

METALWORKING TOOLS

The Essential Range of Equipment for Crafting Metal



Scrolling



Bending



Twisting



Punching



Shearing



Riveting



F.H. BRUNDLE
SERVING THE TRADE SINCE 1889

What is it?

Here is an essential range of tools and materials for crafting metal, for pleasure and profit.

You don't need the skills of a metalworker, blacksmith or a welder to use our tools. They are incredibly easy and fun to use, and are suitable for beginners and professionals alike.

Our tools bend, shape, cut and join steel strip and bars at the pull of a lever and without the need for heat or electrical power making them safe and environmentally friendly to use. Because of their clever and unique design you can form metal into shapes, components or finished projects with really impressive and consistent results.

However, we don't just supply the tools individually, we supply them as complete workshop packages to kit out your garage, shed or workshop area. All tools are backed by comprehensive printed instructions as

well as viewable demonstrations on our website and Youtube channel.

All sizes stated are approximate and in mm.

These tools can be used for



A Craft Hobby

- Rewarding for those who enjoy making things and working with their hands.
- Appeals to those working with other crafts to combine metalwork with wood, ceramics, glass, candles and jewellery.
- Popular pastime for those people who have reached retirement and are looking to stay active.
- Useful metal forming tools for modelmaking.

DIY and Home Improvement

- Great for making a myriad of both practical and functional ideas for for the home and garden.
- Ideal for those tricky repairs around the house where you need a custom bracket, clip, strap, hooks and fasteners.
- Makes endless projects to enhance your garden with both contemporary or classical wrought iron designs.
- Also useful for making your home more secure with window/door grilles plus fencing and gates.



Business Start Ups and Additional Income Generator

These tools are quite literally a Business in a Box.

Many customers have turned their hobby into a thriving business by selling what they make for additional income or charitable fund raising.

Products can be made and sold through car boot sales, fetes, supplying local shops or via on-line sites like eBay, Amazon, Etsy or your own dedicated webstore.

Even used by sculptors and artists working with steel for commissions.



Education, Training and Re-habilitation

- Tools are supplied to schools, colleges and training establishments the world over.
- Develops practical hands on skills but also appeals to young people's functional and creative inventiveness.
- Quick and consistent results are achieved to give an instant sense of achievement.
- Often used to help develop manufacturing and engineering concepts as well as being used in young enterprise initiatives which combine team skills with IT, business studies and other useful skills for the world of work.



Commercial Use

- Used globally for commercial manufacture of products involving any aspect of metal bar forming or shaping.
- Our tools are used to make large scale products such as gates, fencing, balustrades, furniture and security grilles.
- However, at the other end of the scale they are used to make smaller craft related consumer products such as house signs, lighting and many other home and garden related products.
- Also appeals to a large and diverse range of businesses involved in fabrication, engineering, motor repairs, and maintenance work and can offer the opportunity to diversify and turn a skill into an additional money making venture.
- The tools inherent metalworking properties make them so useful for many commercial, industrial, construction and agricultural applications.



Which range would be best for me?

Practical Range



Most people who purchase the **Practical Range** do so because they are looking to make smaller scale items. Often these involve small or intricate scrollwork in lighter gauge material, from 10 x 1.6mm up to 20 x 3mm. That is not to say that the **Practical Range** cannot be used to make large items such as gates or furniture. However, if an item being made is load bearing or requires a significant degree of strength, it may have to incorporate quite a number of scrolls or jointed metalwork into the design to provide this strength.

For those on a restricted budget it is the ideal range to start with.

Master Range

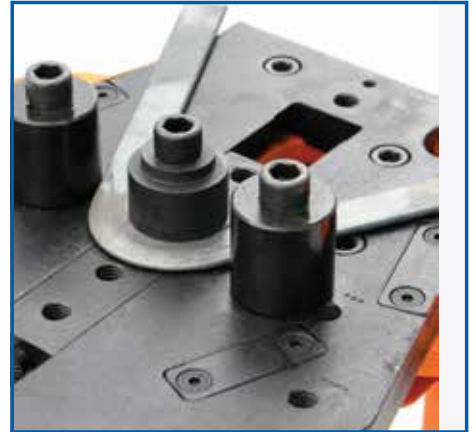


The **Master Range**, works with larger size and stronger material up to typically 25 x 5mm, which allows larger scale projects to be tackled more easily and without the need for so much intricate scroll work or jointed metalwork.

