Full built in coolant system
- Includes pedestal, with cupboard



Motor	1.7 hp 415 volt 3 phase
Blade Size	2730 x 27 x 0.9mm
Blade Speed	Variable speed - 35 / 70 m/min
Dimensions	1350 x 715 x 1400mm (LxWxH)
Weight	280kg
Part Number:	TGS-YCM-285-AUTO-415VOLT

CUTTING CAPACITY		
90°	● 240mm (9 1/2")	■ 270 x 230mm (10 3/4" x 9 1/2")
		■ 200 x 200 mm (8" x 8")
45°	● 200mm (8")	■ 125 x 125mm (4 3/4" x 4 3/4")
		■ 200 x 200 mm (8" x 8")
60°	● 125mm (4 3/4")	■ 270 x 230mm (10 3/4" x 9 1/2")
		■ 125 x 125mm (4 3/4" x 4 3/4")

300MM PEDESTAL BANDSAW



FEATURES:

- Mitre both ways - 45° left, 60° right
- Two speed motor
- Semi Automatic cutting system
- Silent Running motor
- Single angle adjustment
- Anti-reset safety function
- Quick clamp vice for opening/tightening
- Built in coolant system
- Excellent cutting accuracy
- Includes pedestal, with cupboard
- Easy clean swarf tank
- Mitre angle preset stops
- Full adjustment for mitres



Motor	1.6hp 415 volt 3 phase
Blade Size	2965 x 27 x 0.9mm
Blade Speed	Variable speed - 36 ~ 72 m/min
Dimensions	1600 x 970 x 1940mm (LxWxH)
Weight	310kg
Part Number:	TGS-YCM-300

CUTTING CAPACITY		
90°	● 260mm	■ 295 x 250mm
45°	● 240mm	■ 225 x 215mm
60°	● 240mm	■ 160 x 130mm
-45°	● 190mm	■ 190 x 190mm

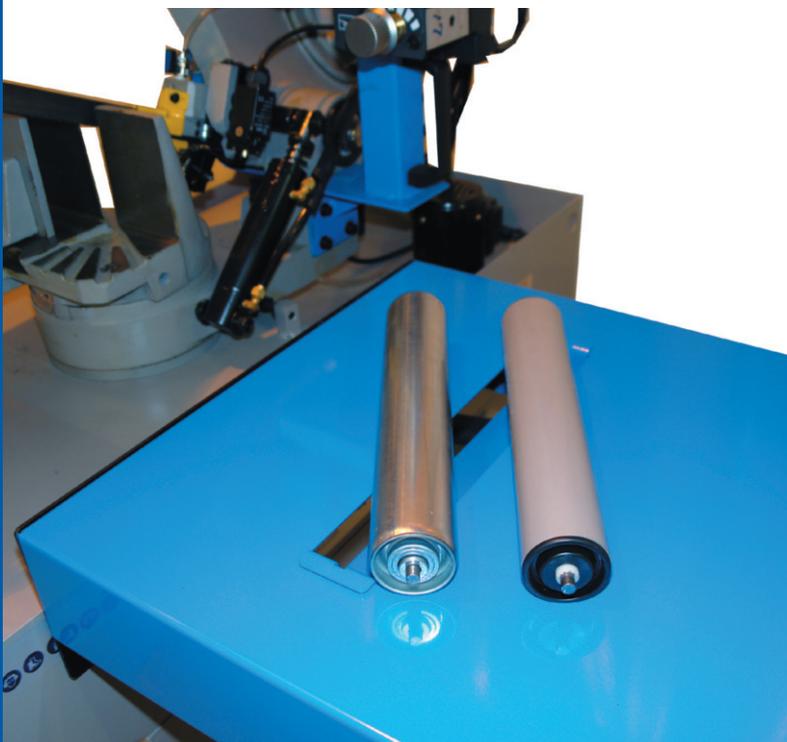
ROLLER TRACK & SUPPORT



FEATURES:

- A Flexible Roller Track System
 - Very Versatile Material Support.
 - Ideal for pedestal sawing machines
 - Fully Height adjustable
 - Simple to use
 - 300kg load capacity
 - Rollers easily removable
 - Plastic Rollers for Aluminium & Stainless
 - Steel rollers for use with Mild Steel
 - Hard wearing powder coat finish
 - 800 - 1200mm working height
 - 470mm wide
 - 15000mm long
 - Easy to extend for extra length
- Ideal for use with CUTMAX Pedestal Saws**

**INFEED
OR
OUT FEED
OR
BOTH SIDES
OR
ON IT'S OWN**



CUTMAX

305MM MITRE BANDSAW



FEATURES:

- Variable Speed
- Cut stop limit switch's
- Adjustable blade tensioner
- Magnetic NVR switch
- Cast iron bow and bed
- Built in coolant system
- **Swing head for mitre cuts**

CUTMAX

Motor	2hp 415 volt 3 phase
Blade Size	3475mm
Blade Speed	Variable speed - 17 ~ 82 m/min
Dimensions	1900 x 740 x 1020mm (LxWxH)
Weight	490kg
Part Number:	TGS-305MVS

CUTTING CAPACITY

90°	● 305mm (12")	■ 406 x 254mm (16" x 10")
		■ 305 x 203 mm (12" x 8")
45°	● 203mm (8")	■ 305 x 203 mm (12" x 8")

INDUSTRIAL CIRCULAR SAWS



10" Industrial Circular Saw

Item No: TGS- 01554

- 230v (13amp) supply
- Single Speed
- 1.1kw (1.5hp) motor
- **Cutting capacity @ 90°: 75 x 45mm (box), 60mm (round)**
Cutting capacity @ 45°: 55 x 45mm (box), 55mm (round)
- 250mm max. blade size
- 42rpm blade speed
- Designed for cutting ferrous metals
- Cast iron machine head and base
- Single vice with cut-off clamp
- Built in coolant system with external filter
- Blade included
- Complete with stand



12" Industrial Circular Saw

Item No: TGS-01565

- 400v - 3ph supply
- Dual Speed: 18 rpm @ 750w (1hp) 36 rpm @ 1.3kW (1.7hp) motor
- **Cutting capacity @ 90°: 140 x 90mm (box), 100mm (round)**
Cutting capacity @ 45°: 100 x 90mm (box), 90mm (round)
- 315mm max. blade size
- 18rpm / 36rpm blade speeds
- Double vice
- Designed for cutting ferrous metals
- Cast iron machine head and base
- Twin vice (centralises the work piece)
- Built in coolant system for cut lubrication
- Blade included
- Complete with stand



BELT GRINDERS



GX752H 75mm Twin Speed Belt Grinder



Multifunctional operation with special attachments – fitted within minutes. Ideal for railing, frame and pipe construction work including shop fitting

FEATURES:

- Safety switch with motor protection and low voltage release
- 75 x 2000mm Belts
- 1.5/2 kW 415 volt 3 phase motor
- Contact and surface grinding
- Adjustable working height
- Surface grinding platen (height adjustable) with 75 x 430 mm

GXR Pipe Notching Unit - Fits on GX752H



Grinds all angles between 30 & 90 degrees, Various size rollers are available. The unit is ideal for pipes and profiles of dia. 16 – 75 mm. Revolutionary speed of 1.500 rpm is ideal for VA-less heat, paint and burr pipes. Quick clamping for round and square tubes and flat material. With integrated adjustable depth stop, cross slide as standard equipment. The unit comes complete with one 75 x 2250mm, 36 grit belt and with one contact roller dia. 42,4 mm (1 1/4")
FIT'S TO THE GX75 2H BELT GRINDER UNIT

GI1502H 150mm Twin Speed Belt Grinder



A belt grinder for almost any task, the powerful motor keeps the speeds constant and ensure high grinding performance. A Pipe Notching or Longitudinal Grinder module are available to fit this model grinder. Two type's of base are available.

