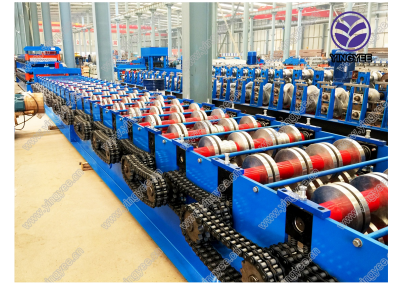


Floor Deck Profile Roll Forming Machine

This floor deck profile roll forming machine produces precise corrugated profiles for steel framing. It shapes metal sheets using a series of rollers, ensuring consistent quality.



ADDITIONAL IMAGES



Overview

High-Efficiency Floor Decking Production

This Floor Deck Profile Roll Forming Machine is engineered for the high-volume production of durable floor decking profiles used in modern construction applications. Featuring a robust construction with 28-32 forming stations, it ensures consistent and accurate shaping of metal sheets ranging from 0.8mm to 1.5mm. The system integrates automated feeding, precise roll forming, and an automatic cutting mechanism to deliver high-quality, reliable output for large-scale infrastructure projects.

Technical Specifications

Performance Metrics

22 kw

Power

8 m/min

Forming Speed

30 avg

Roll Stations

Material Specifications

Parameter	Specification
Compatible Material	Colored armor plate (Q195-235)
Material Thickness	0.8 - 1.5 mm
Max De-coiler Width	1250 mm
Max De-coiler Weight	5 T

Mechanical Construction

- Shaft Material: 45# steel
- Shaft Diameter: 85 mm
- Drive System: Chain driven
- Forming Roller Material: 45# steel (heat treated and chromed)

Control & Cutting

Cutting Mechanism

- Blade Material: Cr12
- Blade Hardness: HRC 58-62
- Operation: Automatic stop-cut-start cycle
- Length Measuring: Automatic
- Length Tolerance: 10 +/- 1.5 mm

System Automation

PLC Control, Automatic Length Measuring, Automatic Cutting Cycle