

Heavy-Duty Ring-type welding positioner

Technical data for LS15T



Heavy-Duty Ring-type welding positioner



maximum load	15
working diameter	1500mm
Range of rotational speed	0-1.5r/min
Flipping mode	gear type
Flip the Angle	$\pm 180^\circ$
positioning accuracy	$\pm 0.2\text{mm}$
Power requirements	380V

The Heavy-Duty Ring-type welding positioner adopts the structure of double drive rotary displacement positioner with two rings at the head and tail, which operate synchronously at both ends and are independently driven. This unique design ensures that the workpiece will not bear torsional torque during operation, effectively avoiding deformation.

During welding, it can cooperate with the robot to easily realize the welding of structural parts with complex curved tracks. The ring body has the function of automatic opening and closing, which greatly facilitates the smooth loading and unloading of parts.

The main body frame, flipping mechanism, flipping drive system, rotating circle workpiece interface and control system are mainly composed of the transposition positioner. Its strong adaptability is reflected in the flexible response to different length of the workpiece with an extended arm structure.

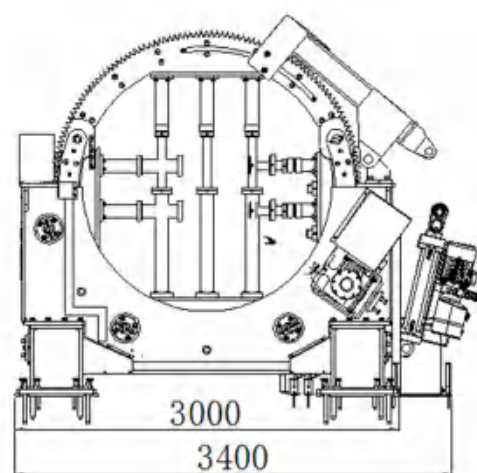
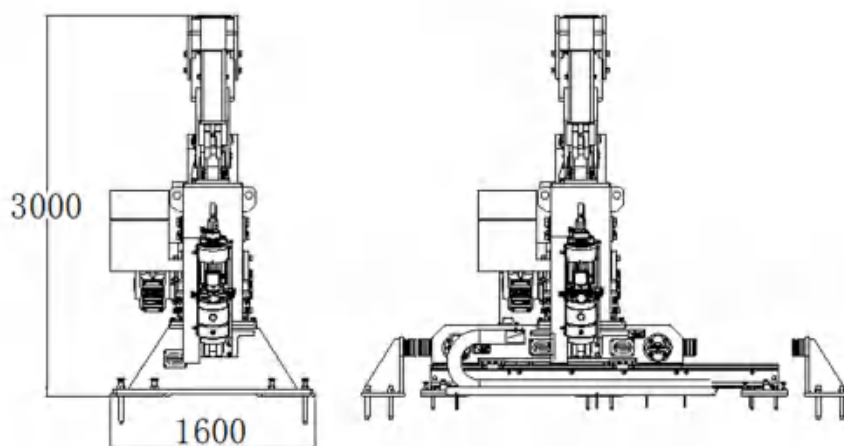
The head end of the indexing positioner is fixed, while the tail end can move along the X-axis under precise motor drive. This movement process can be uniformly programmed through an automatic control program. By inputting set values for different workpiece models, the tail end can automatically move to the corresponding position, significantly enhancing operational convenience and automation.

- The workpiece is adaptable
- Good welding accessibility
- High degree of automation
- Smooth operation, high safety

Efficient	Improve productivity An effective way to weld quality.
Easy to integrate	Easy to use with other products (Integration of robots, etc.)
Reliable products	For demanding processing Workshop environment design and manufacturing.

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