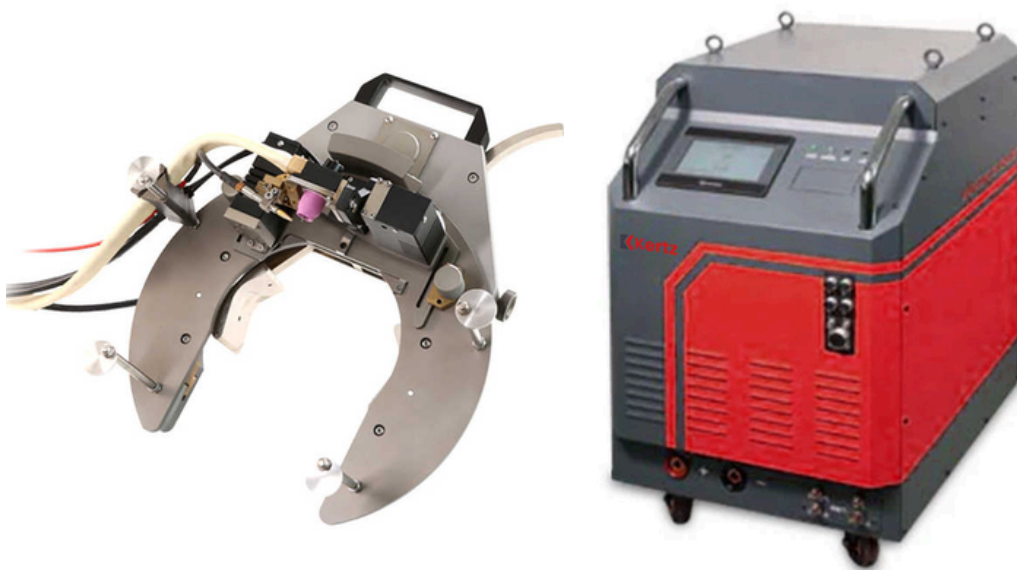




Orbital PIPE Welding - Open Head



Product Features

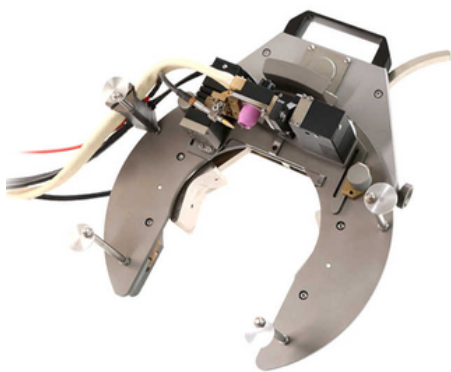
Orbital Pipe Welding Open Head

Our range of open welding heads allows you to make very high-quality welds in minimal space. On these heads, you will find a mechanical tracking system to keep a constant arc height.

The torch can tilt to weld at an angle. This type of machine can be used to weld carbon steel tubes. Open heads offer very wide welding possibilities thanks to the inclination of the torch and the addition of filler metal.

The clamping range is achieved without the addition of jaws. The tracking system is by roller so as not to scratch the tube. All the parts in contact with the tube are made of stainless steel so as not to contaminate it

1. Applicable materials: CS, SS, etc.
2. Application: pressure vessel, boiler pipeline, chemical oil pipeline, etc.
3. Features: wire feeder equipped, high-quality welds in minimal space allowed, perfect mechanical tracking system to keep constant arc height, easy to replace spare parts due to the standard modular design, perfect welding quality due to the speed measurement feedback which can ensure accurate and stable rotation of welding torch, welding requirement for pipe fittings of different sizes can be satisfied, stable and reliable operation, over-heat protection to ensure long-time operation, the adopted clamps can be adjusted according to the diameter, etc.
4. Protective gas: argon
5. Cooling method: circular water-cooling system
6. Welding mode: rotating non-winding all-position welding mode with automatic reset function.
7. Welded pipe fittings: straight pipe, three-way, elbow, chuck, reducer and other fittings, without opening the groove, self-fusion welding.
8. Power source: MWA-400
9. Applicable pipe specification: $\Phi 20-1325\text{mm}$, wall thickness: 2-10mm
10. Tungsten electrode specification: 2.4 mm - 3,2 mm

