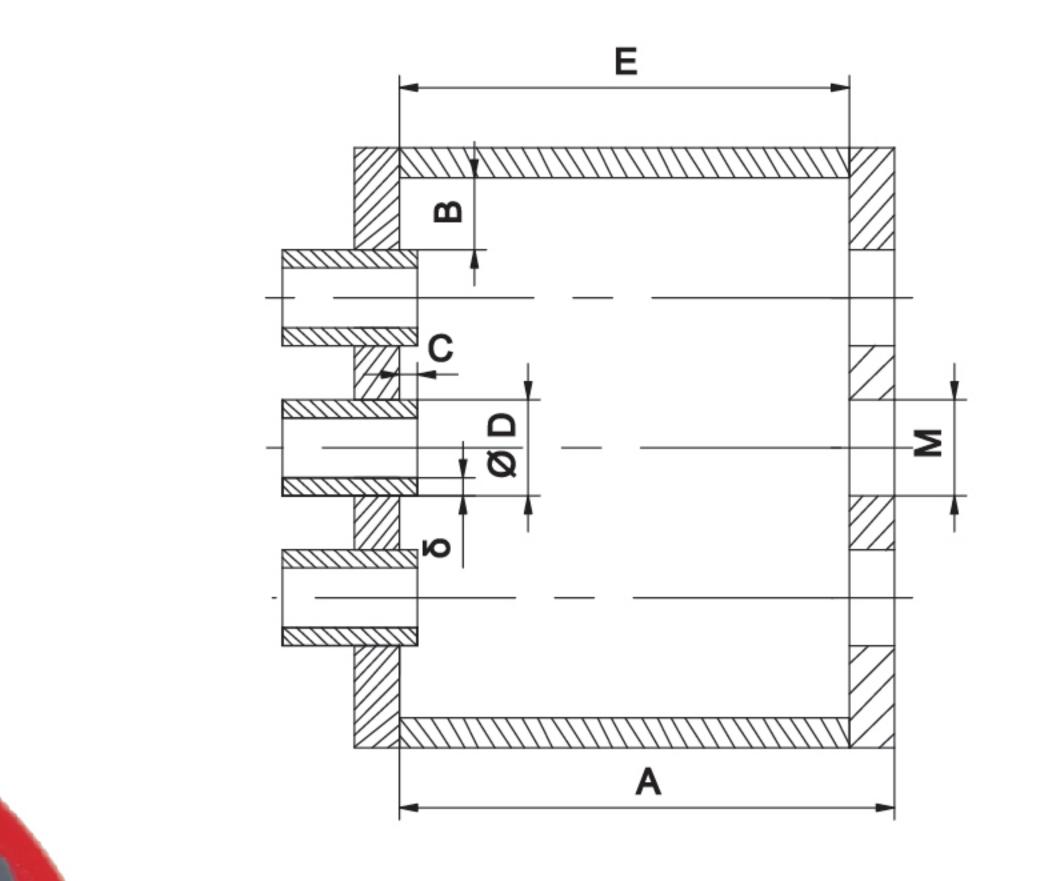
## TP\$525

Header Box Orbital Weld Head

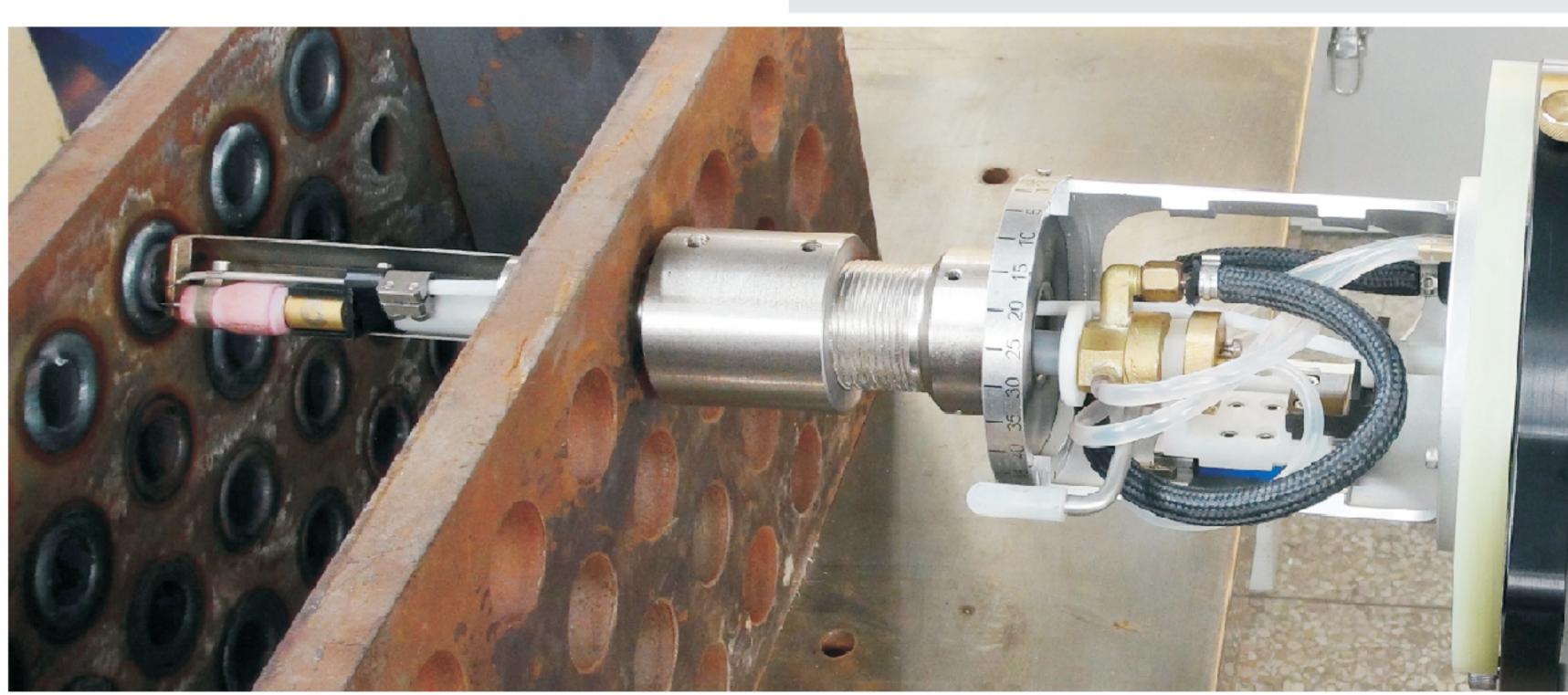
## Performance characteristics

- Automatic AVC function solves the invisible issue of header box welding,optional manual AVC;
- Touch and lift function, ensure the same tungsten distance to work piece;
- Special designed torch hiding and out function,convenient to insert the torch and carry out welding job.



Dimension(mm)			
M	M32 × 2	M36 × 3	
ФD	Ф25	Ф32	
Α	110≤	110≤A≤220	
В	B ≥10		
С	≤1.5		
δ	≤3.5		





