

# **VEVOR<sup>®</sup>**

**TOUGH TOOLS, HALF PRICE**

## **90° MULTI BENDER KIT USER MANUAL**

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

Model: CT-999RF



### NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

✉ [CustomerService@vevor.com](mailto:CustomerService@vevor.com)

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

## Product Overview

The VEVOR 90° TUBE BENDER is used to Bend 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8" tubing. For bending soft copper, aluminum, brass, thin wall steel, thin wall stainless steel and other tubing. Makes smooth, tight-radius 90° bends.

## Technical Specifications

Pipe outer dia: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"

Wall thickness of pipe:  $\leq 1.2\text{mm}$

Bender angle: 90°

Gross Weight:  $5.18\text{kg} \pm 3\%$

Carton Size:  $460 \times 340 \times 85 \text{ mm} \pm 6\text{mm}$

## SAFETY



Note / Remark.



Caution / Warning.



Read the instruction manual.



Warning- Be sure to wear eye protectors when using this product.



Warning- Be sure to wear gloves when using this product.



**WARNING!** Read and understand all instructions before using this tool. The operator must follow basic precautions to reduce the risk of personal injury and/or damage to the equipment.

Keep this manual for safety warnings, precautions, operating or inspection and maintenance instructions.

## WORK AREA

1. Operate in a safe work environment. Keep your work area clean, well-lit

and free of distractions.

2. Keep anyone not wearing the appropriate safety equipment away from the work area.
3. Store unused tools properly in a safe and dry location to prevent rust or damage. Lock tools away and keep out of the reach of children.

## **PERSONAL SAFETY**

**WARNING!** Always Wear personal protective equipment. Broken materials may fly.

## **PERSONAL PROTECTIVE EQUIPMENT**

1. Always wear impact safety goggles that provide front and side protection for the eyes. Eye protection equipment should comply with CSA Z94.3-07 or ANSI Z87.1 standards based on the type of work performed.
2. Wear gloves that provide protection based on the work materials or to reduce the effects of tool vibration.
3. Wear protective clothing designed for the work environment and tool.
4. Non-skid footwear is recommended to maintain footing and balance in the work environment.

## **PERSONAL PRECAUTIONS**

Control the tool, personal movement and the work environment to avoid personal injury or damage to tool.

1. Do not operate any tool when tired or under the influence of drugs, alcohol or medications.
2. Avoid wearing clothes or jewelry that can become entangled with the moving parts of a tool. Keep long hair covered or bound.

## **SPECIFIC SAFETY PRECAUTIONS**

1. Use the correct tool for the job. This tool was designed for a specific

function. Do not modify or alter this tool or use it for an unintended purpose.

2. Keep bender bearings and form handle grooves lubricated. Keep oil away from wheel grooves. Keep body parts away from pinch/bend areas while using. Ensure tubing is secure in tool before bending.

3. Children are not allowed to operate this product unless accompanied by an adult.

4. Pay attention to safety during use to avoid crushing fingers.



**WARNING! DO NOT** let comfort or familiarity with product (gained from repeated use) replace strict adherence to the tool safety rules. If you use this tool unsafely or incorrectly, you can suffer serious personal injury.

**NOTE:** Keep bender bearings and form handle grooves lubricated. Keep oil away from wheel grooves.

Keep body parts away from pinch/bend areas while using. Ensure tubing is secure in tool before bending. Always wear approved eye protection. Broken materials may fly.

## **Operation INSTRUCTIONS:**

Thanks for purchasing our products. For safe and correct using, please read this user instruction carefully before using the product.