The **Master Tools** require a larger work area and have greater versatility overall, but they can still be used to work the lighter gauge materials associated with the **Practical tools**.

For commercial applications, the **Master Range** is a sensible entry level range.

XL Range



The **XL Range** is larger still and is for the serious professional and industrial user who requires the power to work with larger and varied sections of steel. In terms of value for money, it packs an amazing amount of functionality for commercial wrought iron producers, fabricators and engineering workshops.

For in-depth specification of the capability of the tools see from page 13 onwards. These can be bought individually or collectively in workshop packages subject to requirement and budget.

If after reading this you are still not sure what you may require, don't worry, we are here to help and advise.

It is important to us that we give you guidance to ensure you get what you need.

Why not take a look at our YouTube videos on our website.

We will do our utmost to answer your queries and provide the support you need whether it is in deciding what to buy or whether you have a technical query having purchased from us.

Simply call us on
01708 25 35 45

E-mail us at
sales@brundle.co.uk

Scroll Formers (Series 2 – Hand Drawn)

Hand operated tools for producing decorative scrolls from metal strip.

Create beautiful scrollwork with these easy to use scroll formers. The Mk 1/2 produces small delicate scrolls, whilst the Mk 2/2(H) is equipped to make bigger scrolls from larger material sizes.

With our magnetic markers you can mark the end point of the scroll so that you can produce repeatable scrolls of the same shape and size each time.



Code: 43MC017
Mk 1/2 Scroll Former
 W 100 x D 100 x H 45mm

Max. Working Capacity
 1/2" x 14G (13 x 2mm)
 Max. Scroll Size*
 3" (76mm) – see inset photo



Grip steel in centre of scroll former and by hand pull around the inner fixed segment to make a smaller scroll.



Drop-in outer segment to make a larger scroll.

- Easy-to-use
- Produces flat and consistent scrolls
- No pre-heating of metal required
- Ideal entry level (low cost) scroll formers
- Ensure you have ample work space around the tool to wrap longer lengths

*The maximum scroll size quoted is approximate due to the varying temper (spring) of steel.

All tools on this page are supplied complete with operating instructions, spare parts diagrams, scroll former template sheets and magnetic markers for repeatable scrolls.

Please note: The maximum working capacity stated is for Hot Rolled Mild Steel Bar and Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines.



Code: 43MC019
Mk 2/2(H) Scroll Former
 W 150 x D 150 x H 45mm

Max. Working Capacity
 20 x 3mm
 Max. Scroll Size*
 5" (127mm) – see inset photo
 Supplied with special starting lever to form initial part of scroll when using heavier gauge material.

Scroll Formers (Series 3 – Capstan Operated)



Professional tools that produce scrolls quickly and easily and don't require lots of bench space to operate in.

Our Series 3 Scroll Formers are designed to produce great looking and consistent shaped scrolls every time. They are also available with optional extra tube bending components that add an extra capability to your metalworking.

The Mk 2/3 Scroll Former produces very similar scrolls to the Mk 2/2(H) but it's capstan operation overcomes the need for lots of clear bench space around the Series 2 formers.

The Mk 3/3 produces larger scale scrolls from larger material sizes. With our magnetic markers you can mark the end point of the scroll so that you can produce repeatable scrolls of the same shape and size each time.



Code 43MC029

Mk 2/3 Scroll Former

W 150 x D 230 x H 120 x 210mm Handle Radius

Max. Working Capacity
20 x 3mm

Max. Scroll Size*
5" (127mm) – see inset photo

Tube Bending Capacity
Max tube dimensions 10mm O/D
Recommended wall thickness 1.2mm
Dia of tube former segment 49.7mm
(inner dia of formed tube)

Code 43MC029X

Mk 2/3 Scroll Former plus Tube Bending Components (a)



Supplied with all our scroll formers these easy to use sheets provide guidance on the length of steel needed to form different scroll sizes, very useful when planning your designs.



