

Floor Deck Roll Forming Machine

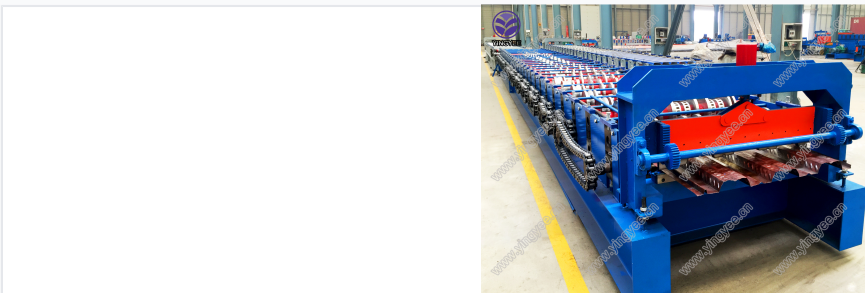
This floor deck roll forming machine efficiently produces metal floor decking. The machine creates durable and load-bearing floor decks with enhanced structural integrity for various construction applications.



ADDITIONAL IMAGES



Overview

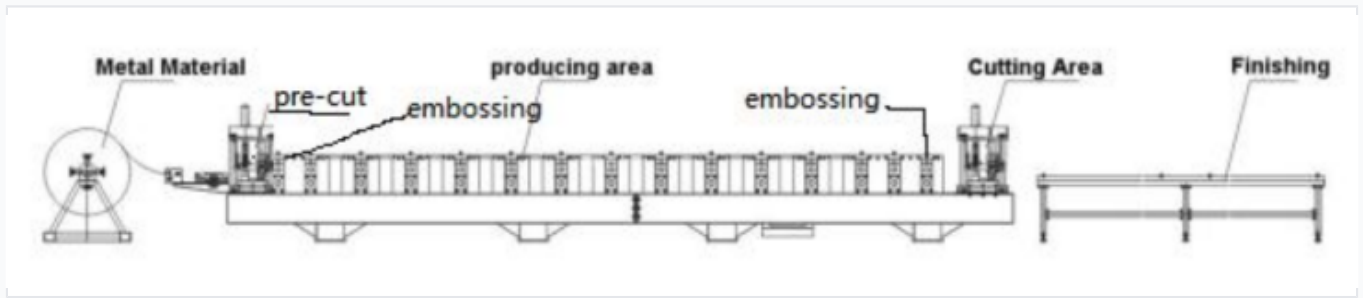


Robust machine construction designed for high-volume manufacturing environments.

High-Efficiency Floor Deck Production

This industrial-grade floor deck roll forming machine is engineered for the continuous and precise production of metal floor decking profiles. Featuring a robust steel frame and an automated PLC control system, the machine ensures consistent output quality for construction and infrastructure projects. It is designed to handle material thicknesses up to 1.5mm, providing reliable, high-volume manufacturing capabilities.

Technical Specifications



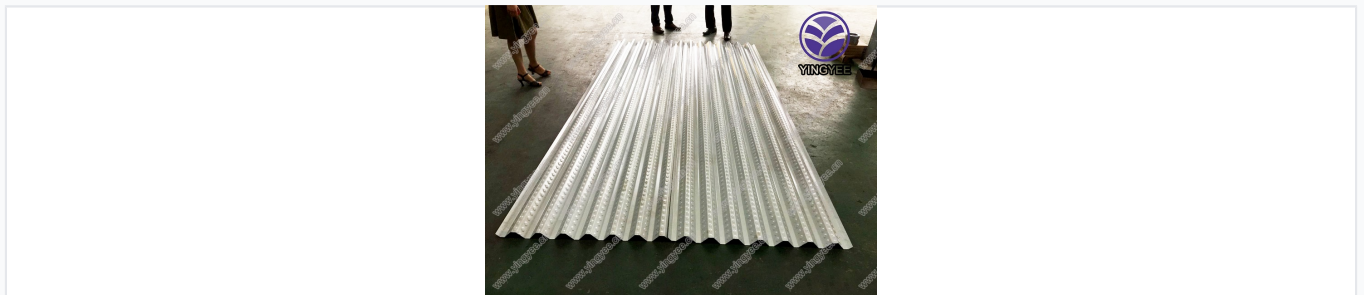
The automated production workflow: from coil input to embossing, cutting, and finishing.

Motor Power	22 kW
Forming Speed	8 m/min
Roll Stations	30
Drive System	Chain driven

Material Capabilities

Compatible Materials	Colored armor plate, Q195-235 steel
Material Thickness	0.8 - 1.2mm (Max 1.5mm)
Max Input Width	1250 mm
De-coiler Capacity	5 T

Construction Components



Precision-engineered rollers and hydraulic cutting station ensure consistent profile accuracy.

Shaft Specifications

Component	Material/Detail
Shaft Material	45# Steel
Shaft Diameter	85mm
Roller Material	45# Steel (Heat treated & chromed)
Blade Material	Cr12 (HRC58-62)

Precision & Control

Control System

PLC Controlled • Automatic Length Measuring

Forming Tolerance	+/- 1.5mm
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