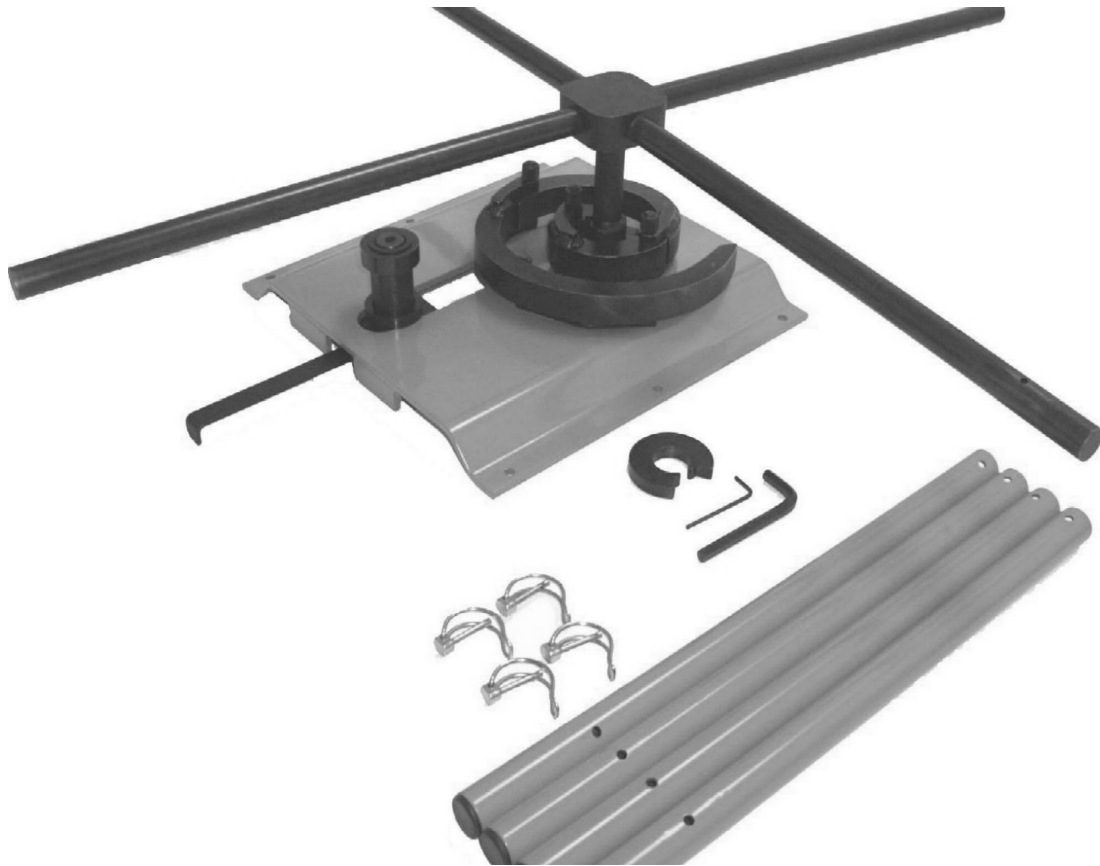


# **MK3/4 SCROLL BENDER**



## **Instruction Manual**

**JANSEN**  
ORNAMENTAL SUPPLY CO.

**1-800-423-4494**

# MK3/4 SCROLL BENDER

Please keep these instructions in a safe place for any future reference to the diagrams.

**1** Bolt the base to a strong table. You will need 39" of space (72" with handle extensions used) all around the scroll bender.

**2** Adjust the pressure roller rings to suit the type of metal to be used. The upper ring must be fixed in position using the small screw and allen key. You must place the spacer ring (S) over the pivot pin when using square bar, round rod, or flat strip metal less than 3/4" wide. **IMPORTANT** – ensure that the lower link of the segment fits into the gap of the spacer.

**3** Select the shape of the scroll required. It is important when working sq. bar or round rod 1/2" and thicker, the #2 segment must be fitted to the #1 segment.