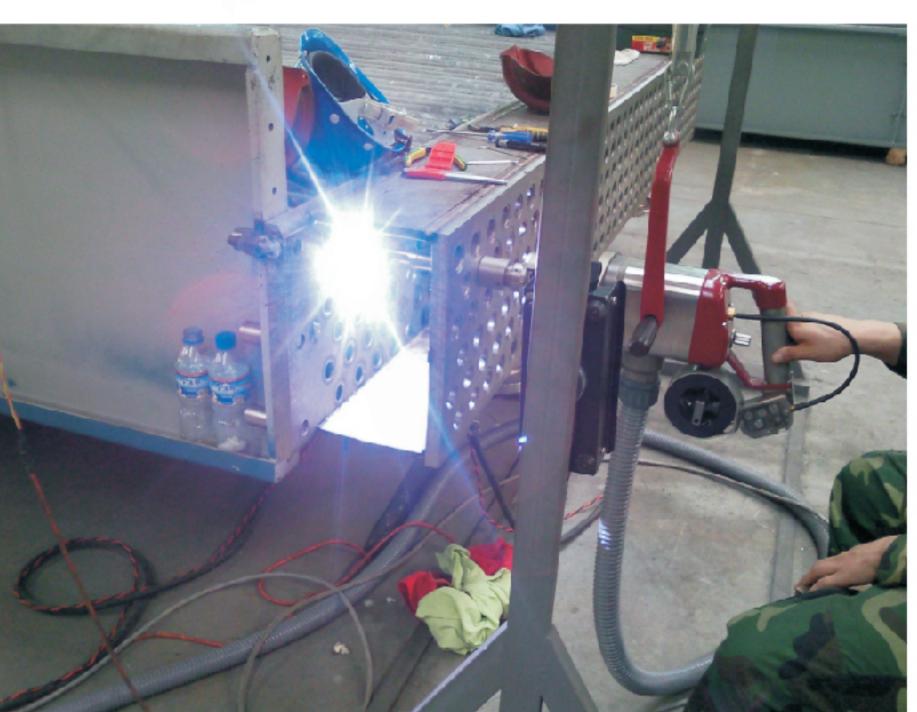
## Technical specification

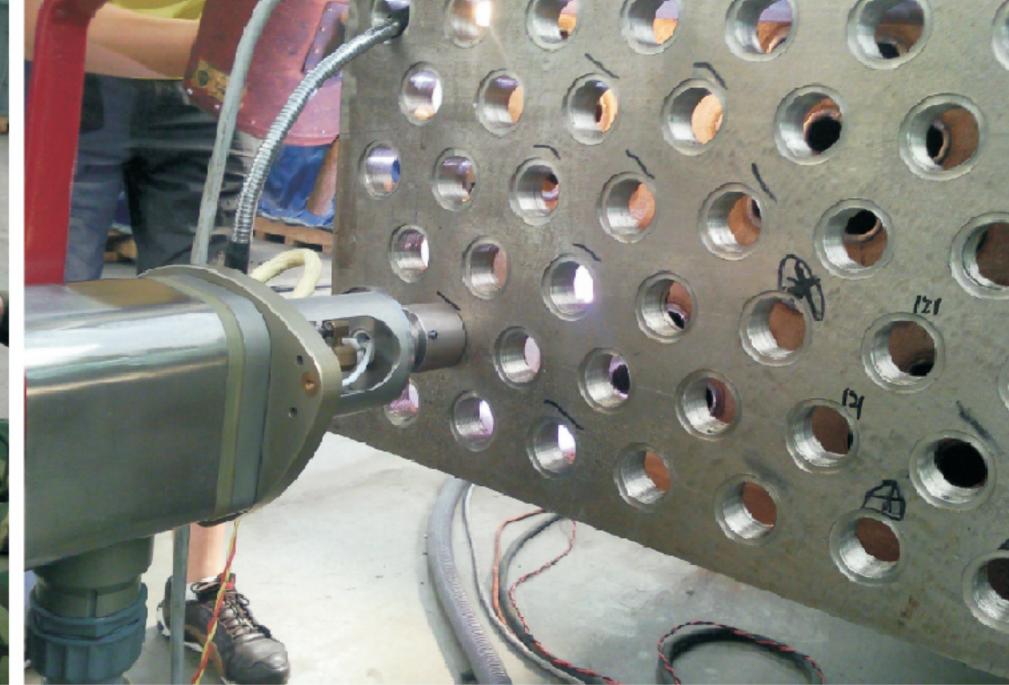
	Material	Carbon steel, stainless steel
	Tube OD(mm)	Φ25 orΦ32(standardΦ25)
	Max Depth for Inner Tube(mm)	230(including plate thickness)
	Connection	Flush tube
	Tungsten diameter(mm)	Ф2.4
	Rotation speed(rpm)	0.37-7.39
	Torch Angle	-3°
	Arc adjusting distance(mm)	18
	Max wire feeding speed(mm/min)	1800
	Tungsten diameter(mm)	Ф0.8
	Protective gas	Ar
	Cooling	Water
	Cooling flow(ml/min)	≥300
	Duty cycle	200A 60%
	Weight(kg)	13(no cable)
	Dimension(mm)	780 x 290 x 310

## Summary

This weld head is special designed for header box tube/tube sheet orbital TIG welding. It can weld Φ25 and Φ32mm carbon steel and stainless steel tube flush with or without wire feeding. It's compatible with Huaheng iOrbital5000 programmable digital welding power source to apply in boiler, heat exchanger, power plant, chemical industries etc. to achieve precision TIG header box welding with high quality and repeatability.







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