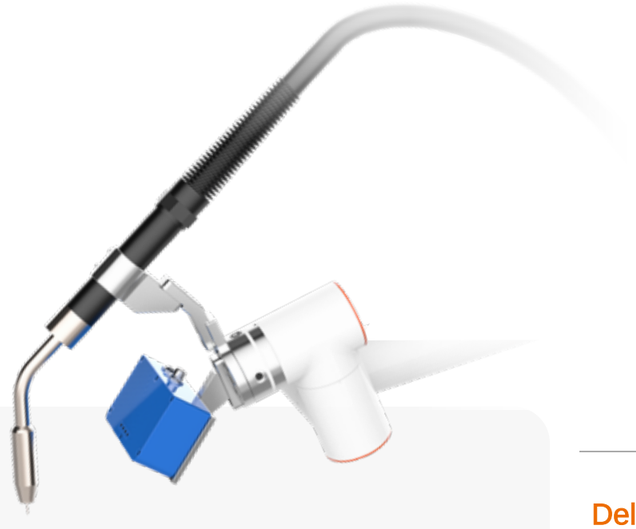
HEAVTH · ROBOT KIT

Intelligent Welding Workstation-One click of convenient welding

HEAVTH's digital welding process package supports multiple welding processes, fully meeting the welding needs of various scenarios. The programming free automatic welding platform developed by HEAVTH can automatically locate the weld seam position and conduct simulation rehearsals in advance to detect problems and avoid risks in a timely manner. During the welding process, real-time weld deviation compensation is performed to fully ensure the consistency and accuracy of the welding operation.



Composition of welding kit

Welding Parts

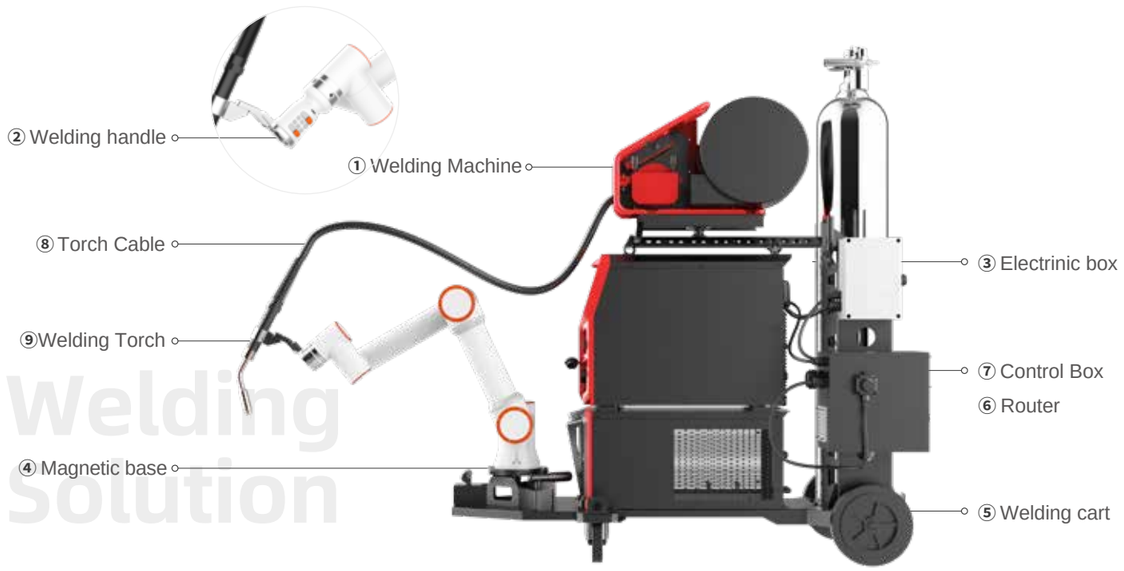
Products Name	Parameters
1. Welding Machine: Mig or Laser	Size: 1449*750*1098mm
2. Welding handle	Magnetic fixation allows for free movement
3. Electrinic box	Magnetic base size 382*331*121mm
4. Magnetic Base	The robot kit can move with the welding cart
5. Welding cart	Includes wire feeder that can rotate 360°
6. Router	
7. Control Box	
8. Torch Cable	
9. Welding Torch	

Visual Parts

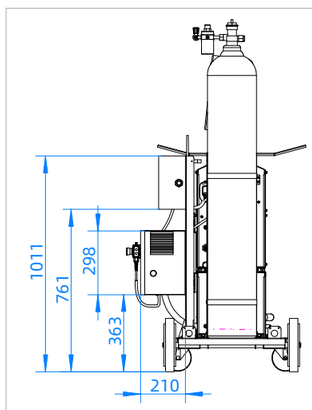
Products Name	Performance Parameter
1. Visual Camera	Work Distance: 350-800mm
2. IPC Industrial Computer	Near end field of view 270mm*200mm@ 350mm
3. IPC Graphic Card	Remote field of view 630mm*450mm@ 800mm
4. Visual Software	Resolving power 1440 * 1080
	Z-axis repeatability accuracy 0.08mm@ 500mm
	The fastest sampling time 0.8s

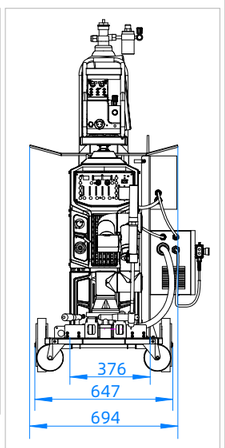
Delivery Time 25 working days

Certification Magnetic: GIG
Camera: SGS
Graphic Card: CE, UL, RHOS



Welding Solution





Technical drawings

Unit : mm

