

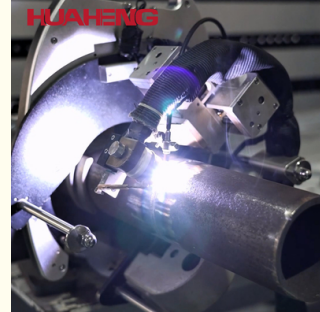


HUAHENG TOA77 Medium-Thick-Wall Pipeline Welding Equipment for Pipe-to-Pipe Welding

Our Product Introduction

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Basic Information

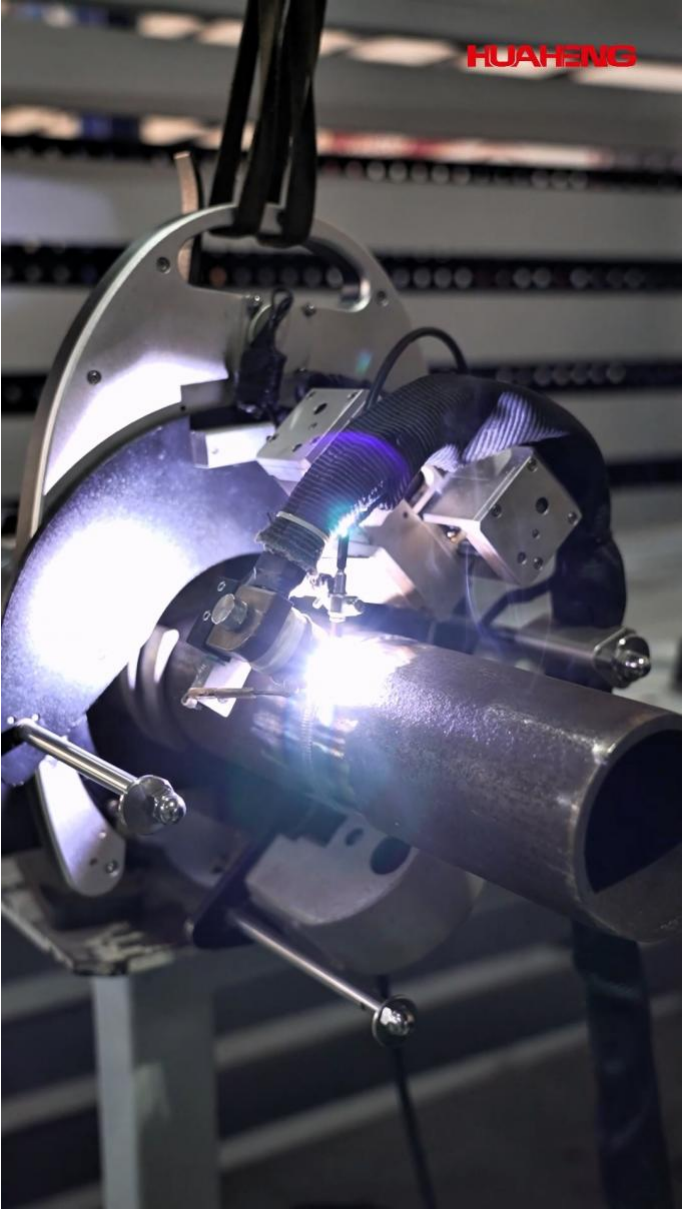


Product Specification

