

Steel Structure Building Machine

This steel structure building machine is designed for on-site fabrication of arched buildings. It forms and assembles steel panels into self-supporting structures, streamlining the construction process.



ADDITIONAL IMAGES



Overview

Mobile On-Site Building Solution

This advanced cold bending forming machine functions as a mobile factory, enabling the on-site production of steel structure buildings directly from steel coils. By integrating forming, bending, and cutting processes into a single production line, it eliminates the need for external panel manufacturing. The system utilizes a patented electric seaming process to create waterproof connections without the need for bolts or fasteners, significantly accelerating construction times while reducing labor costs.

Technical Specifications

Performance Improvements

80 %

Labor Cost Reduction

70 %

Working Speed Increase

Available Machine Configurations

Model	Feeding Width (mm)	Thickness (mm)	Max Span (m)
SX-600-305	600	0.6-1.5	d26/18
SX-625-330	625	0.6-1.5	d26/18
SX-914-610	914	0.8-1.5	d36/20
SX-1000-400	1000	0.8-1.5	d40/28
SX-1000-550	1000	0.8-1.5	d36/20
SX-1000-630	1000	0.8-1.5	d38/22
SX-1000-680	1000	0.8-1.5	d30/15
SX-1250-500	1250	0.8-1.5	d45/30

Patent Certification

ZL 201010569504.7

Equipment Generation

Third Generation Upgrade, Single-step Production