

# METALCRAFT MASTER RBR (RIVETING, BENDING, ROLLING) TOOL WITH MICRO BENDING KIT

## SPECIFICATIONS:

### Maximum Working Capacity:

#### Rolling:

1" wide x 1/4" thickness OR 1 3/16" wide x 3/16" thickness (flat metal strip)  
3/8" (solid round rod)  
3/8" (solid square bar)

#### Bending:

1" wide x 3/16" thickness (flat metal strip)  
3/8" (solid round rod)  
3/8" (solid square bar)  
Angle of bend achievable 180 degrees to 60 degrees

#### Riveting:

3/16" diameter rivet

#### Other Features:

End Stop Screw & Nut fitted for producing consistent bends and circles/arcs when rolling.

#### Machine Dimensions:

6 1/2"w x 11 3/8"d x 4 1/2"h x 17 1/4" (handle length). Boxed Weight: 34 lbs.

#### Maximum Working Capacity for Micro Bending Kit (included in this set):

Micro Bending using "U" Formed Die: 3/4" wide x 1/8" thickness (flat metal strip)

9/16" wide x 1/8" thickness - reverse bend only - (flat metal strip)

1/4" Solid Round Rod/Square Bar using the larger of the 2 "U" dies provided in kit.

3/16" Solid Round Rod/Square Bar using the smaller of the 2 "U" dies provided in kit.

Micro Bending using "V" Formed Die:

3/4" wide x 1/8" thickness (flat metal strip)

9/16" wide x 1/8" thickness - reverse bend only\*\* - (flat metal strip)

1/4" Solid Round Rod/Square Bar using the larger of the 2 "V" dies provided in kit.

3/16" Solid Round Rod/Square Bar using the smaller of the 2 "V" dies provided in kit.

# METALCRAFT MASTER PUNCH/SHEAR TOOL COMPLETE WITH TAPE MEASURING DEVICE

## SPECIFICATIONS:

### Maximum Working Capacity:

#### Shearing:

1" wide x 3/16" thickness (flat metal strip)

1/4" (solid square bar)

1/4" (solid round rod)

#### Punching:

1/8" diameter hole in up to 1/8" thick material.

3/16" diameter hole in up to 3/16" thick material.

1/4" diameter hole in up to 1/8" thick material.

3/16" punch block & pin fitted as standard on Master Punch/Shear Tool.

#### Other Features:

Adjustable punch platform to allow for accurate positioning along the center of different widths of metal.

2 available cutting edges on lower shear blade.

Double Acting push/pull lever. Please note the Master PS handle can be reversed to cut and punch in opposite directions.

Measuring bar attachment included. This feature enables you to set repeatable cutting lengths or hole punch positions (from end of bars or from other holes).

#### Machine dimensions

2 3/8" wide x 11 1/4" deep x 6 1/8" high x 17 3/4" (handle length).

Boxed weight: 18 lbs.

Box dimensions 24" long x 7" wide x 6" high

# METALCRAFT MASTER TWISTER COMPLETE WITH BASKET MAKING COMPONENTS

## SPECIFICATIONS:

### Maximum Working Capacity:

#### Twisting:

1" wide x 3/8" thickness (flat metal steel strip)

5/8" (solid square bar)

### Length of Twist Possible:

Min. 1 3/4"

Max. 38 1/2" - longer twists can be achieved by moving twisted section through the machine and then twisting the next section - horizontal vs. vertical design allows for this capability.

### Basket Making Components Maximum Working Capacity:

4 pieces of 1/4" or 5/16" HOT ROLLED solid square bar or solid round rod are required to make a basket. Both ends of the 4 pieces are welded together. Place welded 4 pieces into basket attachment and turn the handles 1 to 2 revolutions (how many revolutions depends on the length of the 4 pieces of square bar or round rod being used). Then to flare out the metal, turn the handles in the opposite direction that you originally turned. The metal has nowhere to go but to flare out. Your basket is formed.

### Basket Maker Info:

Produces slender decorative baskets to fit 1/2" and 5/8" bars.

5/8" (4 pcs x 5/16" x 5/16") - Basket length 6 1/2"

1/2" (4 pcs x 1/4" x 1/4") - Basket length 5"



1/2" square tubing can also be twisted in the basket attachment but only put in a "general" twist. EASY TO USE - NO PRE-HEATING OF METAL REQUIRED TO TWIST.

### Machine Dimensions:

5 1/2" wide x 42 7/8" Long x 5 1/2" high x 23 1/2" (handle length).

Boxed weight: 42 lbs.

Box dimensions 32" long x 8" wide x 8" high

# METALCRAFT SCROLL BENDER MK3/3 FORMER COMPLETE WITH TUBE BENDING COMPONENTS

## SPECIFICATIONS:

### Maximum Working Capacity:

#### Scrolling:

1" x 3/16" (flat metal steel strip)

3/8" (solid round rod)

3/8" (solid square bar)

### Max. Scroll Size:

8 1/4" (using flat metal steel strip) - the maximum scroll size quoted is approximate due to the varying temper (spring) of steel.

### Tool Dimensions:

14 1/4" wide x 12 1/2" deep x 6 1/4" high x 18 1/8" (handle radius).

Boxed weight: 34 lbs.

Box dimensions 16" long x 16" wide x 8" high.

### Maximum Tube Dimensions:

#### Max. Tube Dimensions:

3/4" O/D. Round Tubing

1/16" Recommended wall thickness. (the above tubing information is for guidance only and based upon the use of ERW Mild Steel Tube to the dimensions shown).

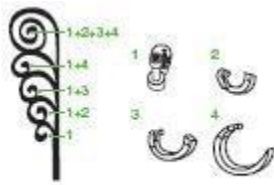
Dia. of small tube bender segment (inner diameter of formed tube) 3".

Dia. of large tube bender segment (inner diameter of formed tube) 5 1/16".

In this workshop the Tube Bending Components are included.

### Other Features:

Interchangeable segments allow one to produce a wide range of scroll sizes and shapes. Can also work material with fish tail ends.



# METALCRAFT SCROLL BENDER MK2/3 FORMER COMPLETE WITH TUBE

## SPECIFICATIONS:

**Maximum Working Capacity:**

**Scrolling:**

3/4" x 1/8" (flat metal steel strip)

1/8" (solid round rod)

**Max. Scroll Size:**

4 3/8" (using flat metal steel strip) - the maximum scroll size quoted is approximate due to the varying temper (spring) of steel.

**Tool Dimensions:**

6"w x 9"d x 4 3/4"h x 8 1/4" (handle radius).

Boxed Weight: 8 lbs.

**Maximum Tube Dimensions:**

**Max. Tube Dimensions:**

3/8" O.D.

1/32" Recommended wall thickness. (the above tubing information is for guidance only and based upon the use of ERW Mild Steel Tube to the dimensions shown).

Dia. of tube bender segment (inner diameter of formed tube) 1 15/16".

In this workshop the Tube Bending Components are included.