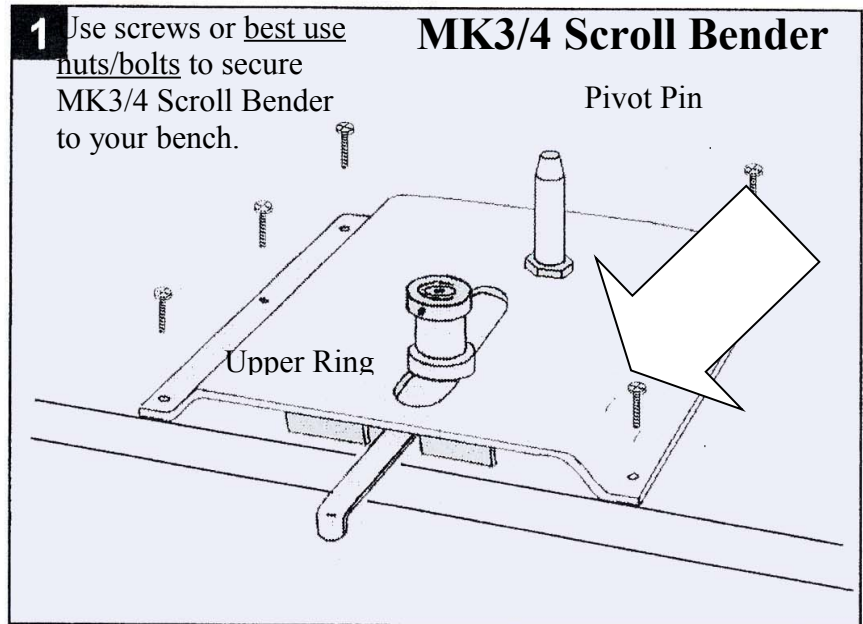
**4** a) Open out the selection of segments as shown.  
b) Push the handle of the slide so that the pressure roller is positioned closest to segments.  
c) Push the metal into the center section to the correct location. The metal will automatically lock into position when the main handles are rotated.

**6** For additional leverage, use extension handles and secure with locking pins.

**7** **WARNING** – As you rotate the main handles in a clockwise direction, **DO NOT** allow the end of the segment to hook around the pressure roller as it will cause damage to your machine.

