



## H Beam Assembling Machine

JINFENG WELDCUT is a professional China manufacturer and supplier of H beam assembling machines with affordable price. The H beam assembling machines are high performance machines to execute the tack welding / spot welding to assembling the 2 flanges and 1 web in H shape with CO2/MAG welding technology.



### HG / ZHG H beam assembling machine

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For all the **H beam assembling machines** that manufactured by JINFENG WELDCUT will have 2 years warranty, and which are Equipped with input roller table , output roller table, Hydraulic station. It can carry out automatic spot welding to assembly the H beam. The HG/ ZHG **H beam assembling machines** are the highest efficiency machine to increase the productivity for End-users from steel structure, bridge, construction.

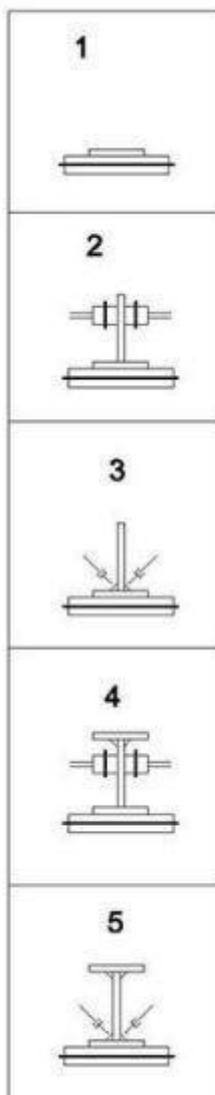
### Specifications

Model	HG1800	HG2000	ZHG1800	ZHG2000	ZHG2500	ZHG3200
Flange width(mm)	200-800	200-800	200-800	200-800	200-1000	200-1200
Web height (mm)	200-1800	200-2000	200-1800	200-2000	200-2500	200-3200
H-beam length	4000-15000mm					
Input roller table	12000mm					
Output roller table	12000mm					
Hydraulic station	1 unit					
Assembling speed	0.5-5.5 m/min (step less)					
Control	AC inverter speed adjustment					
Center alignment	Hydraulic +mechanism					
CO2/MAG welders	2 untis					



## Feature And Application

H-beam assembling machines is the main equipment to assemble H-Beam steel structure, which fits with several mechanical hands to realize the positioning and clamping of steel plate. It equipped with Hydraulic, pneumatic elements, transducer etc then can automatic, to assemble the T beam or H beam with high efficiency and accuracy. It has the simple operation and high automatic operation. It is mainly applied to tapered beam and straight beam assembling.



## tack-welding/ assembling

1. use overhead crane to lift a piece of flange, put on HG1500 assembling machine from the input roller side

2. then use overhead crane to lift a web, put on the 1st flange from input roller side. operate HG1500 to clamp and press to make the web and flange center-alignment automaticly

3. spot-welding to joint the web and flange to be T-beam from input roller side, and outlet on output roller side

4. use overhead crane to lift 2nd piece of flange on the HG1500 assembling machine from input roller side. then use overhead crane to lift the welded T-beam and put on the 2nd piece. operater the HG1500 to clamp and press to make the web and flange center-alignment automaticly.

5 spot-welding to joint the web of T-beam and flange to be H-beam from input roller side, and outlet on output roller side

## Details



[www.jinfengweldcut.com](http://www.jinfengweldcut.com)

The H-beam assembling machines consists of input roller with center alignment device, output roller, main machine, hydraulic system, electric control box etc. The main machine consists of left/right column, flange and web clamping device, gantry structure, top pressing device, pressing wheel device, welding torches, roller transmission device etc.



Structure view

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**ZHG H beam assembling machine- Heavy duty**

H-beam assembling machines installed in Users' factory

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