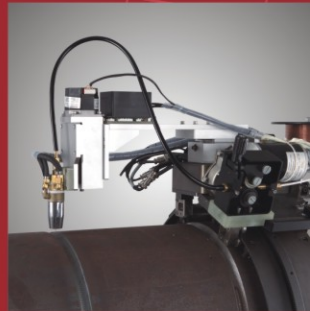
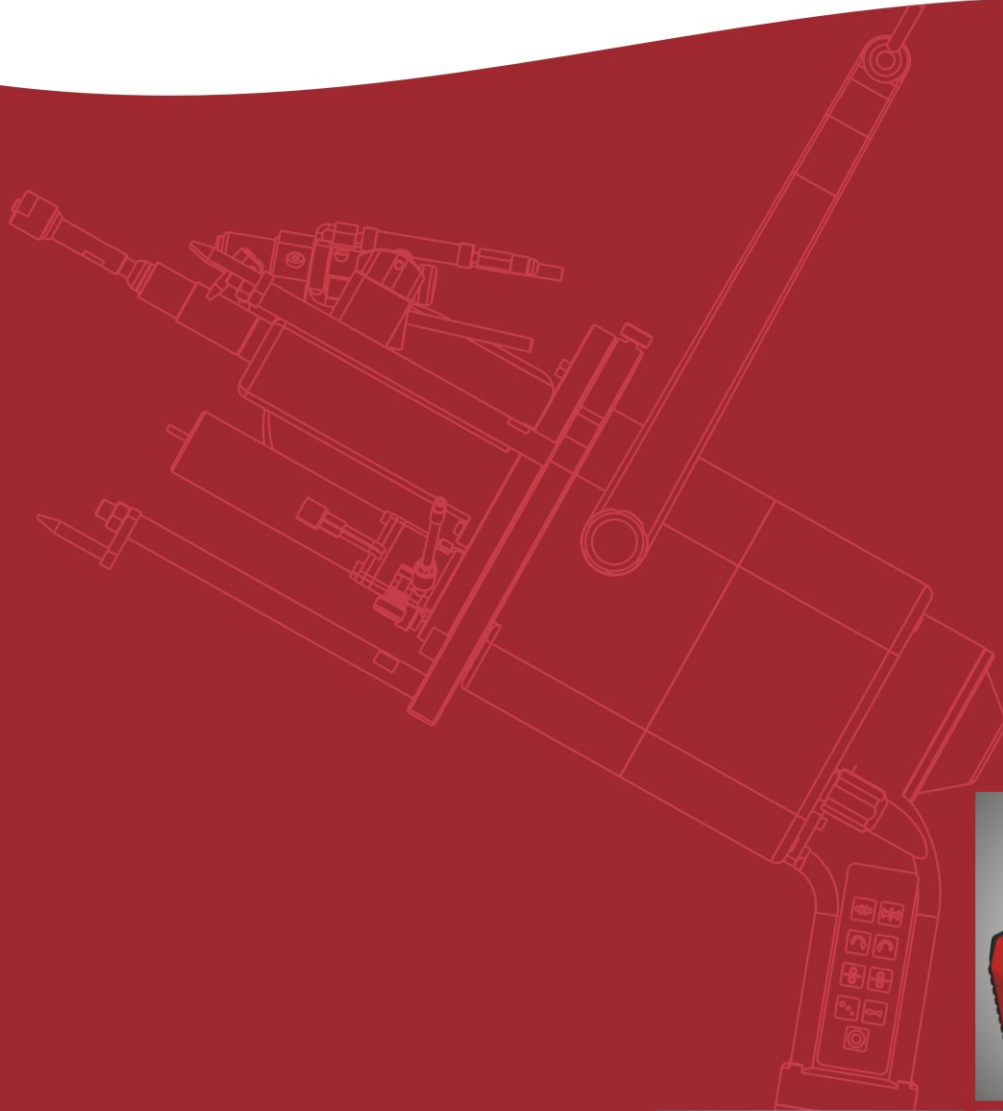
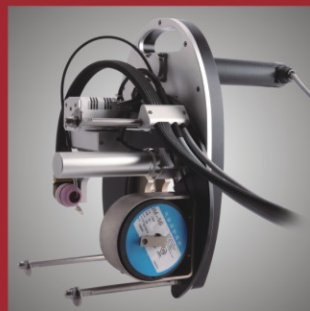


