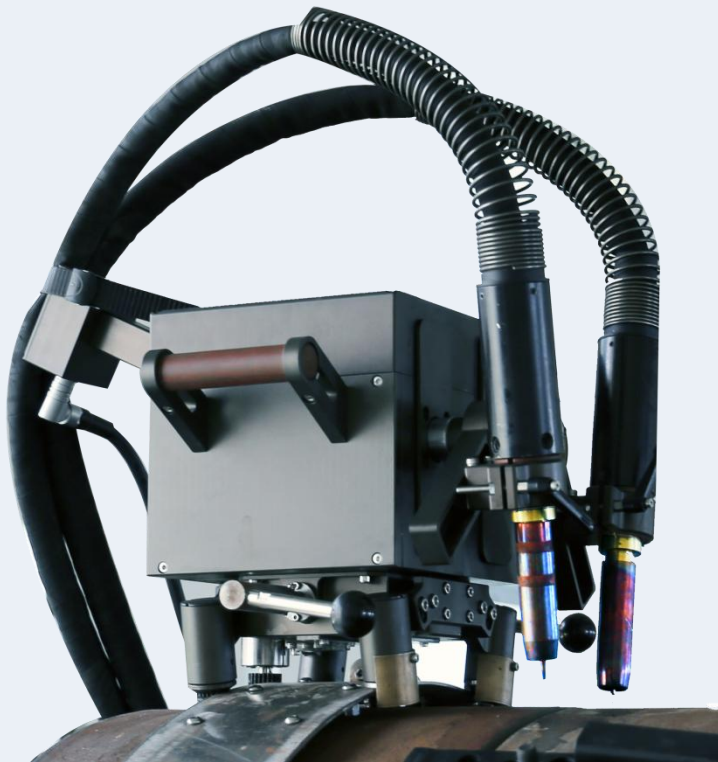




**HEBEI YUEHONG INTELLIGENT WELDING EQUIPMENT CO.,LTD.**



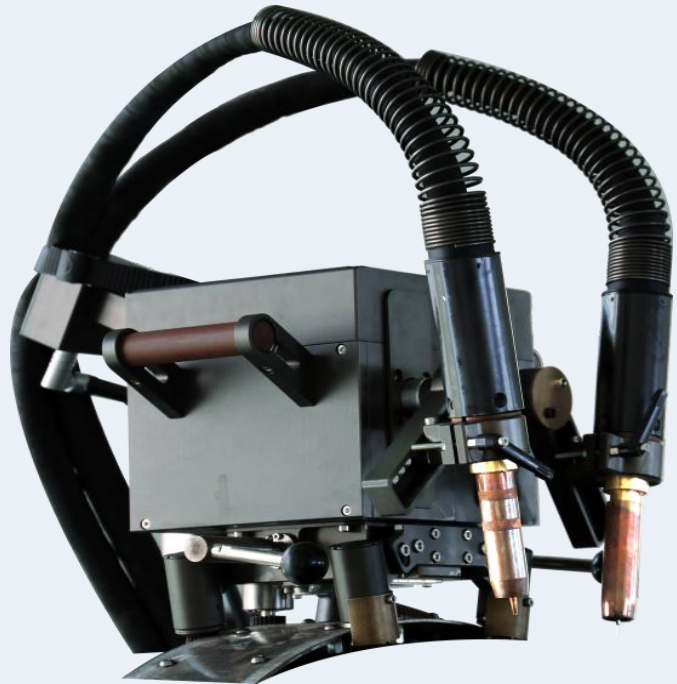


## Double Welding Torch All-position Pipeline Automatic Welding System

Traceable

Full Position

Double welding torch



Yuehong's third-generation all-position pipeline automatic welding system YH-HJXC-2HJ, with compact structure, complete functions, stable and reliable. It can make land and ocean pipeline laying operations more efficient and high-quality.

The dual torch automatic welding machine is a new generation of high-efficiency automatic welding equipment for pipelines, which realizes automatic selection of welding process, automatic tracking and adjustment of welding torch position, reducing manual intervention, improving welding quality, and simultaneous construction of dual welding passes to improve welding efficiency.

Construction scene: Circumferential seam welding and straight seam welding of long-distance pipelines, pressure vessels, storage tanks, cylinder bodies, etc.



## Double Welding Torch All-position Pipeline Automatic Welding System

### Features:

- Double welding torch all-position pipeline automatic welding system with precise digital controller
- Welding process automatic selection, automatic storage, automatic tracking adjustment of welding torch position
- Customized hand box, smarter and more humane
- Thousands of welding parameters can be stored and recalled at any time as needed
- Configurable to connect to Yuehong welding data automatic monitoring platform

### Standard Configuration:

- Welding machine
- Control system
- Control cable set
- Welder
- Welding torches
- Flexible trolley track
- Shielding gas system



## Double welding torch all-position pipeline automatic welding system

### Applicable environment:

- Circular welding seam with large and medium diameter fixed ports; applicable pipe diameter  $\Phi 508-1422\text{mm}$ ;
- Pipe root welding, heat welding, filling welding and cap welding;
- Weldments such as pipes, arcs, straight faces, etc.;
- Vertical seams, transverse seams, and vault lap welding seams of structures such as containers and storage tanks;



### Welding Process:

- GMAW-S (Melting electrode gas protection short circuit excessive arc welding)
- GMAW-P (Melting electrode gas shielded pulse arc welding)
- FCAW-GS (Flux cored wire arc welding)

### Especially Applicable:

High construction quality and efficiency requirements, narrow gap grooves, multi-layer welding beads.