FEATURES:

- Safety switch with motor protection and low voltage release
- 150 x 2000mm Belts
- 2600-3100 kW 415 volt 3 phase motor .
- Contact and surface grinding
- Adjustable working height

100mm Belt Grinder & Deburring Machines



A range of bench mountable Deburring Machines are available from Grit, these units are ideal for use with pipes and profiles. Also available is a 100mm Bench Top Belt Grinder with either single or 3 phase motor's fitted.



MOBILE FUME EXTRACTION



This mobile mechanical fume filter, is ideally suitable for use in various welding workplaces and conditions. The ProfiMaster is designed for every day use. Wheel mounted for ease of movement within the factory and the extraction arm can be swivelled by 360°. It is therefore very easy to direct the arm into any desired position. The Profimaster is the ideal solution to your extraction problems. The contaminated air captured by the extraction hood is separated from rough particles by a prefilter. Thus, the prefiltered air is directed through the subsequent main filter with a filter efficiency of more than 99.9 % and the clean air is fed back to the workshop by two lateral blow-grids integrated in the machine. A control light indicates a necessary replacement of the filter insert. To replace the filter, the top cover is folded back. The life expectancy of the filter is subject to the application of the ProfiMaster. All necessary controls, indicators and instructions are shown on the detailed control panel.

TECHNICAL DATA:

- Dimensions (w x d x h) 785 x 730 x 950 mm
- Weight with Arm ca. 106 kg
- Diameter extraction arm 150 mm
- Motor power 1.1 kW
- Power supply 3 x 400 V / 50 Hz
- Control voltage 24 V, DC
- Rated current 2.3 A
- Noise level ca. 70 dB(A)
- Extraction capacity at hood max. 1.100 m³/h
- Maximum vacuum 2.100 Pa

3m Arm fitted as standard
2m or 4m Arms Optional

PART NUMBERS:

- 110 volt - KEM-60650101-110
- 240 volt - KEM-60650101-240
- 415 volt - KEM-60650101-415

Filter:

- Filter method 2-stage
- Type of Filter: Disposable
- Filter surface 17 m²
- Filter efficiency > 99%
- Filter material: Non-woven Fibre
- Welding fume separation class W3

METAL WORKERS

45-Max. Capacity*

38 x 8 Punch
200 x 15 Shear
100 x 8 Angle Cut
100 x 12 Bend

*based on material strength of
450N/mm²

60-Max. Capacity*

38 x 1 Punch
200 x 20 Shear
127 x 12 Angle Cut
150 x 12 Bend

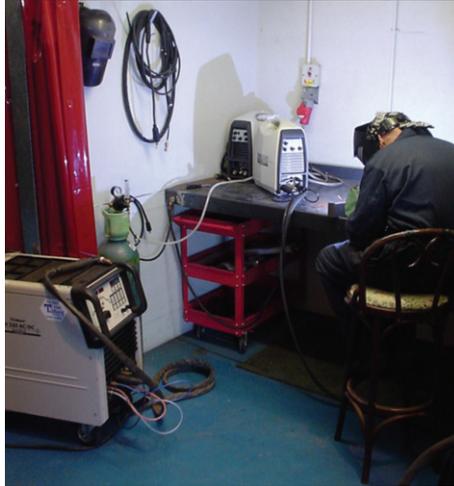
*based on material strength of
450N/mm²



45 & 60 Tonne Metal Workers

5 stations punch, angle, section cutting & notching, shearing all on **One Machine**. An extensive range of applications, tube notching, bending, bar-end cropping special shape punching, 45 & 60 tonne capacity, Single phase or 3 phase machines available, Features include: universal bolster for punching flat bar, angle iron and the flange of channel and/or beam. Punching up to 38mm. Large hole attachment for punching up to 110mm. Heavy duty support tables. Unique 'Z' aperture enabling cutting of angle iron in every angle from 45 to 90, both internal and external. Centralised pressure lubrication and low level of maintenance.
Full range of tooling available

INDUSTRIAL TRAINING



- Full Welder Training for MIG, TIG and Arc Welding Process,
- Full Welder Training & Qualification Approval,
- BSEN287 & ASMEIC Welder Qualifications with 3rd party individuation,
- Health & Safety Training for Welding & Cutting Equipment,
- Use of Oxy Fuel Gas Equipment Instruction,
- Weld Procedure & Welder Qualification Training is also available.

