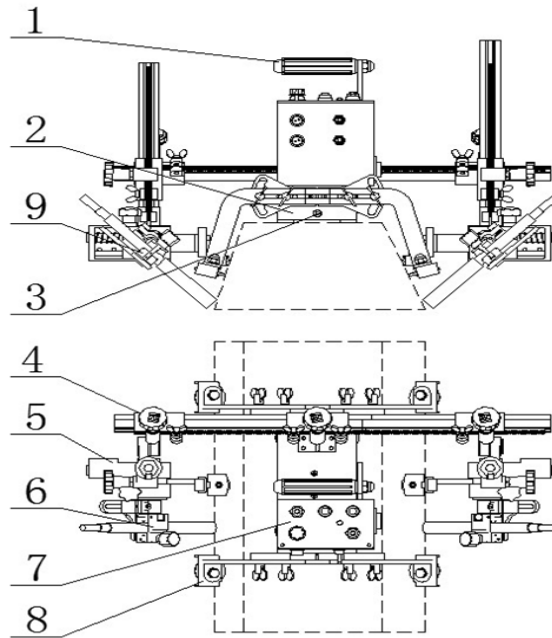


HK-8U

- Mainly used for welding of U-shaped materials during bridge or box girder making;
- Small size, light weight, and integrated body which is solid and durable.
- Low gravitational center design with built-in high strength magnet and the high temperature proof rubber wheel drive leads to stable running.
- The X-Y adjustment of the welding pistol is very convenient, and support synchronous welding of two welding pistols, and also single welding pistol.
- Can conduct welding in both left and right directions, with both ends installed with the route sensing switch, which can make the trolley stop automatically upon ending of welding.
- Possessing the function of arc welding, and improving the quality of welding line of arc.
- Can be widely applied to ship, bridge, enging, and steel structure work etc.

Model No.	Voltage	L*W*H	Up down	forward backward	work angle	process angle	speed	weight
HK-8U	220	680*350*450	60mm	10mm	360	10	0-1000	17.8
HK-8H	220	680*350*450	60mm	10mm	360	10	0-1000	17.8



HK-8U is made up of carriage body, control box, X-Y slide, torch gripper and guide wheel.

1) hand grip : Please hold this hand grip when you carry the machine.

2) carriage body : It is the carrier of drive unit, including motor, planet reducer and driving wheel.

3) Auto-stop switch

There are limit switches on both side of machine (Auto-stop switch).

4) cross handle: Rotate the handle to adjust the position of torch.

5) Floating device: It can float according to the deformation of workpiece to make sure the distance between torch and seam is same to make the seam fine.

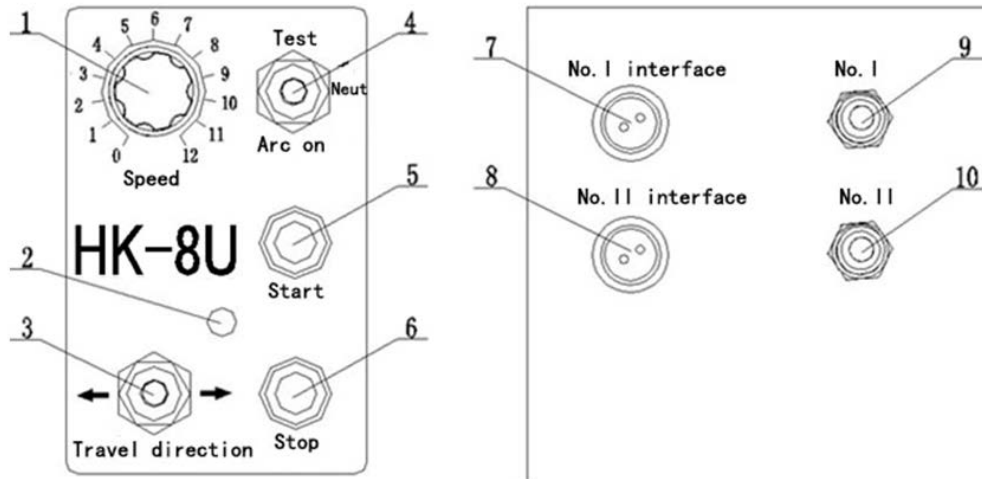
6) Fine-tune angle device: It is easy to align the torch to welding position by it.

7) Control box: It can adjust all actions of carriage. Please refer to "explanation of control panel".

8) Regulating wheel

9) Welding torch gripper: It is used to fix the torch. You can take down torch by it, when you want to repair or adjust the torch.

Control panel illustration



1) Speed control knob: Increase speed when you revolute clockwise, decrease speed when revolute anti-clockwise. Speed scale matches following speed chart: Adjust the welding speed according to welding specifications.

2) Power indicated lamp: When the power is on, the lamp is light.

3) Travel direction: The switch is used to control travel direction

4) Model select switch---there are three positions. The individual function is:

TEST : On this position, the feeder works. You can control arc starting/ retracting arc by your hands, then reset after release.

ARC ON : On this position, the normal welding begins. If you press down firing switch, the trolley starts to walk at the time of arc starting.

NEUT : On this position, if you press down start button, the trolley walks but the welding doesn't start.

5) Start button : Press down the button and the trolley begin to walk. The selector switch can control whether welding begins at the same time.

6) Stop button : Press down the button and the trolley stop walking. The selector switch can control whether the welding stops.

7/8) NO. I interface and NO. II interface

9/10) NO. I and NO. II is switch of the welding torch. If you need two welding torches to weld, you turn two switches on. If you only need one blowtorch to weld, you turn the corresponding switch.