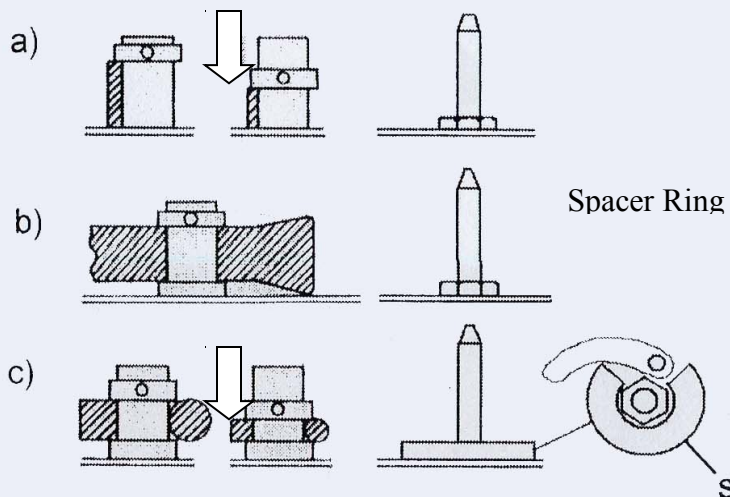
**8**

**IMPORTANT – Ensure all moving parts are regularly lubricated.**



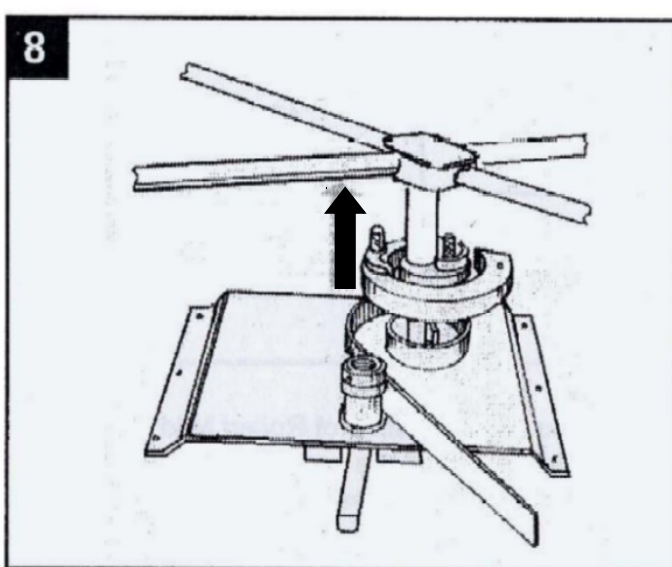
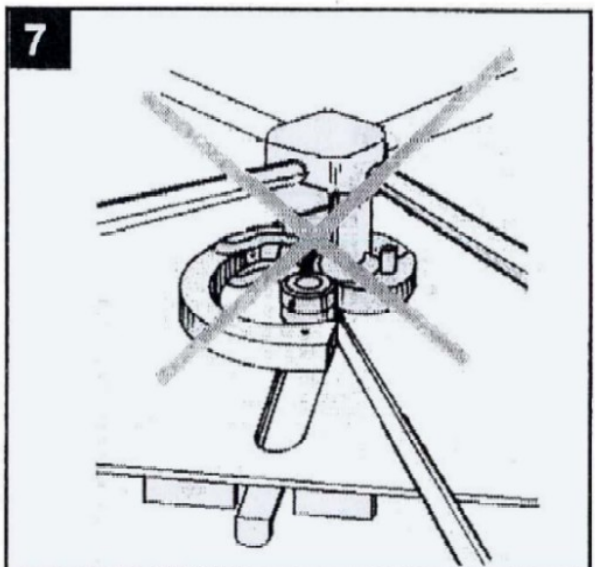
