



H Beam Welding Machine



JINFENG WELDCUT is a professional China manufacturer and supplier of H beam welding machines with affordable price. The H beam welding machines are high performance machines to execute the submerged arc welding on full length of the H beam. It can do single arc or tandem arc welding as per the needed of customers.

MZG / DMM H beam welding machines

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Specifications

Model	MZG40	MZG50	MZG60	DMM50	DMM60	XMH14
Rail span (mm)	4000	5000	6000	5000	6000	1400
Rail length (mm)	20000					
Structure	Gantry type					Cantilever
Welding head	2 welding heads					1 head
Welding type	Submerged arc welding					
Workpiece type	Welding H beam			H beam and box-beam		H beam
Flange width(mm)	200-800	200-800	200-800	200-800	200-800	200-800
Web height (mm)	200-1500	200-1800	200-2500	200-1800	200-2500	>200
Box beam (mm)	/	/	/	300-1200	300-1500	/
Beams length	4000-15000mm					
Flux recovery unit	2 units per gantry					1 unit
Welding power source	2 units for single arc welding,					1 unit
	4 units for tandem arc welding: 2unit of DC, 2 units of AC					2 units

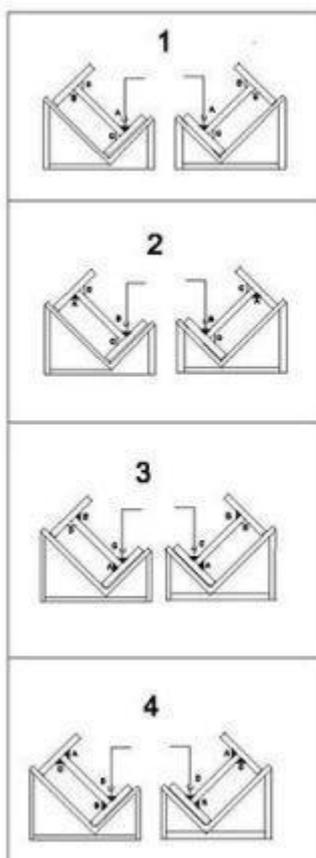


Feature And Application

H beam welding machines are designed and manufactured by our company according to the need of market, on the basis of absorbing the advantage of similar machine. This machine is mainly used for the H-beam welding. The machine has the advantages of compact and delicate structure, easy operation, high automatic, reliable working etc, which is widely applied to building construction, steel structure, machinery manufacture etc. It has the following good advantages:

- 1.1 The machine can do two way direction welding to reduce the unload traveling time to increase the welding efficiency.
- 1.2 Equipped with heavy duty welding seam tracing device to ensure the welding seam quality is more equal and smooth.
- 1.3 High efficiency of flux recovery system to separate and recover the flux for recycling usage.
- 1.4 High automation, reliable working, simple structure, convenient in operation and maintenance.
- 1.5 Cable management in longitudinal is in cable carrier. SAW Welder is connected with welding table via large section size cable directly to increase greatly the welding quality.

Submerged arc welding



1. use overhead crane to H beam that after spot-welding and put on the welding table as picture show. Then submerged arc welding on the A position of H beam, full welding.

2. then use overhead crane to lift H beam that after A position welding finished, and turn the H-beam and put the H beam at the position as picture 2. then SAW welding on position B.

3. use overhead crane to lift H beam that after B position welding finished, and turn the H-beam and put the H beam at the position as Picture 3. Then SAW welding on position C.

4. use overhead crane to lift H-beam that after C position welding finished, and turn the H-beam and put the H-beam at the position as Picture 4 showed. Then SAW welding on position D.



Details

To load the H-beam that need submerged arc welding on the welding table of **H beam welding machines**. Then operate on the control box in the middle of girder beam and assistant with some manual adjustment, to adjust the whole machine, welding arms, welding seam tracing device and welding torch etc to the welding starting point, then to start on separately the flux feeding, flux recovery system, welding power source and machine structure longitudinal movement, thus can realize the automatic welding on the H-beam. Because all the welding data is center controlled on the control box panel, it is very convenient for operation to do any adjustment on welding current, welding voltage and welding speed on the welding power source easily. The flux feeding pipe and recovery pipe position can be easily exchanged the position then can realize the two-way welding on the H-beam.

Structure view



H beam welding machines in Gantry type MZG



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H beam welding machines in T type TMH14

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H beam welding machines in T Cantilever type TMH14

H-beam welding machines installed in Users' factory

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