ITP-28/ ITP-80 CO2 Gas Shielded Tube Sheet Welding Machine

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- The ITP-28 and ITP-80 gas shielded tube sheet welding machines belong to a novel integrated E&M technical product, and are mainly used for automatic welding of tube sheets in boilers, pipe boxes, air preheaters and heat exchangers and can also realize the automatic welding of flat angle welding seam of tube extension type and butt welding seam of tube flush type.
- The products adopt a programmable controller for control with a Chinese character human-machine interface and has intuitive operation, high reliability and strong expandability. Compared with the previous manual arc welding, the machine can reduce the labor insensitivity of the operator, improve the production efficiency of welding, ensure the welding quality of products and save production cost.





ITP-28





ITP-80

Application：

- Trailer manufacturing
- Tank wagon
- Oil tank
- Water storage tank
- Transformer
- Shipyard



Part Name:

1. Handle
2. Drive Motor
3. Drive Gearbox
4. Main machine
5. Left/Right Moving Assembly
6. Welding Torch Clamper
7. Up/Down Moving Assembly
8. Carbon Dioxide Welding Torch
9. Height Limit
10. Taper-lock
11. Expanding Handwheel
12. Fixed Spindle
13. Control Box

Main Technical Parameters:

Model	ITP-28		ITP-80	
Weight	5.7Kg		7Kg	
Overall dimensions	550 × 250 × 100mm		550 × 250 × 100mm	
Package size	610 × 500 × 250mm		610 × 500 × 250mm	
Package weight	24.5Kg		26.5Kg	
Input voltage	AC 220V/50Hz		AC 220V/50Hz	
Drive Motor/Power	1.1KW		1.1KW	
Inner diameter of pipe to be welded	16~28mm		28~78mm	
Range for adjusting torch	Up/Down	50mm	Up/Down	50mm
	Left/Right	60mm	Left/Right	60mm
	Work angle	± 90°	Work angle	± 90°
	Processing angle	± 10°	Processing angle	± 10°
Welding speed	0 ~ 100mm/min		0 ~ 100mm/min	







Product Features:

The products are mainly used for automatic welding of tube sheets in boilers, pipe boxes, air preheaters and heat exchangers;
They can realize the automatic welding of flat angle welding seam of tube extension type and butt welding seam of tube flush type;
The products adopt a programmable controller for control with a Chinese character human-machine interface and has intuitive operation, high reliability and strong expandability.



Adjusting Handwheel

It is used for locking and loosening during installation.





Positioning Device

It is used for fixing the equipment stably.

ITP-28 CO2 Gas Shielded Tube Sheet Welding Machine Standard Accessories:



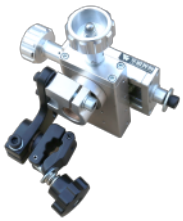
Main machine



Control Box



Taper-lock
(10 sets including ones on main machine)



Left/Right & Up/Down Moving Assembly Welding Torch Clamper Assembly



Power Cord
3 × 0.75 mm², 8 m



Main Machine Cable
4 × 0.5 mm², 10 m



Wire Feeder Cable
2 × 0.75 mm², 10 m



Foot Control Cable
2 × 0.75 mm², 10 m



Tools



Instruction
Certificate

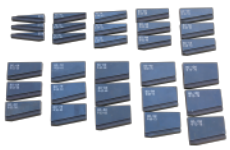
ITP-80 CO2 Gas Shielded Tube Sheet Welding Machine Standard Accessories:



Main machine



Control Box



Expansion Block
(10 sets)



Left/Right & Up/Down Moving Assembly Welding Torch Clamper Assembly



Power Cord
3 × 0.75 mm², 8 m



Main Machine Cable
4 × 0.5 mm², 10 m



Wire Feeder Cable
2 × 0.75 mm², 10 m



Foot Control Cable
2 × 0.75 mm², 10 m



Tools



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