Mk 2/3 Tube Bending 43MC029X



Code 43MC022

Mk 3/3 Scroll Former

W 360 x D 320 x H 160 x 460mm Handle Radius

Max. Working Capacity
25 x 5mm (flat strip)
10mm (round bar)
10mm (square bar)

Max. Scroll Size*
8 1/4" (210mm) – see inset photo

Tube Bending Capacity
Max tube dimensions 20mm O/D
Recommended wall thickness 1.5mm
Diameter of small tube former segment 79mm (inner diameter of formed tube)
Diameter of large tube former segment 128mm (inner diameter of formed tube)

Code 43MC022X

Mk 3/3 Scroll Former plus Tube Bending Components (a)



Mk 3/3 Tube Bending 43MC022X



Scroll Formers (Series 3 – Capstan Operated)



Introducing the Mk 3/4 – the ultimate scroll former to complement your other XL range tools.

The Mk 3/4 version is a mighty scroll former producing very large scrolls out of some impressive steel profile sizes. Available with optional extra tube bending components.

Code 43MC025

Mk 3/4 Scroll Former

W 365 x D 360 x H 180 x 530mm Handle Radius (extendable to 910)

Code 43MC025X

Mk 3/4 Scroll Former plus Tube Bending Components (a)

Max. Working Capacity

50 x 6mm to 25 x 10mm (flat strip)
14mm (square bar) – 16mm if bar heated
14mm dia (round bar) – 16mm if bar heated

Max. Scroll Size*

10 1/4" (265mm) – see inset photo

Tube Bending Capacity

Max tube dimensions 20mm Outer Dia

Recommended wall thickness
1.5 to 2mm

Diameter of small tube former segment
79mm (inner diameter of formed tube)

Diameter of large tube former segment
128mm (inner diameter of formed tube)



Produces large scrolls for large scale wrought iron projects.



With extendable handles for delivering extra power when scrolling bigger material.



Also available with Tube Bending components.



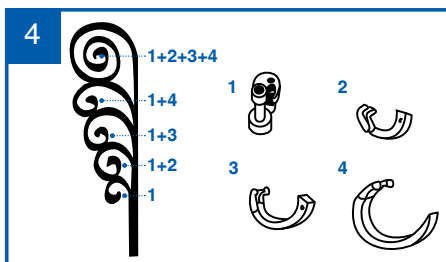
1 Open out segments and locate end of bar in central locking/gripping system.



2 Set guides on pressure roller and move roller in towards the centre of machine.



3 Rotate handles clockwise to form scroll to your desired size. Unlock and lift segments to release finished scroll.



4 Mk 3/3 and Mk 3/4 Scroll Formers have interchangeable segments to allow different scroll shapes to be made.

*The maximum scroll size quoted is approximate due to the varying temper (spring) of steel.

This tool is supplied complete with operating instructions, spare parts diagrams, scroll former template sheets and magnetic markers for repeatable scrolls.

Please note: The maximum working capacity stated is for Hot Rolled Mild Steel Bar and Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines.

Punch and Shear Tools

Dual function hand operated tools for cutting and punching holes in metal strip and bars.

Available in both the Practical and Master versions, these robust machines are the work horses of the range of tools. Cleverly combining a hole punching facility with a guillotine for cutting mild steel strip, square bar and wire to length; they are an extremely capable workshop tool for use in any DIY, training or production environment.



Cuts steel bars.



Punches fixing holes.

The hole punching capability can be used to punch screw-fixing holes in strip metal frameworks and also complements the riveting feature in the range of riveting/bending/rolling tools by providing the hole to locate the rivet. The punch is carried out by a replaceable punch block and pin which is specially machined and hardened for the task.

Because both machines are portable and require no electrical power, they are well suited to "on-site" work.

Tools are supplied complete with operating instructions and spare parts lists.

Please note: The maximum working capacity stated is for Hot Rolled Mild Steel Bar and Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines. The punch blocks, pins and shear blades are all consumable items for which replacements can be purchased readily.



Code 43MC013X Practical Punch and Shear Tool

W50 x D 175 x H 130 x 340mm Handle Length

Max. Working Capacity

Shearing – 20 x 3mm (flat strip), 5 (square bar), 5 (round bar/wire)

Punching – 1/8" (3mm) Dia hole in up to 3 thick material

Now Includes: The NEW Practical Tape Measuring Device for more accurate cutting and punching.

This great new innovation can also be bought and fitted to all previous versions of the Practical Punch and Shear Tool. See page XX for details.



