

Box Beam Production Line

The box-beam production line is a specialized system for manufacturing box beams used in large bridge and tall building construction. This production line automates workpiece feeding, partition making, box assembling, backing welding, electroslag welding, submerged welding, and face cutting.



ADDITIONAL IMAGES



Overview

High-Efficiency Box Beam Fabrication

This specialized box-beam production line is engineered for the automated manufacturing of structural components used in large bridges and tall buildings. The system integrates multiple critical processes, including material feeding, partition making, box assembling, and various welding techniques such as electroslag and submerged welding. Designed for reliability and high-volume output, it offers a complete configuration that streamlines the entire fabrication workflow.

Technical Parameters

Max Cross-Section	1200 mm
Min Cross-Section	300 mm
Work-piece Length	4000 - 15000 mm
Work-piece Thickness	20 - 80 mm

Performance

Max Yearly Output

20000 t

Output Capacity

Process Capabilities

Integrated Processes

- Work-piece feeding
- Partition making
- Box assembling
- Backing welding
- Electroslag welding
- Submerged welding
- Face cutting