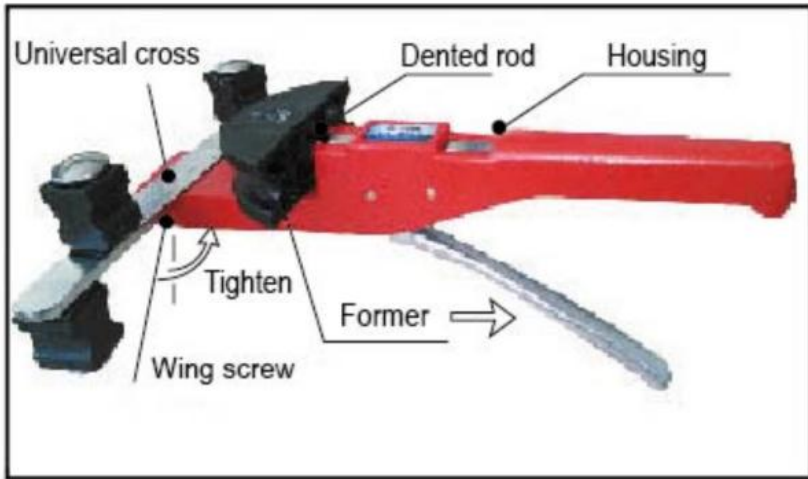
# **CT-999/ CT-999R**

## **Tube Bending Instruction**

### **(1) Prepare before bending - universal crossbar and former install**

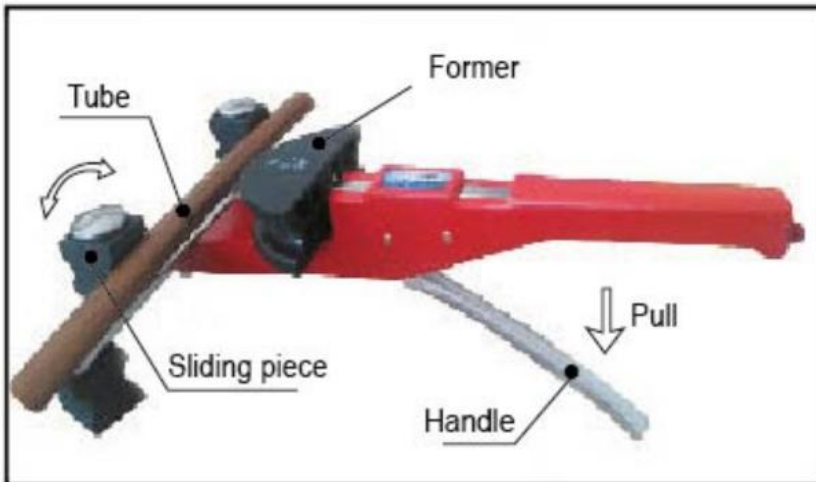
Insert correct size former in dented rod, then place correct size universal crossbar on housing and tightened it by a wing screw.

**Notice:** there are 2 pairs of sliding pieces with sized slots on universal crossbar. We must choose the same size sliding pieces with sized slots and face them to the former slot. (sizes are engraved on formers and sliding pieces)



**(2) Prepare before bending-placing a tube**

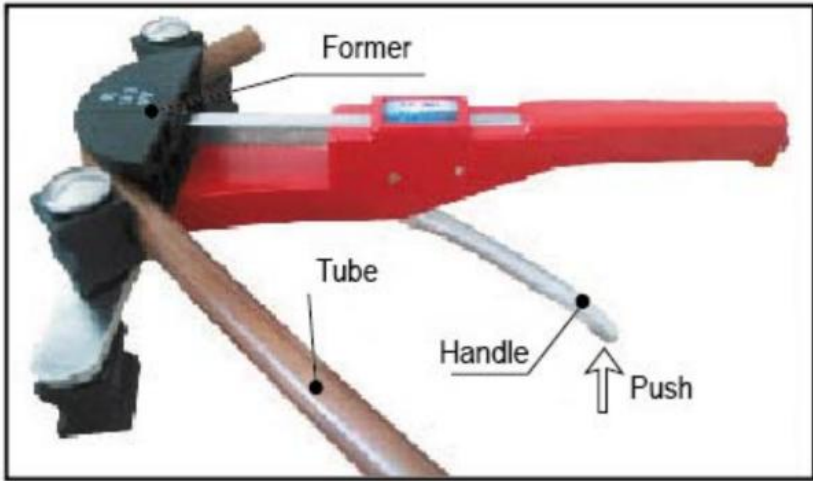
Upright the bender housing and pull out the feed lever. former with dented rod will retract back under the effect of gravity, turn the sliding pieces with correct size slots and face them to the former slot. Then place the tube between former and sliding pieces.(figure)