Code 43MC015X Master Punch and Shear Tool c/w All Punch Pins and Blocks

W 60 x D 285 x H 155 x 450mm Handle Length

Max. Working Capacity

Includes: The Tape Measuring Device for accurate cutting and punching.

Shearing – 25 x 5mm (flat strip), 6 (square bar), 6 (round bar/wire)

Punching – Complete with 3, 5 and 6mm interchangeable blocks/pins

3/16" (5) Dia hole in up to 5 thick material

1/8" (3) Dia hole in up to 3 thick material

1/4" (6) Dia hole in up to 3 thick material



1

Punching is achieved by placing metal strip in the slotted punch block. Platform is adjustable to allow for accurate positioning along the centre of different widths of bar.



2

To shear, material is placed in gap between small fixed blade and large lever operated blade. Simply operate lever firmly and smoothly to shear.



3

N.B. On Master machine handle can be reversed to cut and punch in opposite direction.

- Easy to operate
- Rugged cam lever action which punches and cuts



The Master Measuring Bar/The Practical Tape Measuring Device.

This feature will enable you to achieve consistent cut lengths of steel every time, it will also produce accurate distances between your punched holes and the centre of a punched hole to the end of the bar.



Riveting, Bending and Rolling Tools



Triple action hand operated tools for riveting, bending and rolling metal strip and bars.

To weld or not to weld

The riveting system provides a safe, strong and authentic way of joining metalwork together for beginner and professional alike. Naturally, those with welding equipment may prefer to use this as a quick and convenient way to join formed metalwork together particularly in commercial use. It is no surprise that those able to weld easily spot the business diversification opportunities that these tools offer.



Rivets metalwork together.



Bends angles and shapes.

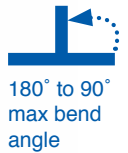
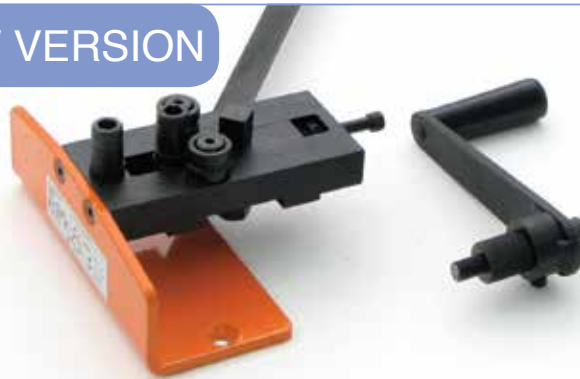


Rolls curves and circles.

Tools are supplied complete with operating instructions and spare parts diagrams.

Please note: The maximum working capacity stated is for Hot Rolled Mild Steel Bar and Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines.

NEW VERSION



180° to 90°
max bend
angle



3kg

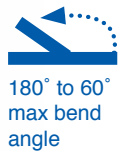
Code 43MC014 Practical RBR Tool

W 165 x D 150 x H 60
x 300mm Handle Length

Now improved to make forming curves and circles even easier.

Max. Working Capacity

- Riveting** – 3 Dia rivet
- Bending** – 20 x 3mm (flat strip),
5 (round), 4 (square bar)
- Rolling** – 20 x 3mm (flat strip),
5 (round), 4 (square bar)



180° to 60°
max bend
angle



11kg

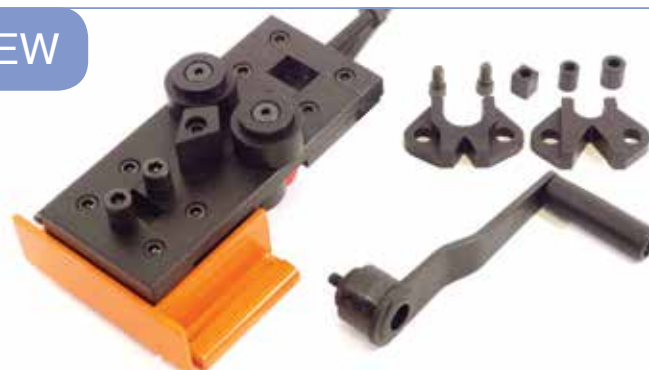
Code 43MC016 Master RBR Tool

W 165 x D 290 x H 115 x 440mm Handle
Length

Max. Working Capacity

- Riveting** – 5 Dia rivet
- Bending** – 25 x 5mm (flat strip),
10 (round), 10 (square bar)
- Rolling** – 25 x 6 or 30 x 5mm (flat strip),
10 (round), 10 (square bar)

