



**I. Safety guide**

**Warning**

For safety and correct operation, please read the manual carefully before use.

**1. Work area safety**

- 1.1 Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- 1.2 Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- 1.3 Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

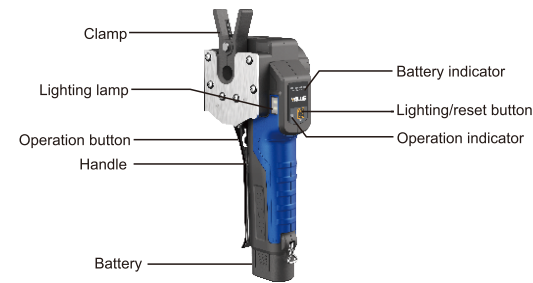
**2. Electrical safety**

- 2.1 Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- 2.2 Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

**3. Personal safety**

- 3.1 Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- 3.2 Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- 3.3 Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- 3.4 Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- 3.5 Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations
- 3.6 Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or longhair can be caught in moving parts.

**II. Exterior structure**



**III. Technical parameters**

Model	VET-19Li
Applicable Pipe/Tube	Copper tube
Applicable Pipe/Tube Size	1/4", 3/8", 1/2", 5/8", 3/4"
Flaring Shape	JIS B 8607
Processing Method	Eccentric cone
Power	DC motor
Cone Speed(rpm)	120rpm
Flaring times	Approximately 90 times for 3/8" copper pipes (full battery)
Expanding time	15-20s depends on different size
Exterior Dimensions	256x101x100mm

**Battery pack**

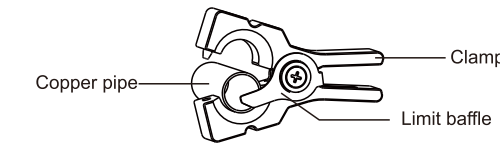
Battery	7.2V Li-Battery 2.0Ah
Charging time	around 30 min
Operating temperature	5°C-40°C

**Charger**

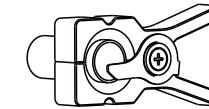
Power Supply	AC 100-240V (50/60Hz)
Charging Voltage	8.3V
Charging Current	3.5A
Operating temperature	5°C-40°C

**IV. Operation**

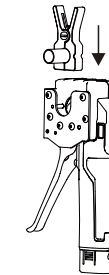
- 1. Open the clamp, insert the copper pipe, align the copper pipe end to the limit baffle.



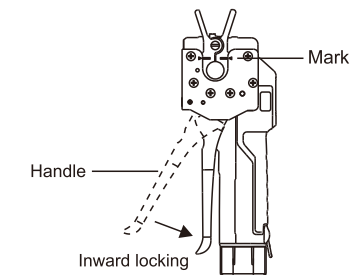
- 2. Close the clamp, to hold the copper pipe.



- 3. Put the clamp with the copper pipe into the flaring tool.



- 4. Make sure the clamp mark is aligned with the flaring tool, then lock the handle.



- 5. Press the start button and release it, then the product starts to flare the pipe, during which the handle shall not be pulled open.