Welder training and approval testing can be provided at our own welding school on Stafford Park in Telford or the clients premises providing they have suitable facilities and welding equipment.

Our qualified personnel will supply welder training & testing [coding] to include job knowledge, practical skills, training, health and safety, risk assessments, weld procedures and pre employment assessments.

Training can be specifically designed to suit you or your organisation, ensuring you or every member of your staff develops the skills to carry out welding tasks competently and to the required standard, thus satisfying both your customers and insurance company.

Welding can often be seen as daunting process to undertake. We can offer basic welder training for people who have never even welded before. Our training staff will take them through the operation and safety aspects of the welding process and the most commonly used types of machine, then provide practical training on various types of materials or applications common to an industry. If there is a certain type of welding or part of the process to be improved on, a training course can be tailored to suit.

If the client prefers that the candidates are to be trained at their premises, our trainer would require an office or meeting room to carry out the safety at work and job knowledge sections of the course and the review sessions.

Our training days are 8.30am till 4.30pm with a 1-hour lunch break. Delegates would need to bring their own personal protective clothing and their own welding shield if they have one.

The accepted proven level of welding competency in Europe is BS EN 287 Welder Approval, often referred to as 'coded welder – Class one – etc'. The range of competency within BS EN 287 is extensive. For production welders and maintenance fitters it is expected a Tee Fillet Weld in the horizontal vertical position (inverted tee), in the MIG process is to be achieved.

This will depend on the existing skill and experience level of the candidate, and being familiar with the weld process being used.

BS EN 287 calls for the weld test to be the best reflection of the day to day requirements or the most commonly used in a normal production or maintenance environment, we suggest a 6mm single run, Tee Fillet in low carbon Steel (HUMS), welded in the PB (Horizontal Vertical) position for the welding process.

Within BS EN 287, 'Job Knowledge' is a non-mandatory option only in UK and Denmark but we include this section, being a basic understanding of how the process works and the safe use of the equipment, which is increasingly required by the HSE. On the assumption that the candidate has been welding in the processes to be tested on for some time and therefore have an existing practical skill level we would expect them to be competent to achieve the approval with two days training.

OXY-FUEL GAS Portable cutting/Welding Equipment Safe Use & Handling Course in accordance with British Compressed Association CP7

This one day course involves, in the first part, a technical lecture approx three hours, all training room based. The second part is workshop based and is on the safe practice and use of the equipment, this requires two to three hours, dependant on the number of attendees.

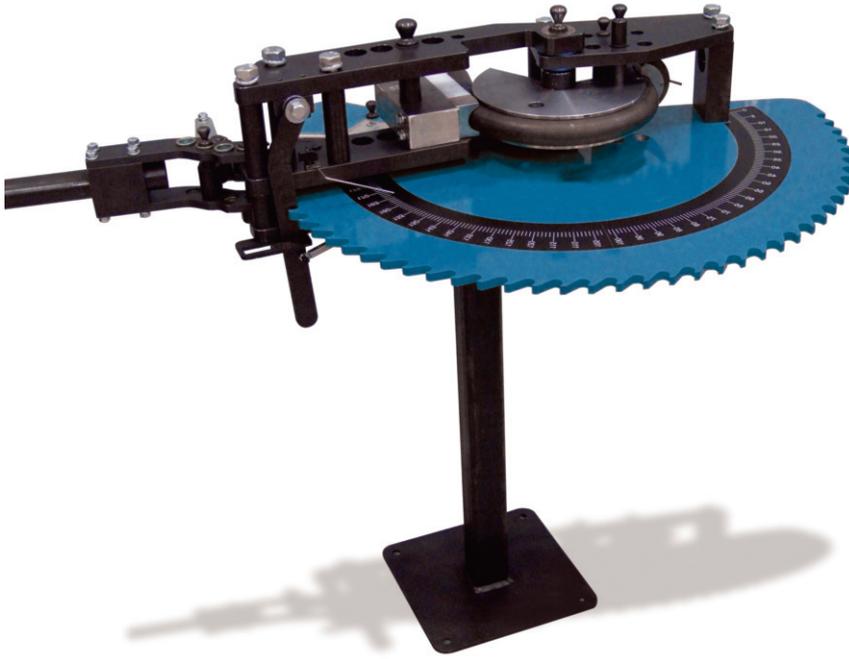
Part 1 Covers:

Safe storage and handling of compressed gas cylinders
 Health & Safety aspects, Equipment, Heat & eye protection, Equipment assembly, leak testing, Regulator setting and diaphragm loads, Blowpipe lighting and shutdown and transportation.

Part 2 Covers:

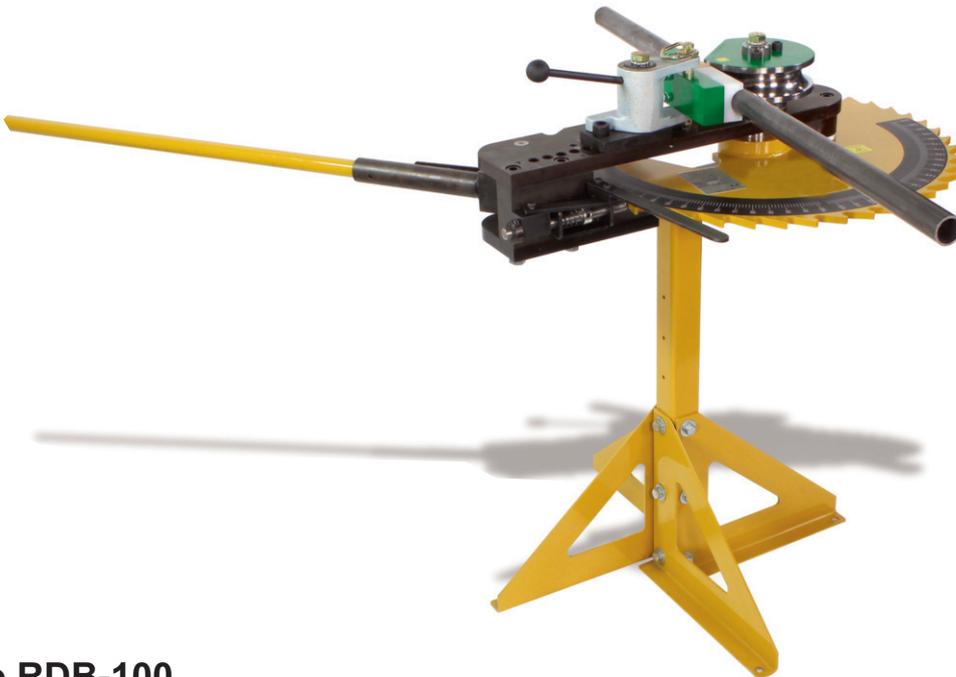
Inspection of equipment prior to assembly, Assembly of equipment and set up
 Lighting the Blowpipe, Safe use and practical cutting/welding, Shutdown of flame
 Shutdown of equipment and Storage when not in use

ROTARY DRAW BENDERS



The RDB-050

The RDB-050 manual tube bender was designed as an affordable bender that has enough capacity for just about any fabrication shop. The RDB-050 is revolutionary in design, function and capacity. The RDB-050 is extremely powerful and can bend up to 2-1/2" OD mild steel with a wall thickness of .120" (62 x 3 mm) and 2" (50 mm) OD Chromalloy with a wall thickness of .120" (3 mm).



The RDB-100

The RDB-100 is perfect for the industrial fabricator that needs to bend lower production runs with very professional looking bends. Constructed of steel plate the RDB-100 ships mostly assembled with only the handle and stand needing to be attached. Like all top loading tube benders, the RDB-100 was made to accept hundreds of round and square tubing die sets as well as round pipe die sets. The RDB-100 is capable of bending up to 1-3/4" (45 mm) OD tubing with a maximum wall thickness of .095" (2.5 mm) and 1" schedule 40 pipe (48.3 x 3.7 mm).