NEW



180° to 60°
max bend
angle



12kg

Code 43MC016X Master RBR Tool plus Micro Blender

W 165 x D 290 x H 115 x 440mm Handle
Length

Max. Working Capacity

- Riveting** – 5 Dia rivet
- Bending** – 25 x 5mm (flat strip),
10 (round), 10 (square bar)
- Rolling** – 25 x 6 or 30 x 5mm (flat strip),
10 (round), 10 (square bar)
- Micro Blender** – 20 x 3 (flat strip)
6 (round), 6 (square bar)

Easy-to-use No pre-heating of metal required when riveting, bending or rolling



1
Riveting is simply achieved by placing the material to be joined (with rivet in pre-punched hole) between the riveting posts on the machine. Use the lever to squeeze up the rivet to form a strong joint.



2
For the bending operation, material is placed between the square or diamond shaped former and the side rollers. Operate the lever to gradually bend to required angle.



3
Rolling is achieved by using the winding handle to drive the bar forwards and backwards through the rollers. As this is done with each pass, the long lever is used to gradually increase pressure to roll an ever tighter curve. End stop screw and nut fitted for producing consistent bends and circles/arcs when rolling.

Riveting provides a quick, safe and easy way of joining metal strip and scroll work together, without the need for an electrical power source. The finished job gives an authentic and traditional appearance.

The **Bending** function is a useful tool for shaping all manner of components out of flat strip, square bar and round wire in a production environment. This makes it an essential tool in producing frameworks etc, for decorative work.

Finally, the **Rolling** facility enables circles and arcs of varying radii to be easily and consistently rolled without the need for pre-heating of the material.



Create varied and unusual shapes with free form progressive bending.

The NEW Master RBR Micro Bender

The set comprises 2 dual function drop on dies which can be used with three new bending heads and the existing diamond shaped bending head to increase the versatility of the Master RBR and allow you to make tighter bends, radiussed bends and also allow free form progressive bending.



You can now do tight intricate bends.



You can also now for the first time produce rounded bends.

The Master RBR Micro Bender can be bought separately and will fit all previous versions of the Master RBR (See page 10).

Twisters

Add that subtle twist to your ornamental wrought ironwork with our range of twisters – the only way to achieve consistent and even spaced twists in flat and square bars.



Use gripping bolts in collar and in the slide to set the section that you want to twist.



Code 43MC028X
Practical Twister c/w Slotted Adaptor

W 100 x L 1070 x H 90 x 280mm Handle Length

Max. Working Capacity
 20 x 3mm (flat strip only)

Twist Length*

Min 1" (25mm) Max 37" (940mm)

This special Boss and Slide Unit can be fitted to the Practical Twister in place of the standard collar to allow rapid twisting – a feature of particular importance if having to make repeated twists. The slotted collar also allows twists to be inserted in a length of flat strip which has scrolls already formed at each end.

Our Master Twister is the ideal mid range twister for metalcrafters.



Bar to be twisted is locked in place using the gripping bolts.



Code 43MC027X
Master Twister c/w 'Basket' Making Components

W 140 x L 1090 x H 140 x 740mm Handle Length

Max. Working Capacity
 25 x 10mm (flat strip)
 16mm (square bar)

Twist Length*

Min 1.8" (45mm) Max 38.6" (980mm)

Produces slender decorative baskets to fit 12 and 16mm bars.



16mm (4 x 8 x 8mm)
 Basket length 165mm

12mm (4 x 6 x 6mm)
 Basket length 125mm



Slender decorative baskets can be made from clusters of welded bars with our Basket Making components.

XL Twisters



Code 43MC009

XL Twister

W 140 x L 1240 x H 160 x 690mm Handle Length (extendable up to 900mm)

Max. Working Capacity

40 x 8mm (flat strip)
16mm (square bar)

Twist Length*

Min 2.6" (60mm)
Max 42.1" (1070mm)

Introducing the XL Twister for heavy duty twisting work

Available with our incredible optional Basket Maker for producing top quality baskets.



Same gripping principle as the smaller twisters.



For bigger steel bars extendable handles deliver the twisting power.