Protective gas:	Mixed gas
Operating mode:	Manual / Auto
Adapted pipe diameter:	$\geq \Phi 508 \text{ mm}$
Width of welding seam:	$\leq 30\text{mm}$
Running speed:	0 ~ 5000 mm/min
Diameter of welding wire:	$\Phi 0.8 \sim \Phi 1.2\text{mm}$

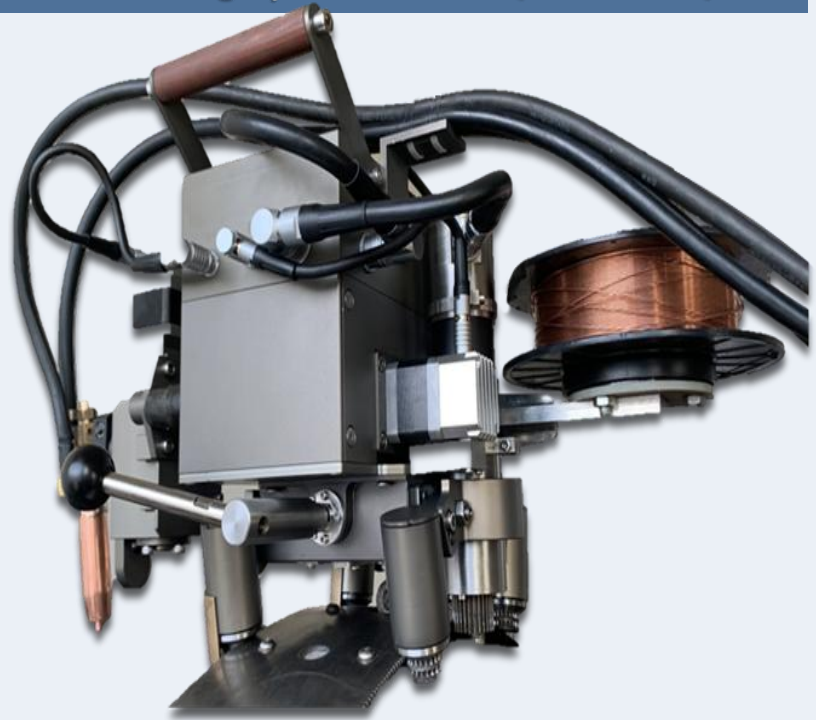


## All-position Pipeline Automatic Welding System YH-QWZHJ-31Q

Traceable

Full Position

Girth seam welding



Yuehong's fifth-generation all-position pipeline automatic welding system YH-QWZHJ-31Q, with ingenious structure and complete functions. It can be used for efficient welding of all pipe diameter of land and ocean pipelines, automatically adjust the welding process, automatically track welding seam and realize accurate and reliable full position welding.

**Construction scene:** Circumferential seam welding and straight seam welding of long-distance pipelines, pressure vessels, storage tanks, cylinder bodies, etc.

### Features:

- ◆ All-position welding, wide range of pipe diameter
- ◆ Single torch automatic welding, more controllable welding quality
- ◆ Thousands of welding parameters can be stored and recalled at any time as needed
- ◆ Configurable to connect to our welding data monitoring platform.

### Standard Configuration:

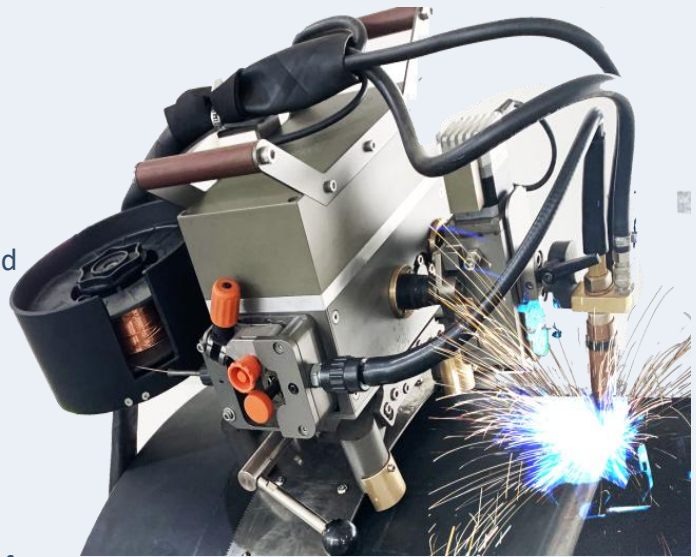
- |                        |                               |
|------------------------|-------------------------------|
| •Welding Machine       | Control System                |
| •Control Cable Set     | Welder                        |
| •Welding Torch         | Flexible Welding System Track |
| •Protective Gas System |                               |



## All-position Pipeline Automatic Welding System

### Applicable Environment:

- Suitable for various pipe diameters, fixed type, circular welding seam;
- Pipe root welding, heat welding, filling welding and cap welding;
- Weldments such as pipes, arcs, straight faces, etc.;
- Vertical seams, transverse seams, and vault lap welding seams of structures such as containers and storage tanks;



### Technical Parameters:

Protective gas	Mixed
Operating mode	Manual / Auto
Diameter of pipeline	$\geq \Phi 168\text{mm}$
Width of welding seam	$\leq 30\text{mm}$
Running speed	0~5000 mm/min
Diameter of welding wire	$\Phi 0.8 \sim \Phi 1.2\text{mm}$



HEBEI YUEHONG INTELLIGENT WELDING EQUIPMENT CO.,LTD

## Intelligent Technology Equipments

Add: Zhongguancun industrial collaborative innovation base, Zaoqiang County,  
Hengshui City, Hebei Province

Zip: 053000

Tel: 86-18678456530 86-13132401909

Fax: 86-0318-8480911

E-mail: [jenny@pipesitesolution.com](mailto:jenny@pipesitesolution.com)

Web: [www.pipesitesolution.com](http://www.pipesitesolution.com)

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