ROLL BENDERS



The R-M10

This manually powered roll bender is capable of rolling full circles because of its open face design. The R-M10 can do anything that the larger models of roll benders can. The only difference is that The R-M10 is manually powered, but it does have a reduction gearbox to assist in the bending functions.



The R-M40

The R-M40 ring roller is perfect for rolling various sections such as hay hoops, coils of tubing, stair railing pipe and much more. Like most ring rolls the machine is manufactured using heavy steel plate, industrial grade transmissions, variable speed inverter driven drives, and much more.

DRILL PRESS



The DP-1000G

The DP-1000G is a very economical gear head pillar drill that can run in any fabrication or machine shop considering it requires 240 volts of power. It can drill through mild steel with up to a 1" drill bit. It comes standard with a heavy cast iron base and adjustable table.

To reduce flexing this gear head drill press uses an ample column with a diameter of 4". The gear head also can be adjusted up or down on the column. The transmission offers multiple speeds that are perfect for drilling and tapping an array of different materials. The DP-1000G comes standard with a halogen light and protective guarding.



The DP-1500G

DP-1500G gear head drill press is rigidly designed for heavy drilling. The column is a massive 5-1/2" diameter to help reduce possible flexing during heavy feeds at maximum capacity, which is 1-1/2" through mild steel. The base and table are made from a heavy casting and both have large T-slots to ensure a proper hold of the material being drilled.

The DP-1500G has a heavy industrial grade gear system that allows for an array of speeds to work with many different materials for drilling and tapping. To properly transfer the power from the gear head drill press to the material we have as standard a # 4 Morse Taper. The DP-1500G comes standard with a coolant system, guarding, a chuck and a halogen light.

A wide range of large capacity models are also available

FLOOR MOUNTED PILLAR DRILLS

KEY FEATURES:

- Magnetic NVR switch
- Aluminium motor housing
- Sturdy cast iron table with slots
- Easy lock motor adjustment
- Two year motor warranty



TGS-01434



TGS-01436



TGS-01438

Max. Capacity	20mm	25mm	32mm
Spindle Taper	MT2	MT3	MT4
Chuck	16mm	20mm	20mm
Max. Spindle Stroke	80mm	80mm	120mm
Swing	390mm	430mm	515mm
Number of Speeds	16	16	12
Motor	550W	750W	1100W
Voltage	240v (13amp)	240v (13amp)	240v or 415v
Weight	67KG	76kg	135kg
Part Number	TGS-01434	TGS-01436	TGS-01438 240v TGS-01436 415v

SHEARS & FOLDERS



An extensive range of metal shears consists of a sheet metal cutting machine for all thickness down to 10 gauge mild steel. Our line of metal cutting machines includes foot operated models, as well as hydraulic operated models. This range of sheet metal shears are heavily built to withstand years of cutting at full capacity. Each model is supplied with a standard with a set of high carbon, high chromium blades that offer years of service and can be re-surface ground for additional cutting life. Each model is equipped with finger guards and front arm extensions for safety and protection. Though the machines have been designed for shearing various metals, other materials like plastics can be cut as well.

The SF-5216 foot shear was designed for shearing mild steel through 16 gauge, and 20 gauge stainless steel. It is also ideal for shearing plastic, aluminum, brass and copper. This foot shear is so rigidly built that it can cut at full capacity (16GA) across the entire useful width (52") without any blade deflection.

The range of hydraulic shears consist of the SH-5214 and SH-5210. Each hydraulic shear comes with a powerful hydraulic system that is powered by 220 volt, single phase, 60 hertz power. The SH-5214 is a powerful metal cutting machine capable of cutting mild steel sheet metal through 14 gauge, and 18 gauge stainless steel. The SH-5210 has the strength to cut 52" wide sheets of mild steel through 10GA and 14GA stainless steel.

