

Stainless Steel Downpipe and Decking Roll Forming Machine

This machine is a rolling mill for forming stainless steel downpipes and decking. It shapes the metal into the desired profiles for drainage systems and structural applications.



ADDITIONAL IMAGES



Overview



Complete workflow from decoiler to roll forming and outfeed conveyor.

High-Precision Downpipe & Decking Production

This industrial roll forming machine is engineered for the efficient production of stainless steel downpipes and decking profiles. It features a robust linear arrangement of 12 forming stations that gradually shape metal sheets with high precision. Equipped with a PLC-controlled flying saw cutting system and a powerful hydraulic unit, it ensures consistent quality for high-volume manufacturing environments.

Technical Performance



Precision-engineered roller stations designed for consistent profile shaping.

Performance Highlights

15 m/min

Max Working Speed

12 rows

Forming Stations

5.5 kW

Main Motor Power

5 T

Loading Capacity

Drive System

Chain-driven system for synchronized roller movement

Material Specifications

Material Compatibility

Parameter	Specification
Feeding Thickness	0.3 - 1.0 mm
Steel Coil Width	1300 mm
Max Outer Diameter	1250 mm
Inner Diameter	500 - 508 mm
Compatible Materials	Stainless steel, Galvanized steel, Aluminum

Control System



Industrial-grade electrical enclosure and control panel for safe operation.

Automation & Software

- PLC computer control system for automated operation
- Programmable setting for profile length and quantity
- Dual operation modes: Automatic and Manual
- Multi-language support: English, Chinese, Spanish, Russian

Mechanical Components



The machine features a robust blue frame and integrated hydraulic flying saw for precise cutting.

Engineering Details

Component	Material / Specification
Roller Material	High grade No.45 forged steel
Cutting Blade	Cr12Mov with quenched treatment
Cutting Mechanism	Flying Saws with hydraulic drive
Hydraulic Power	4.0 kW
Hydraulic Oil	46#
Working Pressure	12-16 Mpa (Adjustable)

Logistics & Delivery

Packaging & Lead Time

- Main machine: Nude/unpacked for container loading
- Computer control box: Packed in protective wooden frame
- Standard delivery time: 20 days