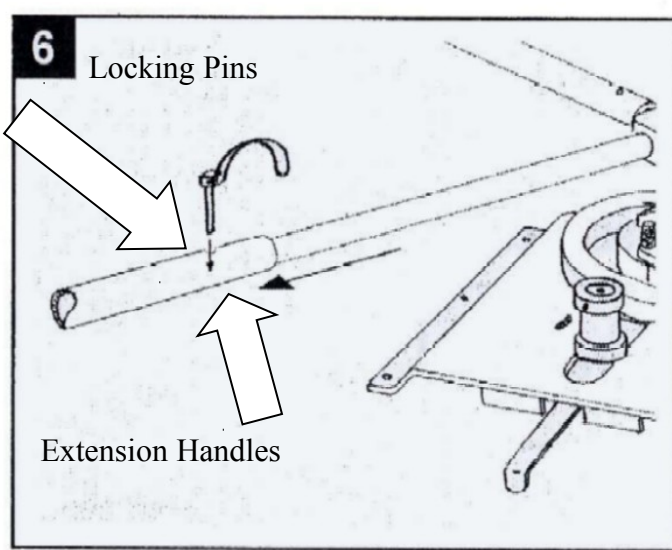
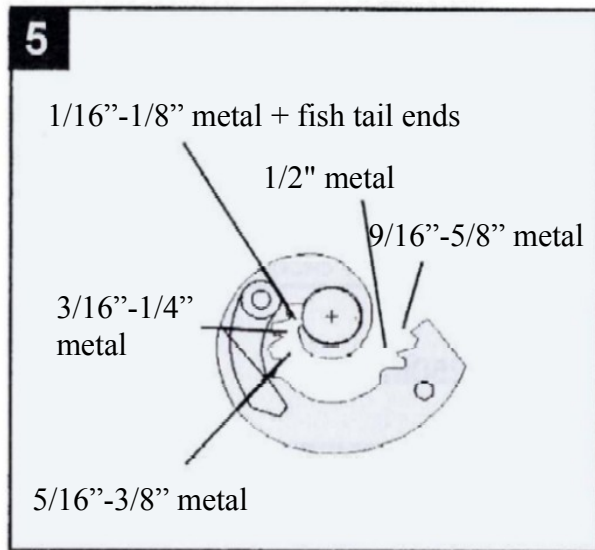
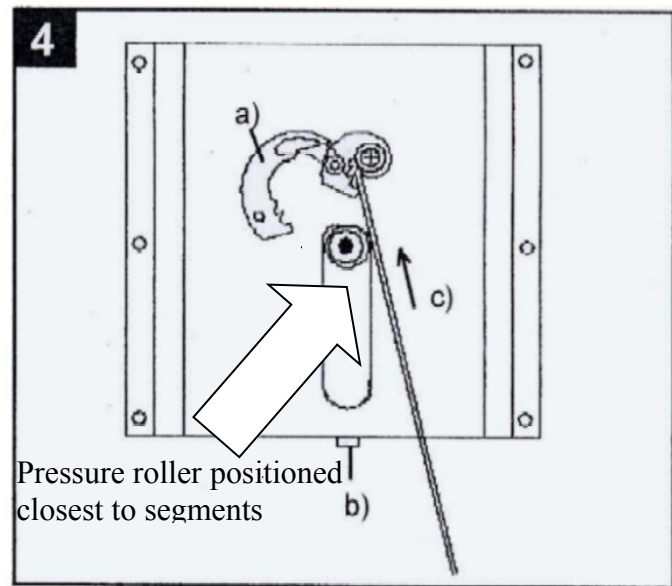
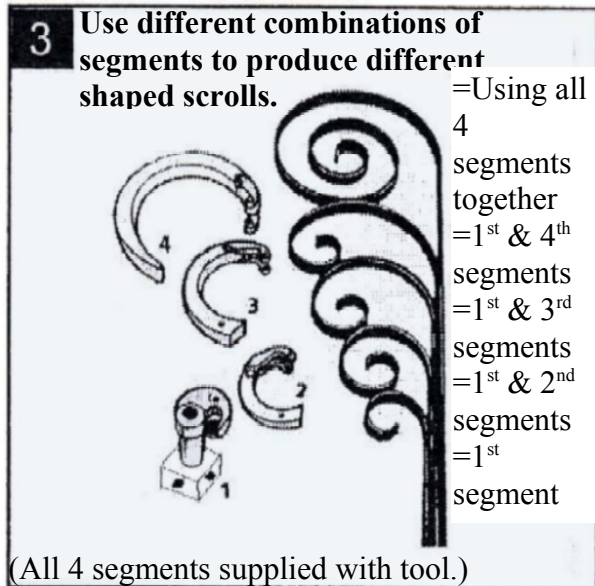
**2**

