



HK-6A HANDY MULTI FILLET Stitch Welding Tractor

TECHNICAL SPECIFICATION

1	Weight	6.9 Kg
2	Machine dimension	Four rubber rims driving
3	Speed control	16 Kg
4	Power source	150~1500 (mm/min)
5	Cutting speed	Guide wheel type
6	Cutting thickness	Three chooses
7	Adjusting scope of torch	Horizontal angle: 40°~55° Up /down moving: 45mm Front/rear moving: 45mm
8	Torch	Bended welding torch or straight welding torch
9	Locked equipment of torch	Suit for bended welding torch or straight welding torch
10	Needed welding length	Front-end:127mm; end:127mm
11	Self-stop function	By spacing parts of front-end and after end
12	Size(length*width*height)	260x260x264

KEY FEATURES

- Single Aluminium die cast body for better rigidity and stability.
- Magnetic switch for better traction and stable movement.
- Light weight and portable.
- External Power supply unit.



COMPONENT DETAILS

1) Torch Sliding Adjustment Block

Used to adjust the torch position up/down and front/rear.
Maximum adjustment distance: 45 mm.

2) Torch Locking Device

Secures the torch firmly in position.
Always ensure the torch is properly locked before operation.

3) Control Wheel and Arm

Used to guide and control the movement of the machine.

4) Self-Stop Switch

Automatically stops the machine when required.

5) Operating Panel

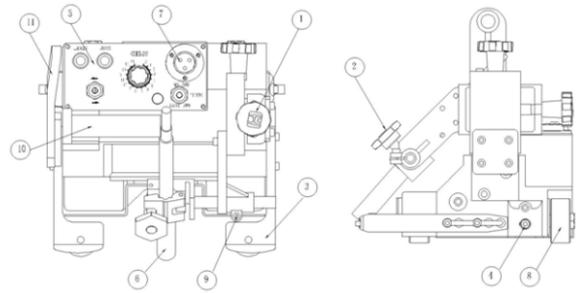
Main control panel for speed, direction, and machine operation settings.

6) Torch

Produces the welding or cutting arc.

7) External Metal Plug

Power connection plug.
Connects the trolley to the feeder and power supply.
(Two branches: one for feeder, one for power.)



8) Propelling Wheel

Drives the machine forward along the guide path.

9) Torch Angle Adjusting Spindle

Loosen the screw to adjust the torch angle.
Adjustment range: 40°–55°.

10) Lifting Handle

Used to lift and carry the machine.

11) Magnetic Handle

Controls the magnet function.
Up position: Magnet released (declutched)
Down position: Magnet engaged (combined)

OPERATIONAL PANEL

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

2) **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.

scale	speed (mm/min)	scale	speed (mm/min)
3	200	9	970
4	330	10	1080
5	460	11	1180
6	590	12	1280
7	720	13	1380
8	850	14	1480

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

4) **Walking guide and power switch:** The switch is used to control welding guide and power.

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) **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.

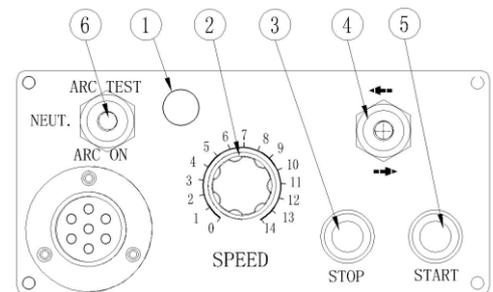


Diagram 4: Operation panel

Layout		
1	body	1set
2	control wire	1set
3	special torch(fitting parts)	(purchase)
4	fuse(1A)	1pc
5	hexangular screw(M5/M6)	each 1set
6	manual	1pc
7	certificate of qualification	1pc
8	maintenance bill	1pc

Note: Continuous design and development entitle us to upgrade / update / modify specifications without further notice.