



HUAHENG TC Series Thin-wall Tube-Tube Welding Heads

Our Product Introduction

Basic Information



Product Specification

- Suitable Material: Carbon Steel, Stainless Steel, Titanium, And Titanium Alloys
- Joint Types: Tube-tube, Tube-elbow, Tube-tee, Tube-flange, Etc.
- Shielding Gas: Argon
- Cooling Method: Water

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Product Description



Suitable for thin-wall tube welding application.

Suitable for industries, such as semiconductor, pharmaceutical.

Food & beverage, water treatment, and instrument tubing etc



Key Characteristics

Suitable for thin-wall pipes: carbon steel, stainless steel, titanium, and titanium alloys

Compatible with multiple joint types: tube-tube, tube-elbow, tube-tee, tube-flange, etc.

Lightweight aluminum construction with ergonomic streamlined 3D design

Patented gas path design and fully sealed chamber structure for enhanced shielding effectiveness

Flexible automatic centering fixture with hidden quick-release mechanism enables rapid on-site installation

Self-fusing orbital welding method without filler wire, ideal for field operations

Water-cooled head for extended continuous operation

Integrated handle controls for user-friendly operation



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