- a) Flat strip 3/4" wide or larger.
- b) Flat strip with "fish tail" ends.
- c) Any square bar or round rod. Flat strip less than 3/4" wide.



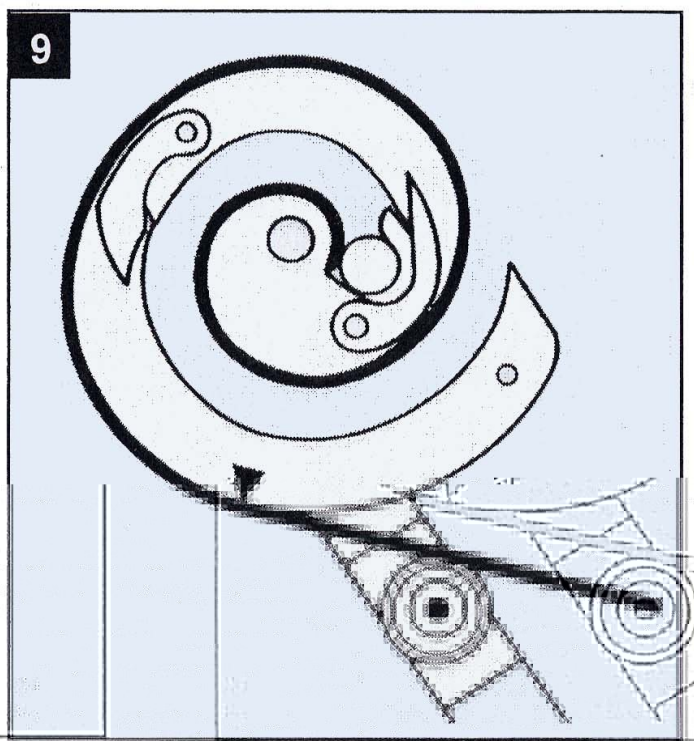
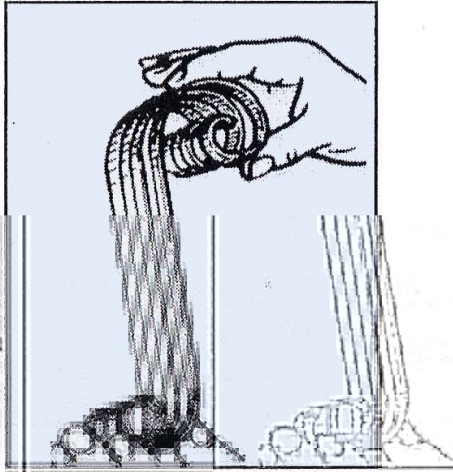
When the scroll shape is formed, simply lift up the complete segment assembly and remove your scroll.

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# MK3/4 SCROLL BENDER

**9** To reproduce a scroll, simply mark the top surface of the scroll bender segment at the place where the metal leaves the edge of the segment or use triangular magnetic markers.