**(3) Bending-push the feed lever repeatedly**

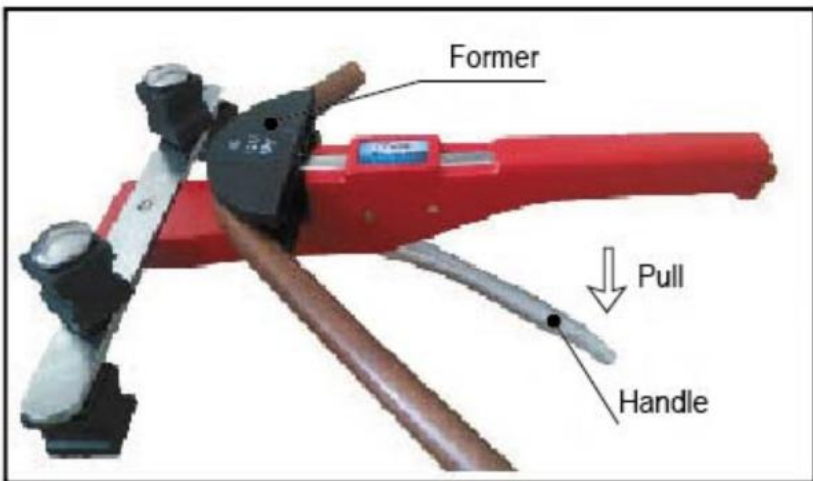
Push the feed lever repeatedly until the tube is bent to a certain angle you need.

**Notice:** maximum angle is 90°.



#### **(4) Bending finished-take the bended tube out**

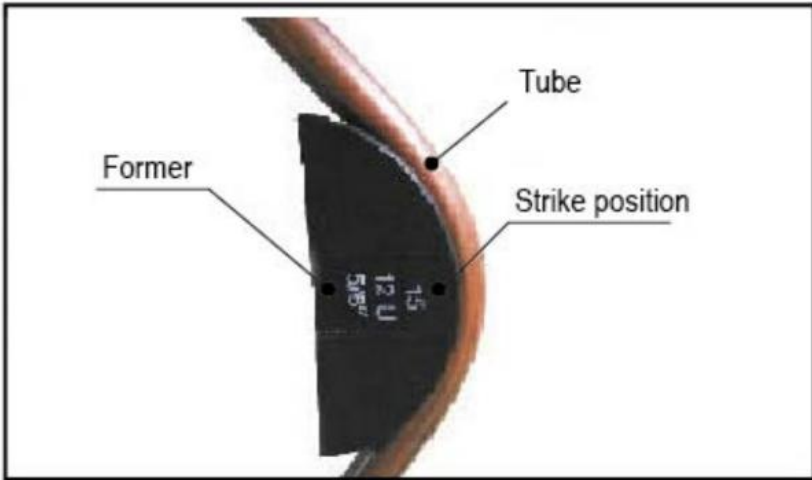
Upright the bender and pull out the feed lever. former with dented rod with retract back under the effect of gravity. take the bended tube out, if the bended tube get stuck in the former slot, remove them from housing together.



#### **(5) Bending finished-take out the stuck Tube**

Hold the tube with one hand and use some tools such as hammer to strike the former in the position in figure.

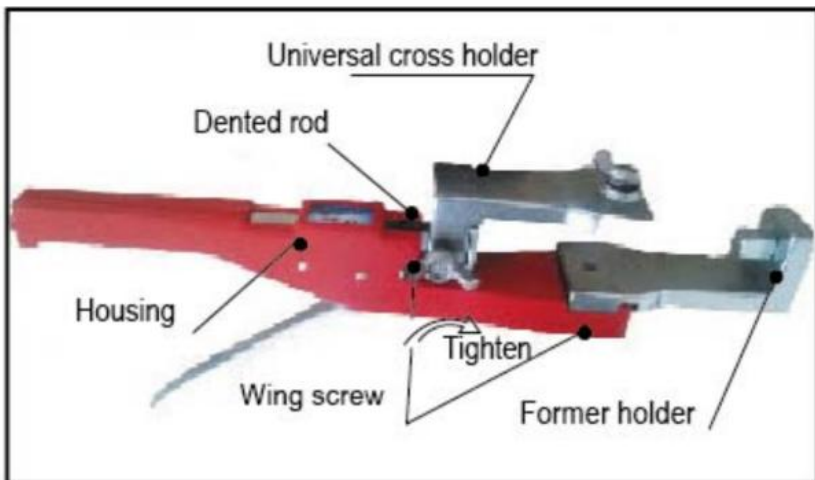
**Notice:** don't strike the tube.