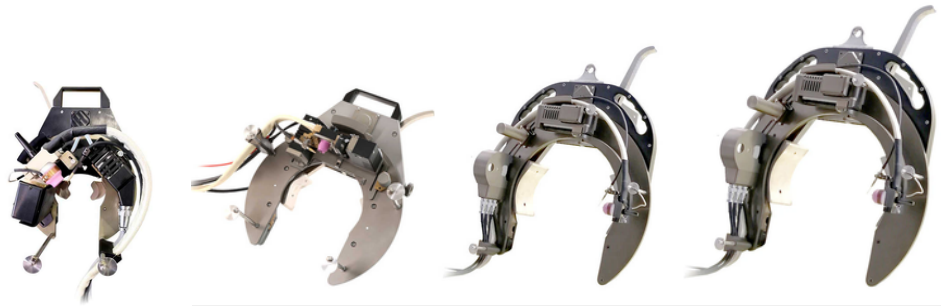


Welding Head



Power Source

SPECIFICATION

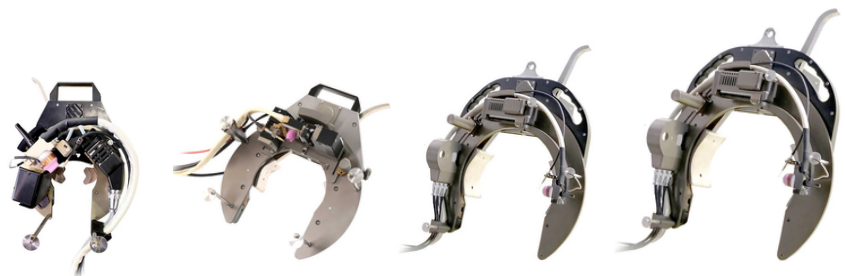


Model	KWOH-90	KWOH-170	KWOH-230	KWOH-325
Welding Diameter	20mm-89mm	63mm-168mm	130mm-230mm	159mm-325mm
Wall Thickness	1-10mm	2-10mm	2-10mm	2-10mm
Protective Gas	Argon	Argon	Argon	Argon
Cooling Method	Water cooling	Water cooling	Water cooling	Water cooling
Tungsten Diameter	2.4mm	2.4mm	2.4mm	2.4mm 3.2mm

KWPS-400



Power Source



For all Welding Head

SPECIFICATION

KWPS-400



Power Source

Input Voltage	380V ± 10% 50/60Hz
Utilization Factor	60% at 400A
Welding Current Range	4-400A
Protective Function	Oversvoltage protection, overcurrent protection, leakage protection, arc failure protection, tungsten short circuit protection and phase loss detection.
Suitable For	KWOH-90. KWOH-170. KWOH-230. KWOH-325.

MWA-400 programmable welding power source consists of the control system, inverter core, cooling water tank, etc. The equipment adopts a German Siemens PLC control system, EWM welding movement, Swiss Maxon motor, Omron relay, and other imported configurations. Precise control of various input and output signals. Using touch man-machine interface, fast switching between Chinese and English interfaces, color 10-inch touch screen, graphic and step interface design, easy to operate and easy to learn and meet the requirements of different venues. With functions such as parameter saving/printing, it can be operated with basic welding skills. Real-time monitoring of welding parameters such as current, voltage, and speed during the welding process to ensure the safety and efficiency of the welding process.

Kertz Indonesia

PT Optimum Niaga Eurasia
Maggiore Grande Blok G No.52
Gading Serpong, Tangerang, Banten 15332
www.kertz-machine.com