

Automatic H-Beam Assembly System

This automatic H-beam assembly machine is designed for efficient and precise fabrication. The machine automates H-beam component assembly, ensuring consistent quality and high production rates.



Overview

High-Efficiency Assembly

The Automatic H-Beam Assembly System is designed for the streamlined fabrication of structural steel components. It automates the critical processes of clamping and aligning the web and flange, ensuring consistent quality and high production rates. With robust construction and advanced PLC-controlled tack-welding, this machine provides a reliable solution for heavy-duty applications like bridge construction and structural steel fabrication.

Technical Specifications

Drive System	A.C. Inverter
Control System	PLC (Programmable Logic Controller)
Alignment Mechanism	Four-rail guided upper press-beam

Features

Key Capabilities	Automatic Clamping, Automatic Alignment, Automatic Tack-Welding
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Application

Target Industries

Structural Steel Fabrication • Bridge Construction • Heavy-Duty Manufacturing