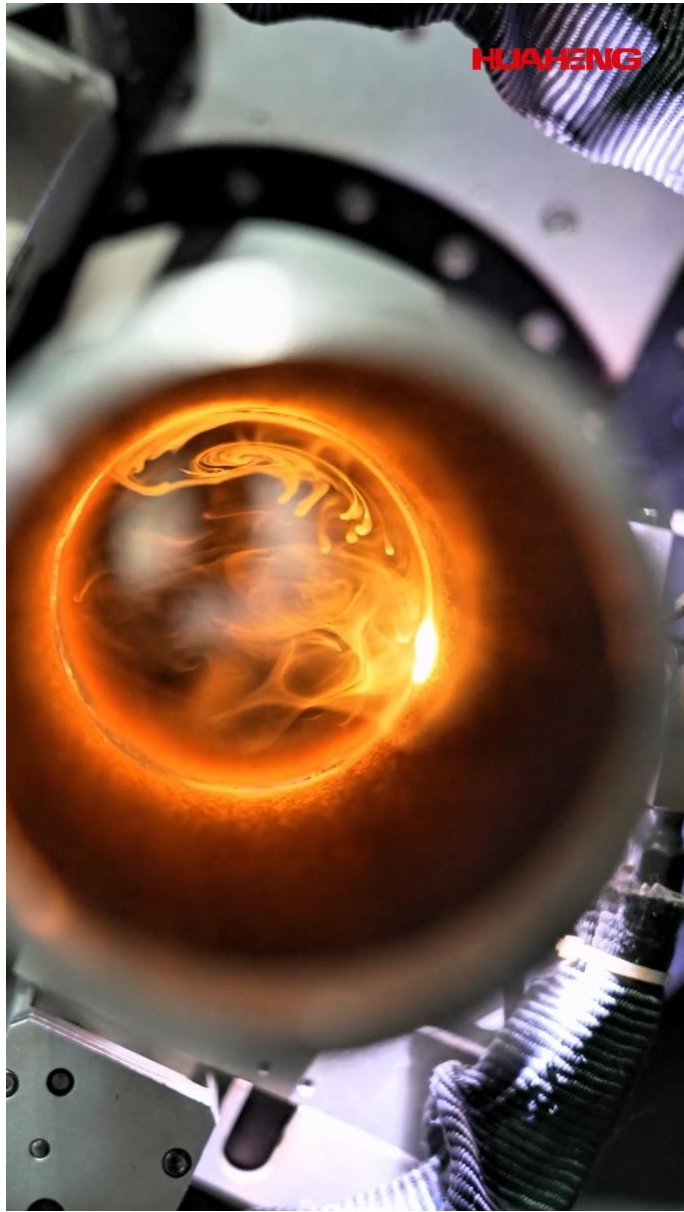
- Weldable Material: Carbon Steel, Stainless Steel
- Tungsten Electrode Diameter(mm): $\Phi 2.4$ 、 $\Phi 3.2$
- Protective Gas: Argon
- Wire Diameter(mm) : $\Phi 1.0$ Standard
- Weldable Pipe ID(mm): $\Phi 19.05$ $\Phi 45$ (3/4" 13/4")
- Weldable Pipe OD(mm): $\Phi 45$ $\Phi 77$ (1 3/4" 3")