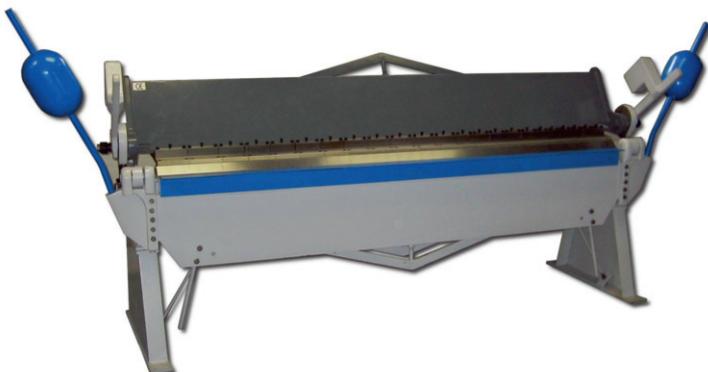


We offer an extensive line of manual and hydraulic press brakes to fit most applications by a small, medium or large fabrication house. For those small one off applications we offer a quality built manual press brake and shear. This one unit does it all and can be bench mounted, perfect for sheet metal shops.

We have an extensive line of vertical hydraulic press brakes that come in an array of sizes and tonnages. We offer NC (numerical controlled) or CNC (computer numerical controlled) versions that have encoder positioning devices for perfect position of the top beam. CNC models come standard with Delem controls allowing for up to 100 programs with up to 20 different bends per program. The controller offers multiple positions of the servo back gauge and multiple bend angles per

program. All models come standard with a 6 light safety curtain and standard production tooling. Models over 60 tons have hydraulic crowning features built in. These series of machines offer fantastic quality and finish for a great value to the end user.

Our final series is our horizontal brake press line or otherwise known as horizontal bending press machine. These machines are a perfect compliment for any fabrication shop that is press bending sheet metal or heavier mild steel. The advantage of this machine over the traditional vertical machine is that narrower and longer pieces that are hard to bend true can now lay flat on the bending table and be perfectly square with ease. Set up time is seconds and for smaller pieces you're not holding up the larger machine, thus making the fabrication shop much more efficient.



Sheet metal brake is a great machine for the sheet metal fabricator who is a hobbyist, light fabricator, or local educational institution. This brake is perfect for fabricators on a budget, but do not want to sacrifice quality in the bend just because of the lower price. For added rigidity the frameworks are made from fully welded steel plate.

PORTABLE GAS WELDING KITS

- Simple to Use -
- Light & Portable -
- No Cylinder Rental -
- 3 Choices of Kit Available -
- Full Range of Accessories -



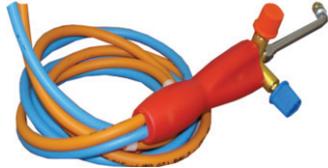
The Ideal Solution for
Many Welding, Brazing and
Heating Applications.

FROM

oxyturbo[®]

ACCESSORIES

SPARE PARTS

	Disposable Oxygen Cylinder for Turbo Sets (480300)		Disposable Turbo Gas Cylinder for Turbo Set 110 (483300)
	Disposable MAP Pro Cylinder for Turbo Set 200/300 (BUL-B1694)		Disposable Maxi Gas Cylinder for Turbo Set 90 (480200)
	80ltr Tip & Lance for Turbo Set 110 & 90 (110600)		80ltr Tip for Turbo Set 110 & 90 (N347900)
	Replacement Neck for Turbo Set 200/300 (N3109802)		Mirco Welding Set for Turbo Set 110 & 90 (110650)
	Nozzles, 63-100-250-315 l/m for Turbo Set 200/300 (110710)		Handle Assembly and Hose's for Turbo Set 200, 110 & 90 (110011)
	Nozzles, 63-100-160-225 l/m for Turbo Set 110 (110730)		Regulator for use with Disposable Oxygen Cylinder (220500)
	Regulator for use with Disposable Turbo Gas Cylinder (222516)		Regulator for use with Disposable MAP Pro Cylinder (417420.92)
	Regulator for use with Disposable Oxygen Cylinder (220600)		Regulator for use with Disposable MAP Pro Cylinder (223805)