## CT-999F/ CT-999N / CT-999RF

**(1) Prepare before bending-fix former holder and Universal crossbar on Housing**

Insert universal crossbar in dented rod and tighten it by a wing screw, Fix former holder in housing slot and tighten it by a wing screw.(figure)

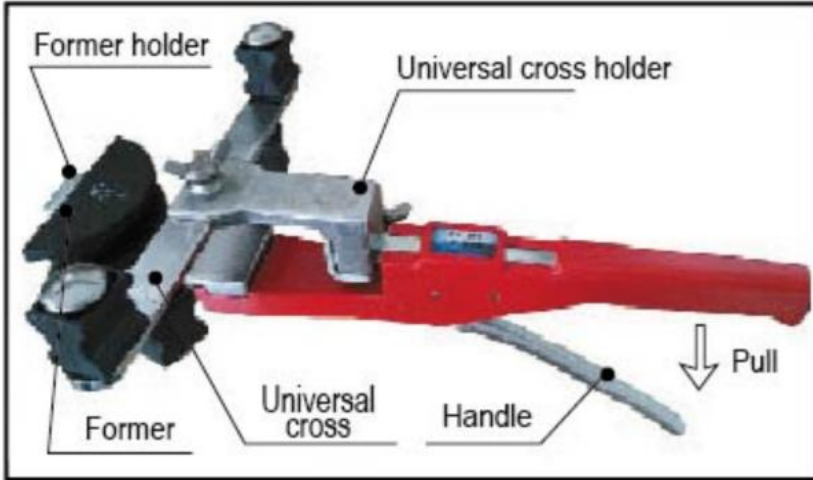




## (2) Prepare before bending - universal crossbar and former install

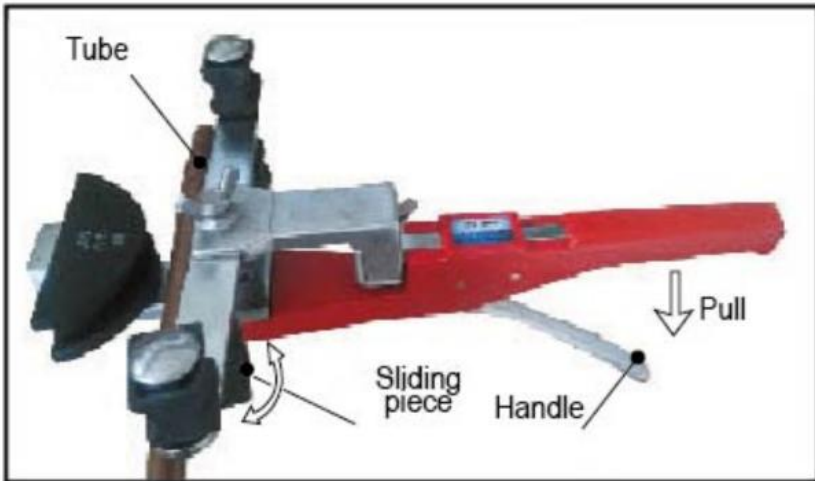
Insert correct size former in former holder, the place correct size universal crossbar on universal crossbar holder and tightened by a wing screw.

