

## TUBE EXPANDER



• Chinese patent

### VHE-29A/29B/42B

#### Easy to expand

- No copper coupling needed any more
- Only one side needs to be welded. Less welding rod, oxygen and ethyne to be used
- Lessen the possibility of leakage of the weld
- Manual hydraulic mechanism design can expand tubing from 3/8" to 1-5/8" diameter



#### Six easy steps

- 1 Deburr inside of tube
- 2 Anneal the tube if necessary (for hard or thickwall tube)
- 3 Screw the expander head on expander
- 4 Put the end of tube on expander head
- 5 Tighten the relief valve knob to 'on' position then pump handle until tube is expanded to the end
- 6 Tighten the relief valve knob to 'off' position to loosen expander head, remove expanded tube

Model	Tube O.D.	Diameter	Size	Weight	Accessory
VHE-29A	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"	φ 46mm	390×245×74mm	3.3Kg	/
VHE-29AM	10, 12, 15, 16, 18, 22, 28mm	φ 46mm	390×245×74mm	3.3Kg	/
VHE-29B	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"	φ 46mm	390×245×74mm	3.7Kg	VTT-5 VTC-32
VHE-29BM	10, 12, 15, 16, 18, 22, 28mm	φ 46mm	390×245×74mm	3.7Kg	VTT-5 VTC-32
VHE-42B	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8" 1-1/4", 1-3/8", 1-1/2", 1-5/8"	φ 46mm	390×245×74mm	5.3Kg	VTT-5 VTC-42
VHE-42BM	10, 12, 15, 16, 18, 22, 28, 35, 42mm	φ 46mm	390×245×74mm	5.3Kg	VTT-5 VTC-42

## TUBE EXPANDER



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### VHE-29C/42C

#### Two Usage For Flaring & Expanding

- Two usage for flaring & expanding, easy to shift
- No copper coupling needed any more
- Only one side needs to be welded. Less welding rod, oxygen and ethyne to be used
- Lessen the possibility of leakage of the weld
- Manual hydraulic mechanism design can expand tubing from 3/8" to 1-5/8" diameter



Model	Expanding tube O.D.	Flaring tube O.D.	Accessory
VHE-29C	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"	1/4", 3/8", 1/2", 5/8", 3/4", 5/16"	VTT-5 / VTC-32
VHE-29CM	10, 12, 15, 16, 18, 22, 28mm		VTT-5 / VTC-32
VHE-42C	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8" 1-1/4", 1-3/8", 1-1/2", 1-5/8"		VTT-5 / VTC-42
VHE-42CM	10, 12, 15, 16, 18, 22, 28, 35, 42mm		VTT-5 / VTC-42