

H-Beam Assembly and Flange Straightening Machine

The H-beam assembling machine aligns and joins the web and flanges of H-beams to ensure structural integrity. The flange straightening machine corrects distortions in H-beam flanges, ensuring they meet required specifications.



ADDITIONAL IMAGES



Overview

Precision H-Beam Fabrication

This specialized assembly and straightening machine is designed for the efficient production of structural H-beams. It combines automated web plate and flange alignment with integrated tack-welding capabilities to ensure structural integrity. Additionally, the system features a robust hydraulic straightening mechanism to correct angle distortions, ensuring high-quality, dimensionally accurate beams suitable for demanding construction and engineering projects.

Certifications

Compliance & Certifications

CE, ISO 9001-2000, SGS, UKAS

Technical Features

Core Components

- Alignment system
- Conveyor rolls
- Hydraulic system
- Electrical control system
- Upper pinch rollers (two or four groups)

Straightening Method

Hydraulic

Operational Capabilities

Primary Functions

Web & Flange Alignment • Automatic Tack-Welding • Angle Distortion Correction

Customization

Manufacturing Flexibility

Yes