

## GTX63S Hydraulic TIG Pipe Welding System Labor Saving For Locomotive Industry

### Basic Information



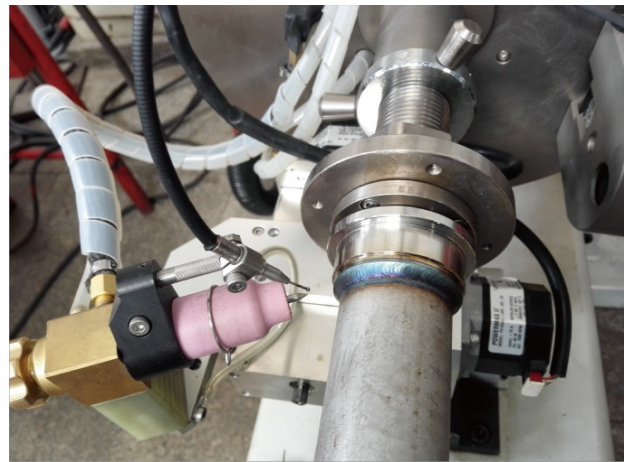
### Product Specification

- Material: Carbon Steel, Stainless Steel
- Tube OD (mm):  $\Phi 8 \sim \Phi 76$
- Tungsten Diameter (mm):  $\Phi 3.2$
- Rotation Speed (rpm): 0.19 ~ 9.37
- Torch Angle:  $0^\circ \sim 45^\circ$
- Protective Gas: Ar
- Cooling: Water
- Cooling Flow (ml/min):  $\geq 600$
- OSC Width (mm): 60
- AVC Height (mm): 60
- Wire Diameter (mm):  $\Phi 1.0$  (standard)
- Max Wire Feeding Speed (mm/min): 1800
- Weight (kg): 320
- Dimension (mm): 500 X 850 X 2015