Code 43MC009X

XL Twister c/w Basket Maker

W 140 x L 1240 x H 160 x 690mm Handle Length (extendable up to 900mm)

Max. Working Capacity

40 x 8mm (flat strip)
16mm (square bar)

Twist Length*

Min 2.6" (60mm) Max 42.1" (1070mm)

Produces high quality, bulbous decorative baskets to fit 12 and 16mm bars.



16mm (4 x 8 x 8mm)
Basket length 175mm
12mm (4 x 6 x 6mm)
Basket length 135mm



Our optional Basket Maker attachment produces bulbous decorative baskets.

* Longer twists can be achieved with care by moving twisted section through the machine and then twisting the next section.

All tools on this page are supplied complete with operating instructions and spare parts diagrams.

Please note: The maximum working capacity stated is for Hot Rolled Mild Steel Bar and Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines.

XL5+ Power Bender

The ultimate dream machine for fabricators and ornamental metal workers.

In the XL Range we do not have a separate Punch/Shear and Riveting, Bending and Rolling tool. Instead we have combined these 5 functions into this one amazing tool.

See page 15 opposite to see everything this basic multi-function tool can do.

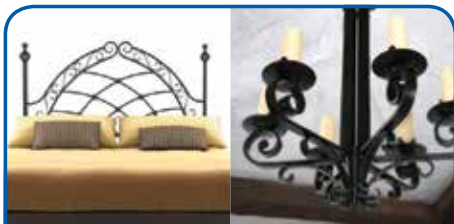
And if that isn't impressive enough turn to page 16 to see what other amazing things this tool can do with the 5 add on Option Kits available.

The essential tool for:



Gates/Fencing

Security



Furniture

Lighting



180° to 60°
max bend
angle



27kg

Code 43MC732

XL5+ Power Bender

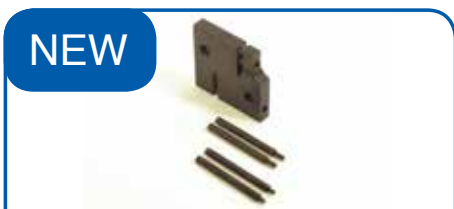
W 110 x D 430 x H 360 x 720mm Handle Length (in Upright Position)

Max Working Capacity

See page opposite for full specification of all 5+ functions.

This tool is supplied complete with operating instructions and spare parts diagrams.

Complete with:



NEW

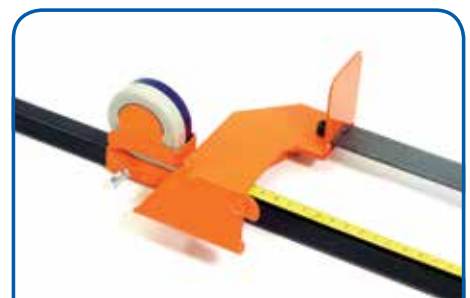
Extra Punch Block and Pins

XL5+ is supplied with dual 5 and 6mm punch block with two of each 5 and 6mm pins but now we also supply a dual 3 and 4mm punch block with two of each 3 and 4mm pins.



Lockable Flip-Flop Base

To allow for use in horizontal or upright positions.


























Measuring Bar

For accurate and repeatable punching and shearing.

5+ Functions in this amazing bench-mounted metalworker

All functions shown below are performed cold **without** the need for heat, power or welding.

