

Bending Tool Instructions

1. Summary

This pipe-bending apparatus is used for bending the PEX-AL-PEX or PERT-AL-PERT composite pipes. There are six kinds of flexional pipes: 1014, 1216, 1418, 1620, 2025, 2632. The bended angle can be controlled between 90 and 180 degree. This pipe-bending apparatus has a simple structure to ensure pipe can be installed easily and quickly.

2. Steps of Install

The process is very easy. Please see Pic 1. After checking all the spare parts (see No.4 about the number of spare parts), carry out according to the following steps below:

1) Install the two modules to the stable rail separately with pin and butterfly nut.

There are two position for installing on the rail. When the specification of pipes are: 1014, 1216, 1418, 1620, install the module at position 1, see Picture 2 (a). When the pipes are 2025 and 2632, then install the module at position 2, see pic 2 (b).

2) Then fix the rail in the groove of the handle with butterfly bolt. See pic 3.

3. The Steps of Operating

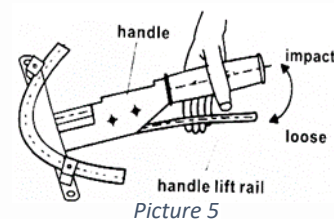
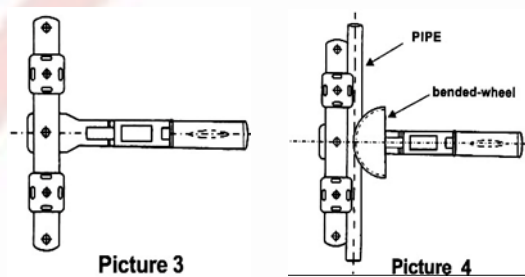
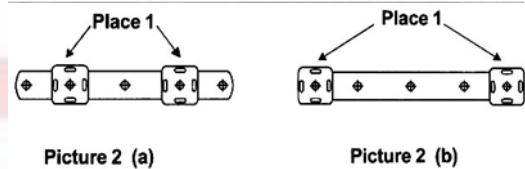
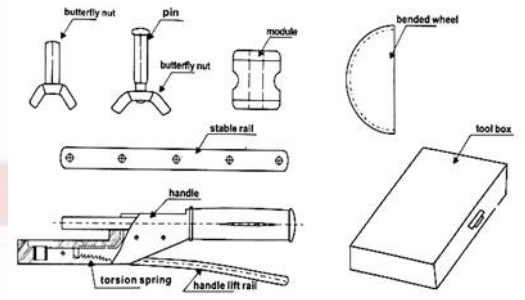
1) Set the pipe and bended wheel. Put the pipe, to be bent, across on the relevant groove in the module and pipe. Then insert the corresponding bended wheel to one side of the rack. See picture 4.

2) Bend the pipe.

Pump handle with the handle-lift-rail to bend the pipe. Do such action again and again, then the rack will push the bended wheel forward gradually, so as to put pressure on and then bend the pipe to shape, See pic 5.

3) Take out the pipe.

When the pipe is bent to the required angle, take hold of the handle with one hand, impact the rail with another hand, try to pull the handle and to pull one side of the handle and rail upwards. In this case, the bended-wheel will revert back and fall with the rack, and then the shaped pipe can be taken out easily.



4. Attention Instruction

1) Check all components of this product are included before operation. It should include the following parts below:

Name	Handle and rack parts	Stable rail	Module	Pin and butterfly nut parts	Butterfly bolt	Bended-wheel	16,20, 25,32	Instruction book	Toolbox
Quantity	1pc	1	1	2	1	6	1pc/kind	1	1

2) Don't throw the bended-wheel on the floor so as not to break it.

3) The groove in the bended-wheel and module should fit the pipes so as not to break or damage the surface of pipes.

4) If the rack can't reset to its former when loosening it, that is because the torsion spring has lost its flexibility by tension. This will require change to a new one.

5) Bend the pipe slightly with hands in advance before bending pipe 2025 and 2632 to fit them into the bended wheel.

6) When taking out the pipe, if the bended-wheel can't move back after pulling the rack, wrap the wheel with hand. Do not use a hammer or hard object as this could break surface of pipe.

