

Floor Decking Panel Forming Machine

This floor decking panel forming machine produces high-quality metal sheets for building construction. It features a manual uncoiler, guiding platform, main machine of roll forming, electro-motor, cutting device, hydraulic station, PLC control, and supporter table.



ADDITIONAL IMAGES



Overview

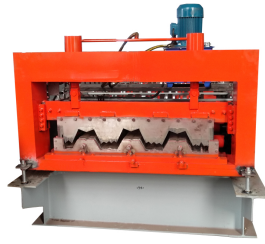


Robust construction engineered for high-volume production and consistent quality in industrial environments.

High-Efficiency Floor Decking Production

This industrial-grade roll forming machine is designed for the high-volume, precision manufacturing of floor decking panels. Built with a robust 400mm H-beam frame and advanced NC-PLC control systems, it ensures consistent profile accuracy and durability for demanding construction applications. The system automates the entire process from uncoiling to cutting, delivering reliable performance and structural integrity for metal building components.

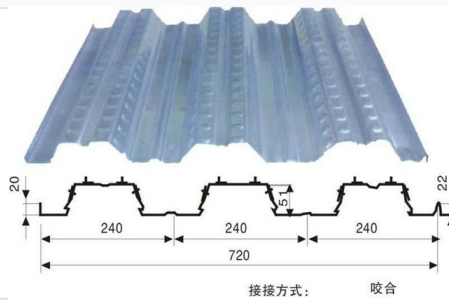
Technical Specifications



The machine features a series of rollers and forming dies designed to gradually shape the metal sheet into precise floor decking profiles.

Main Power	18.5 kw
Hydraulic Pump Power	5.5 kw
Forming Speed	10 m/min
Roll Stations	24 stands
Shaft Diameter	90 mm
Hydraulic Pressure	13-16MPa
Power Supply	380V, 3-Phase, 50Hz

Product Dimensions & Capacity



The produced floor decking panel features a 720mm width and specific corrugated profile dimensions for structural strength.

Feeding Width	1000 mm
Effective Width	720 mm
Feeding Thickness	0.8-1.3mm
Overall Dimensions	14000x2000x1550mm
Total Weight	14 T

Components & Materials

Main Frame	400mm H-Beam
Cutter Material Standard	Cr12
Roller Finish	45# Steel, Chrome Plated (0.05mm)

Features



Equipped with an automated cutting mechanism and a user-friendly control interface for precise operation.

Included Components

- Manual Uncoiler
- Guiding Platform
- Main Roll Forming Machine
- Electro-Motor
- Cutting Device
- Hydraulic Station
- PLC Control System
- Supporter Table

Control System

NC-PLC with Colored Touch Screen