<h3>1 PUNCHING</h3> <p>Packs a mean punch with a reversible punch block capable of 5mm and 6mm dia holes in 5mm/6mm flat bar respectively.</p>		<p>PROFILE SPECIFICATION</p> <ul style="list-style-type: none">  Max 5 Dia in 5 Thick material or 6 Dia in 6 Thick material or 4 Dia in 4 Thick material or 3 Dia in 3 Thick material
<h3>2 SHEARING</h3> <p>Cuts like a hot knife through butter for all of these sizes. Note the separate blade aperture for cutting round and square bar.</p>		<p>PROFILE SPECIFICATION</p> <ul style="list-style-type: none">  Max 25 x 8 to 40 x 8  Max 10 Square  Max 12 Dia
<h3>3 RIVETING</h3> <p>Produces strong authentic looking ornamental joints using cold rivets. A useful alternative to welding when availability of welding equipment or power is an issue.</p>		<p>PROFILE SPECIFICATION</p> <ul style="list-style-type: none">  Max Will work with 5, 6 and 3mm rivets (flat or round head)
<h3>4 ROLLING</h3> <p>Rolls arches, curves and rings in flat and square bars by driving steel backwards and forwards through rollers using the winding handle.</p>		<p>PROFILE SPECIFICATION</p> <ul style="list-style-type: none">  Max 50 x 6 to 40 x 8  Max 16 Square <p>N.B Please be aware that knurled 'drive' roller on winding handle can leave a knurl pattern impression in the steel bar being rolled.</p>
<h3>5 BENDING (Single Pass)</h3> <p>Real power bending completed in a single pull of a lever. Bends up to 60° angles in material sizes up to 12mm thick. Bends up to 90° angles in material beyond 12mm and up to 16mm thick.</p>		<p>PROFILE SPECIFICATION</p> <ul style="list-style-type: none">  Max 25 x 10 to 40 x 8  Max 16 Square  Max 16 Dia
<h3>5+ BENDING (Progressive)</h3> <p>An extra feature for gradual bending of even bigger sections into curves. Carried out by applying large bending power at increments along the length of a bar. Handles a wide variety of sections including angle, T-section, square tube, square bar and channel, and even handrail profile.</p>		<p>PROFILE SPECIFICATION</p> <ul style="list-style-type: none">  Max 50 x 10 to 40 x 8  Max 20 Square  16 Square  Max 20 Dia  Max 30 x 30 x 1.5 to 25 x 25 x 2  Max 30 x 30 x 3 to 25 x 25 x 6  Max 30 x 30 x 3 to 25 x 25 x 5 <p>Flat bar on edge</p> <ul style="list-style-type: none">  Max 40 x 5 to 25 x 10

Specification tables above refer to Hot Rolled Mild Steel or Annealed Bright Mild Steel and show the material profiles applicable.

Power Bender Option Packs

Now if you thought that was impressive

Take a look at these five add-on Option Kits. You can buy them individually or in any combination to make the XL5+ Power Bender even more versatile, and a must for your workshop.



180° to 60°
max bend angle



Code 43MC732X

Complete XL5+ Power Bender Set with all Option Packs (1, 2, 3, 4 and 5)

W 110 x D 430 x H 360 x 720mm Handle Length (in Upright Position)

OPTION 1 PEDESTAL



A strong and stable platform that bolts to a solid floor for optimum use of the tool compared to bench mounting. Allows all round accessibility. Supplied with two hooks on bins to keep essential components close at hand.

OPTION 3 EDGE BENDING



This simple but effective special bending pillar allows gradual and sharp angles in flat bar to be bent on edge. This is such a useful feature when making frames and components out of flat bar.

Flat bar on edge
 25 x 3 up to 25 x 5

OPTION 2a EMBOSsing

Embossing provides a patterned decorative edge to your steel bars and tube. This is carried out cold using a pair of forge blocks (provided) which give you the option of producing "scalloped" or "nicks" embossed patterns



- Max 25 x 25 x 1.5**
(scallop only)
- Max 25 x 25 x 1.5**
(nicks only)
- Max 25 x 25** (nicks only)
- Flat bar on edge**
- Max 70 x 5** (nicks)
or **70 x 3** (scallops)

OPTION 4 TUBE/ROD ROLLING

This add-on kit provides five sets of rollers and a special winding handle to allow you to roll arcs, curves and rollers in round tube and rod. The five sets enable you to work with tube and rod covering the following sizes: 13, 16, 20, 22 and an impressive 25mm.



- Min 10 – Max 20**
(1.6 wall thickness)
- Min 12 – Max 25**

OPTION 2b END FORGING

Using the forge blocks provided in this kit you can produce decorative crimped fish tailed ends to your flat, square and round bars. However, this function requires the ends of the bars to be pre-heated and tapered. A large and small crimp pattern is provided for larger and smaller bars.



- Max 12**
(small pattern) or
- Max 16**
(large pattern)
- Max 16**
(large pattern)
- Flat Bar**
- Max 25** (small pattern) or
Max 40 (large pattern)

OPTION 5 MICRO BENDING KIT

A clever little extra kit that allows you to form tight bends. It is really handy for producing decorative collars around joints and scrollwork using special profile material.



- Flat Bar**
- Max 16 x 3**
- Joint Strap Material**
- Max 18 x 5**
- Max 18 x 5**



Workshop Packages

Save £'s and buy all the tools you need to get started in one easy step.