## SPECIFICATION TABLE

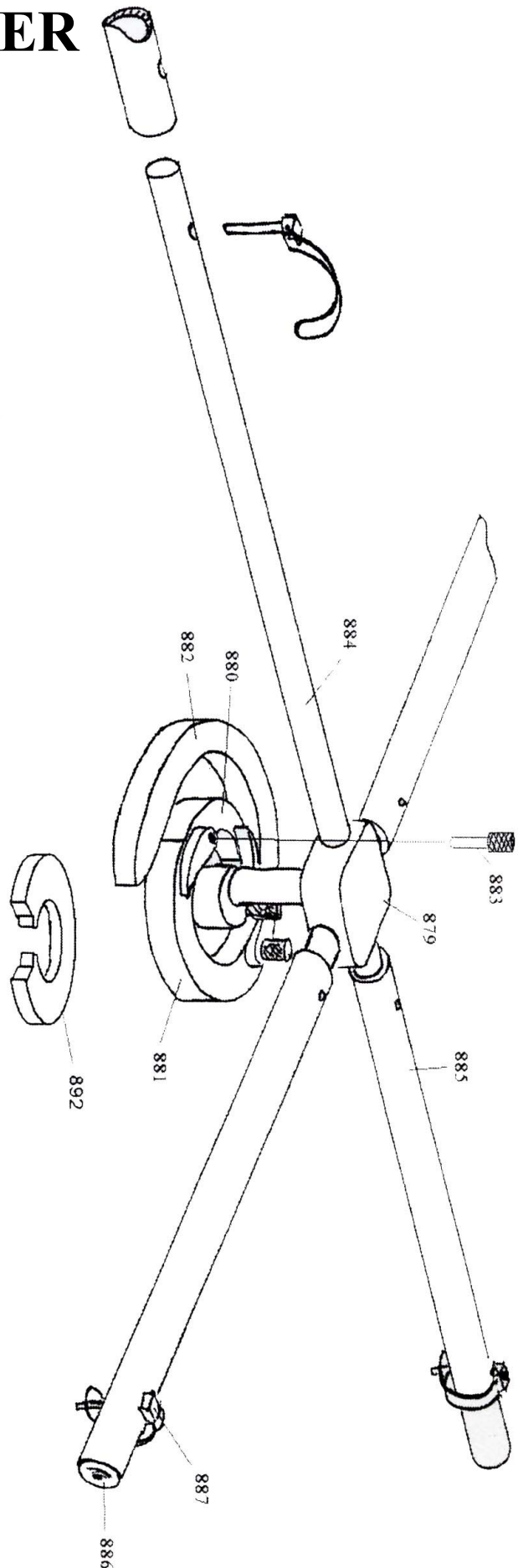
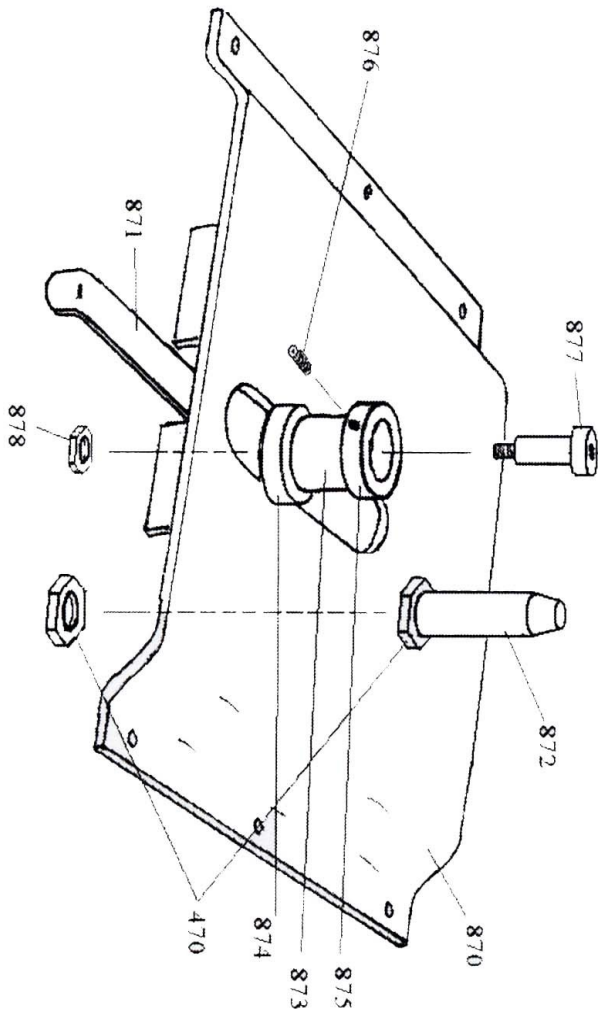
| MAX. SECTION<br>(S)                                                                                                           | MAX. SECTION | MINIMUM SCROLL SIZE<br>(No. 1 SEGMENT) | MAXIMUM SCROLL SIZE<br>(No. 1, 2, 3 + 4 SEGMENTS) |
|-------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------|---------------------------------------------------|
|  2"w x 1/4" thickness (flat strip)         |              | 2 3/8"                                 | 10"                                               |
|  1"w x 3/8" thickness (flat strip)         |              | 3 1/8"                                 | 10"                                               |
|  1/2" Square Bar or Round Rod              |              | 4 3/4"                                 | 10"                                               |
|  5/8" Sq. Bar or Round Rod (w/ end heated) |              | 4 3/4" Version 1<br>Not to scale.      | 10"                                               |

- Note
- 1) These sizes are for Hot Rolled Mild Steel & Annealed Bright Mild Steel.
  - 2) Working beyond the capacities stated above or with materials of greater strength or hardness will reduce the operational life of the machine.
  - 3) The maximum scroll size may vary due to the temper (spring) of the steel.

# MK 3/4 SCROLL BENDER

## PARTS LIST

(save for reference)



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