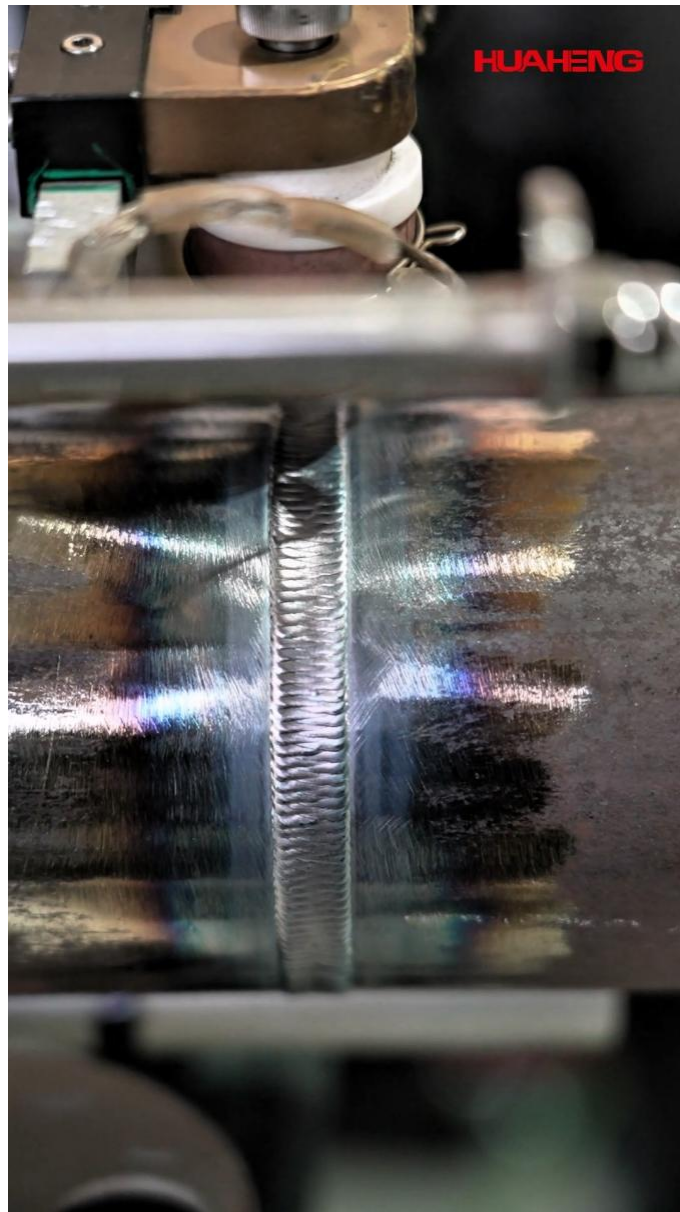
Our Product Introduction

Product Description



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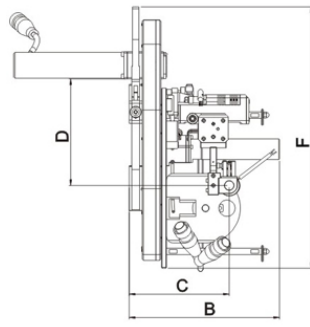
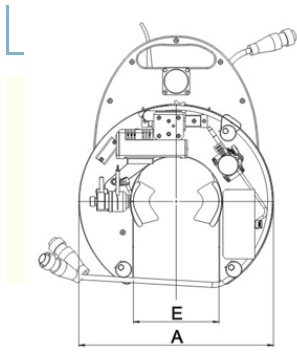


Breaking away from traditional enclosed designs, the HUAHENG TOA welding machine features an innovative open-head structure. This breakthrough design enables precise process control while significantly improving operational visibility in industrial environments. The Precision Welding System for Medium-Thick Wall Pipelines delivers seamless performance - effortlessly executing smooth horizontal circumferential welds and navigating complex vertical pipe joints. Its lightweight welding head maintains perfect surface contact throughout operations, ensuring reliable high-precision welding even in the most challenging industrial applications.

Technical parameter

It is fit for fusion welding or wire feeding with external the integrated TB1501 wire feeder with AVC&OSC function.

	TOA77	TOA130	TOA180	TOA230	TOA320
Weldable pipe diameter(mm)	Inner clamp:Φ19.05 Φ45 (3/4" 1 3/4")	Inner clamp:Φ38.1 Φ76 (1 1/2" 3")	Inner clamp:Φ50.8 Φ114.3 (2" 4 1/2")	Inner clamp:Φ120 Φ178 (4 1/2" 7")	Inner clamp:Φ150 Φ230 (6" 9")
	Outer Clamp:Φ45 Φ77 (1 3/4" 3")	Outer Clamp:Φ76 Φ130 (3" 5")	Outer Clamp:Φ114.3 Φ180 (4 1/2" 7")	Outer Clamp:Φ178 Φ230 (7" 9")	Outer Clamp:Φ230 Φ324 (9" 12 3/4")
Tungsten electrode diameter(mm)	Φ2.4,Φ3.2	Φ2.4,Φ3.2	Φ2.4,Φ3.2	Φ2.4,Φ3.2	Φ2.4,Φ3.2
Spinning speed(rpm)	0.19 3.8	0.11 2.2	0.09 1.8	0.05 1.0	0.026 0.52
Yaw width(mm)	20	40	40	40	40
Arc length height(mm)	40	40	40	40	40
Maximum wire feed speed (mm/min)	1800	1800	1800	1800	1800
Main dimensions(mm)					
A	220	300	375	425	550
B	180	235	285	300	315
C	112 132	156 196	184 224	195 235	230 270
D	92	165	225	250	297
E	82	132	182	232	328
F	320	400	525	570	680
wight (kg)	5.5 (without cable)	10.8 (without cable)	19.5 (without cable)	21.5 (without cable)	36 (without cable)
Dimensions(mm)	370×220×320	435×300×400	445×375×525	465×425×570	430×610×680



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