## Product Description

### GTX63S Hydraulic Pipe Welding System

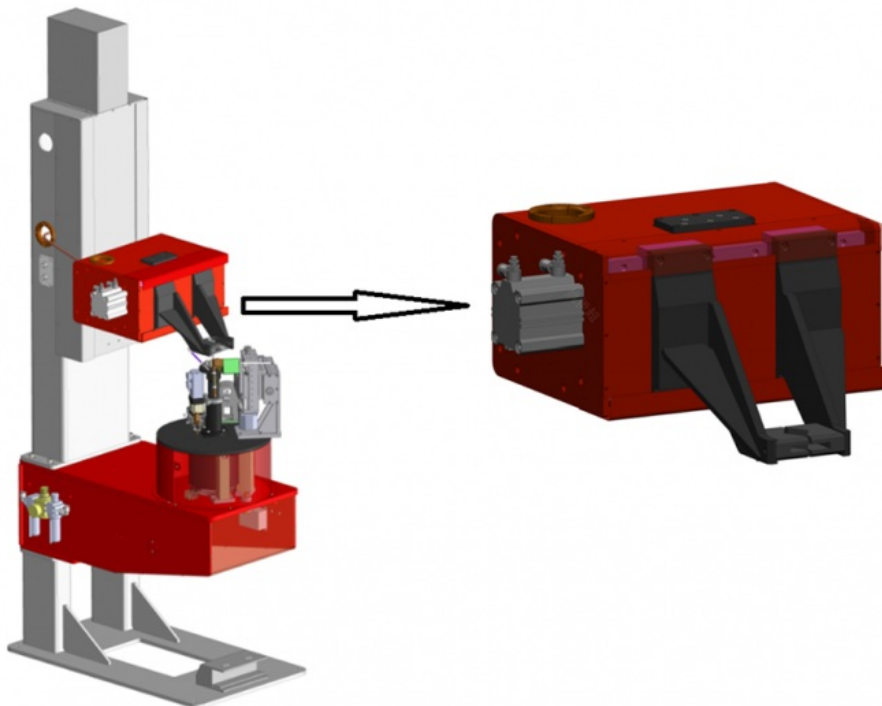
#### Description

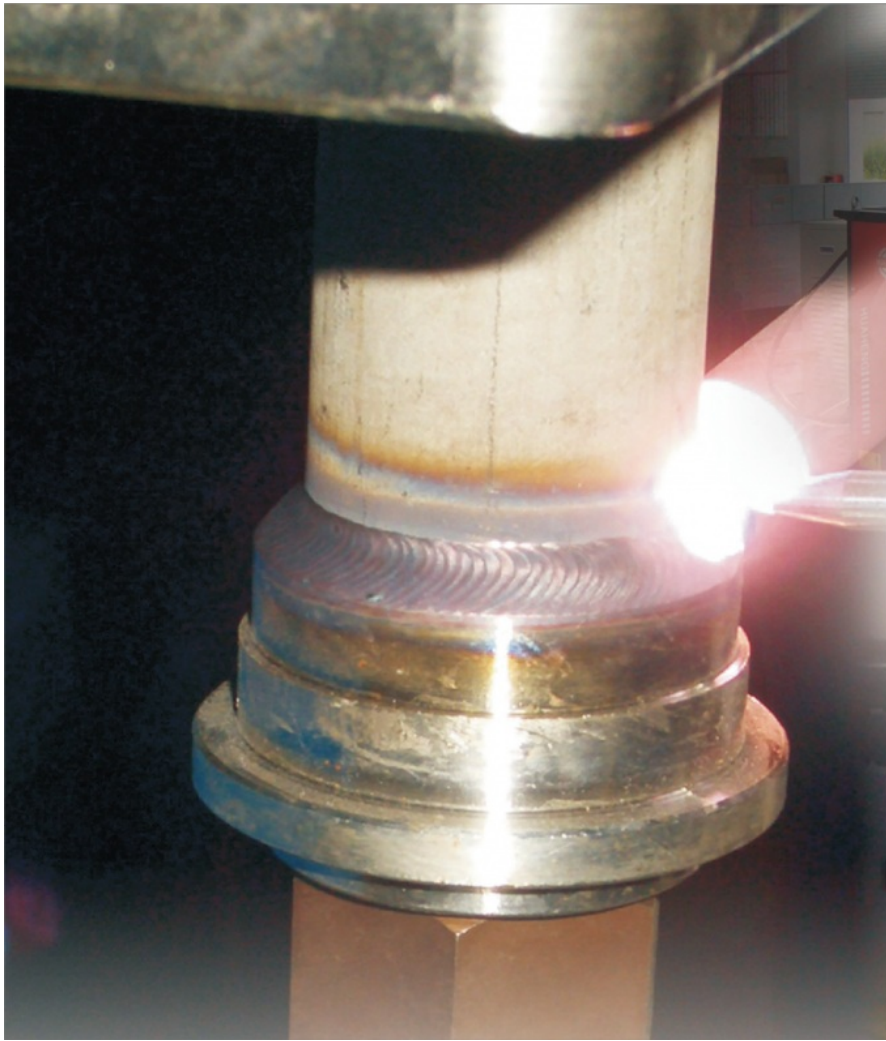


This welding torch is a special system designed for TIG welding of pipe/pipe flanges, and is suitable for automatic welding in the form of general pipe flanges. According to the needs of the welding process, single-position or all-position welding can be realized, butt welds can be welded, and fillet welds can be welded. Self-fusing, wire filling, or self-fusing and then wire filling can be selected, which is convenient, fast and labor-saving, using vertical placement. This machine can be used with iOrbital5000-H TIG program-controlled welding power source, and is suitable for automatic welding of special pipes, pipes and pipe flanges in locomotives, construction machinery and other industries.

#### Performance

Suitable for automatic welding in the form of pipe flanges in the construction machinery and locomotive industries; According to the needs of the welding process, you can choose to use self-fusing, wire filling, or first self-fusing and then wire filling, etc., which is convenient, fast and labor-saving; The clamp body can be adjusted back and forth through the rocker on the back (lower) side of the hand crank; The self-centering function of the clamp body can clamp and release the workpiece at the same time on both sides for quick positioning; Rotary drive adopts servo motor, which is stepless speed regulation within the speed range. All water, electricity, gas pipes and wires are tangled free; Using pneumatic clamping, the workpiece can be firmly positioned on the table without human intervention; The standard structure of the water-cooled TIG welding gun is adopted: the tungsten electrode clamp is pressed from the back to the front to achieve the purpose of clamping the tungsten electrode, and it is convenient and quick to replace or adjust the tungsten electrode;





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