

Curved Roof Panel Roll Forming Machine

This roll forming machine is engineered for the efficient creation of curved roof panels. Its robust design and advanced technology ensure consistent performance and high-quality output.



Overview

High-Efficiency Curved Roof Panel Production

This advanced roll forming machine is engineered for the precise production of curved roof panels, ideal for large-scale construction projects. Featuring robust construction with high-quality steel components and an automated PLC control system, it ensures consistent, high-quality output. The machine offers versatile processing capabilities, including adjustable bending and cutting, making it a reliable solution for durable and aesthetically pleasing roofing requirements.

Technical Specifications

Machine Dimensions	9300mm x 2270mm x 2400mm
Total Weight	12000 kg

Performance Metrics

Production Speeds

15 m/min
Straight Sheet

13 m/min
Arch Sheet

10 m/min
Sewing

Maximum Span	22 m
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Material Processing

Coil Specifications

Parameter	Value
Feeding Width	914mm
Effective Width	700mm
Coil Thickness	0.6-1.6mm
Groove Depth	203mm

Power & Control

Power Consumption

- Forming Power: 7.5kw
- Bending Power: 4.0kw + 1.1kw + 1.1kw
- Cutting Power: 3.0kw

Control System	Siemens PLC
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Construction & Quality

Component Materials

Component	Material
Rollers	45# Steel (Quenched HRC 58-62)
Roller Shafts	45# Steel
Cutting Blade	Cr12 Steel

Roller Steps

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