By choosing one of the workshop packages, you will not only have a complete set of tools to get your projects underway but you also have a "Business in a Box".

Each package is supplied with all the necessary operating instructions and spare parts drawings for each tool, plus all appropriate allen keys needed to adjust and maintain the tools.

Note: for a full specification of the capability of these workshop packages, refer to the individual tools specifications on pages 10 -11.



Code 43MC002 Practical Lite Workshop

Contains: Practical RBR Tool, Practical Punch/Shear Tool (with Spare Punch Pin), Mk 1/2 Scroll Former, and User Guide.
Note – does not include Practical Tape Measuring Device.

This new set of tools is the ideal baseline set for a beginner. Whilst, the Punch/Shear and Riveting/Bending/Rolling tool are able to work with 20 x 3mm material, the inclusion of the Mk 1/2 Scroll Former means that it is aimed at lighter weight craft and DIY projects using 10 x 1.6mm or 12 x 2mm material. It is worth bearing in mind that this set's capabilities can always be increased at a later date by the separate purchase of larger scroll formers and twisting tools.



NOW COMES WITH THE PRACTICAL TAPE MEASURING DEVICE

Code 43MC003 Practical Workshop

Contains: Practical RBR Tool, Practical Punch/Shear Tool (with Spare Punch Pin) and Tape Measuring Device, Mk 1/2 Scroll Former, Mk 2/2 (H) Scroll Former, User Guide, Design & Ideas Booklet, Scroll Profile Drawings and Magnetic Markers.

For those looking for something with a bit more capability, the Practical Workshop is a good entry point. Particularly suited to the DIY/Craft user on a budget this set works with material sizes from 10 x 1.6mm up to 20 x 3mm. Again this set's capabilities can be extended at a later date by the separate purchase of the Practical Twisting tool.



NOW COMES WITH THE PRACTICAL TAPE MEASURING DEVICE

Code 43MC005 Practical Pro Workshop

Contains: Practical RBR Tool, Practical Punch/Shear Tool, (with Spare Punch Pin) and Tape Measuring Device, Mk 1/2 Scroll Former, Mk 2/3 Scroll Former with Tube Bending components, Practical Twisting Tool c/w Adapter, User Guide, Design & Ideas booklet, Scroll Profile Drawings and Magnetic Markers.

This is the top of the Practical range of workshops and includes the Practical Twisting tool and the MK 2/3 Scroll Former with their respective optional extras to provide a totally comprehensive workshop package. All in all it represents terrific value for money and it is why it is the most popular set for serious DIY and Craft, Commercial and Educational users. This set works with material sizes from 10 x 1.6mm up to 20 x 3mm.



NOW COMES WITH THE MASTER RBR MICRO BENDER

Code 43MC004X
Master Workshop

Contains: Master RBR Tool with Micro Bender, Master Punch/ Shear Tool with Measuring Bar Assembly and with interchangeable 3mm, 5mm and 6mm Punch Pins & Blocks, Mk 2/3 and Mk 3/3 Scroll Formers complete with Tube Forming components, User Guide, Design & Ideas Booklet, Scroll Profile Drawings and Magnetic Markers.

For those who want to work with sizes of steel above the Practical range (20 x 3mm), the more Heavy duty Master Workshop works with steel sizes up to 25 x 5mm. This makes it the perfect set for serious DIY, industrial/ production applications and more advanced educational/training establishments.



NOW COMES WITH THE DUAL 3/4mm PUNCH BLOCK & 3mm PIN (x2) AND 4mm PIN (x2)

Code 43MC007
XL Workshop

Contains: XL5+ Power Bender complete with all of it's 5 Options Packs, XL Twisting Tool complete with Basket Maker and Mk 3/4 Scroll Former complete with Tube Bending components. Fitted with 5/6mm Dual Punch Block plus 5mm punch pins (x2), 6mm pins (x2) plus additional with 3/4mm Dual Punch Block plus 3mm punch pins (x2), 4mm pins (x2).

This workshop package is our flagship and is aimed at commercial and industrial users looking for powerful and versatile metalworking tools. It packs an amazing amount of metalworking capability at an unbelievably low price, making it a must for fabricators, ornamental metalworkers and craftsmen alike.



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