

Mobile Curving Roof Roll Forming Machine

This trailer-mounted machine produces curved roofing panels. Hydraulic leveling jacks provide stability for on-site production.



Overview

Mobile Curving Roof Roll Forming Solution

This mobile roll forming machine is engineered for the on-site production of curved roofing panels, offering high versatility for large construction projects. Featuring a robust PLC-controlled system and high-quality hardened steel rollers, it ensures precision and durability for various sheet thicknesses. Its efficient design allows for rapid setup and high-speed operation, making it an ideal choice for professional roofing contractors.

Physical Specifications

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

Performance & Capabilities

Working Speeds

15 m/min

Straight Sheet

13 m/min

Arch Sheet

10 m/min

Sewing

Forming Power	7.5 kw
Bending Power	4.0kw + 1.1kw + 1.1kw
Cutting Power	3 kw

Technical Specifications

Material Specifications

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

Panel Specifications

Panel Dimensions

- Feeding Width: 914mm
- Effective Width: 610mm
- Groove Depth: 203mm
- Max Span: 38m

Coil Thickness

0.6-1.6mm

Features

Key Features

Hardened Chromium-Plated Rollers, Automatic Thickness Adjustment, Electronic/Mechanical Measurement, Portable Hoisting Tool