**Notice:** there are 2 pairs of sliding pieces with sized slots on universal crossbar. We must choose the same size sliding pieces with sized slots and face the former slot. (sizes are engraved on for mers and sliding pieces)



## (3) Prepare before bending-placing a tube

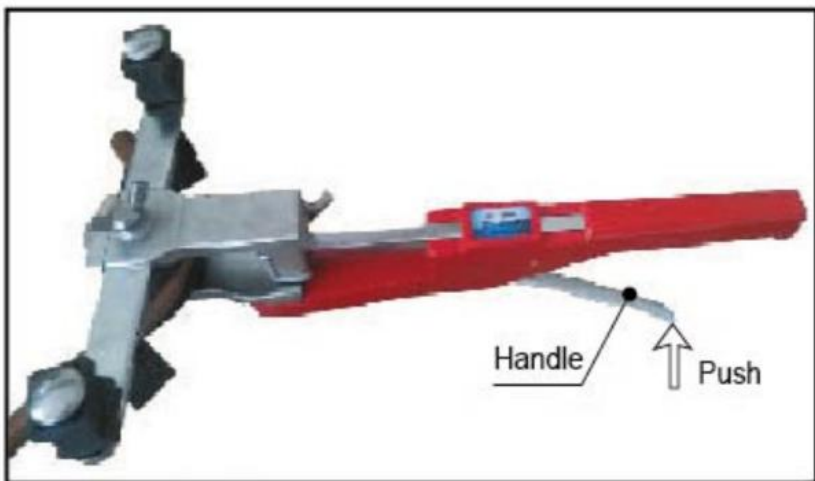
Upright the bender and pull out the feed lever. Universal crossbar holder with dented rod with retract back under the effect of gravity. turn the sliding pieces with correct size slots and face the former slot. Then place the tube between former and sliding pieces.(figure)



**(4) Bending-push the feed lever repeatedly**

Push the feed lever repeatedly until the tube is bended to a certain angle you need.

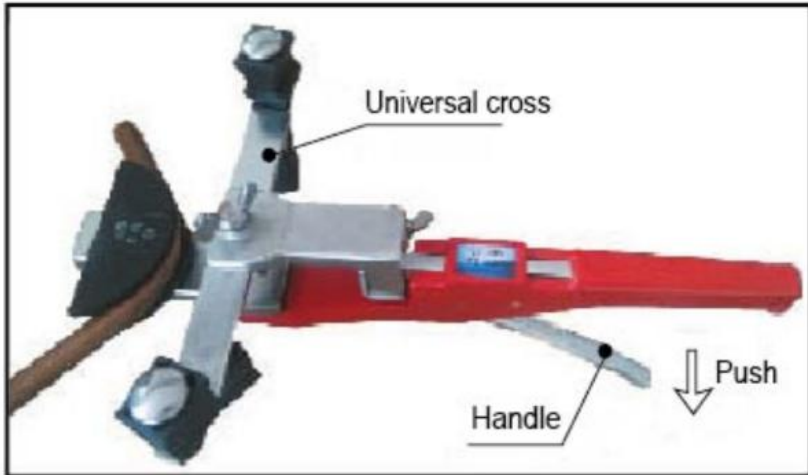
**Notice:** maximum angle is 90°.



**(5) Bending finished-take the bended tube out**

Upright the bender and pull out the feed lever. Universal crossbar holder with dented rod retract back will under the effect of gravity. take the

bended tube out. If the bended tube get stuck in the former slot, remove them from housing together. (refer to 5 step of tube bending instruction)



## **Maintenance/ Service**

Have your tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the tool is maintained.

## **Disposal**

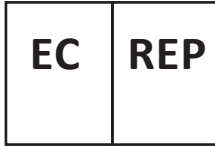
This products should be disposed of in accordance with local regulations. If you are unsure how to proceed, contact your local authority.

## **Warranty**

Your VEVOR 180° TUBE BENDER is warranted against defects in materials and workmanship for a 12 month period from the date of purchase. Faulty goods will be repaired or replaced at Vevor's discretion.



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**Importer:** WAITCHX

**Address:** 250 bis boulevard Saint-Germain 75007 Paris

**Importer:** FREE MOOD LTD

**Address:** 2 Holywell Lane, London, England, EC2A 3ET

**Manufacturer:** Wujiang Dunnex Tools Co., Ltd

**Address:** No.460 Yangang Road, Qiushe District, Tongli Town, Wujiang City, Suzhou, Jiangsu Province, China

MADE IN CHINA

**VEVOR<sup>®</sup>**

**TOUGH TOOLS, HALF PRICE**

**Technical Support and E-Warranty Certificate**  
**[www.vevor.com/support](http://www.vevor.com/support)**