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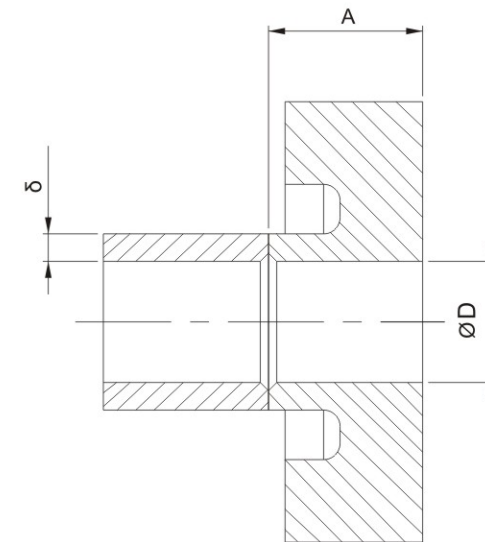
ORBITAL Welding System



HUAHENG WELDING CO., LTD.

TPN25

Inner Tube to Tube-sheet Welding Head



Brief Introduction

This welding head is specially designed for Inner tube to tube-sheet TIG welding, suitable for carbon steel, stainless steel, fusion, wire feeding or wire feeding after self-fusion. Tube ID should $> \Phi 25\text{mm}$.

Support equipment: i-Arc400 Programmable Orbital Welding Power Source.

Application: Boiler, heat exchanger, military, power plant, petrochemical and so on.

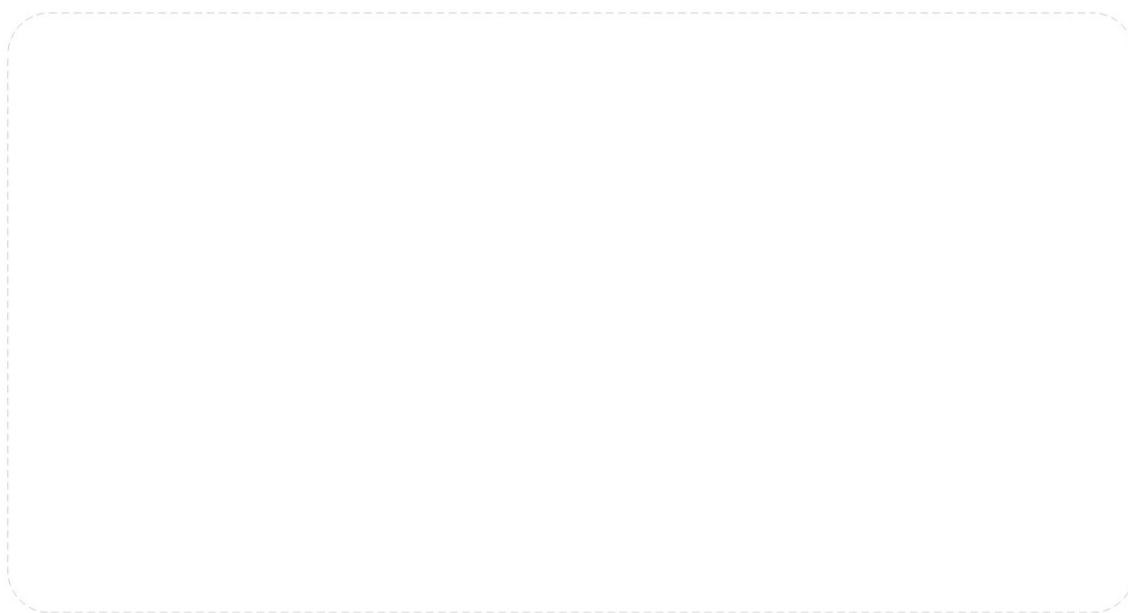
Features

- Inner hole with wire feeding, meet various process requirement;
- No wire twist design and special wire feeding design to achieved complex single-layer welding or multi-layer welding requirements;
- Auto AVC controlling on or off for manually adjusting;
- Specially made water cooling construction;
- Wire feeding with no twisting, with integrated wire feeding, 1.0KG wire spool.

Technical Specification

Material	Carbon steel, stainless steel
Tube OD (mm)	$\geq \Phi 25$
Depth for Inner Tube (mm)	20 ~ 80
Connection	Tube insert, flush tube
Tungsten diameter (mm)	$\Phi 2.4$
Rotation speed (rpm)	0.37 ~ 7.39
Arc adjusting distance (mm)	15
Max wire feeding speed (mm/min)	1800
Tungsten diamete (mm)	$\Phi 0.8$
Protective gas	Ar
Cooling	Water
Cooling flow (ml/min)	≥ 600
Weight (kg)	12 (no cable)
Dimension (mm)	570 × 290 × 510

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