

Stainless Steel Downpipe and Decking Forming Machine

This machine forms stainless steel into downpipes and decking profiles. It utilizes a rolling mill process to ensure consistent dimensions and high precision.



ADDITIONAL IMAGES



Product Overview



High-efficiency rolling mill designed for precision downpipe and decking production.

High-Precision Downpipe and Decking Formation

This industrial-grade roll forming machine is engineered for the high-volume production of stainless steel downpipes and decking profiles. It features a robust multi-station roller system and an integrated flying saw cutting unit to ensure consistent dimensions and clean finishes. Designed for durability and ease of use, the system incorporates advanced PLC controls and a versatile hydraulic drive, making it an essential solution for manufacturing construction and drainage components.

Applications

Stainless Steel, Downpipe Forming, Decking Profiles, Industrial Construction, Metal Fabrication

Technical Performance

Key Performance Metrics

15 m/min

Max Working Speed

5 T

Uncoiler Capacity

12 rows

Roller Stations

Material Specifications

Material Capabilities

Parameter	Specification
Feeding Thickness	0.3 - 1.0 mm
Steel Coil Width	1300 mm
Coil Inner Diameter	500 - 508 mm
Max Outer Diameter	1250 mm

Control & Automation



Industrial control interface and safety features for reliable operation.

Control System Features

- PLC Computer Control System
- Programmable length and quantity settings
- Dual operation modes: Automatic and Manual
- Multi-language support: English, Chinese, Spanish, Russian
- Easy-to-operate interface

Mechanical Components



Complete forming line including feeding mechanism, rolling stations, and cutting unit.



Integrated precision cutting saw for accurate length control during high-volume runs.



Synchronized chain-driven roller system ensures smooth material feeding and consistent shaping.

Component Details

Component	Material / Specification
Roller Material	High grade No.45 forged steel
Cutting Blade	Cr12Mov with quenched treatment
Main Motor	5.5KW AC Motor
Hydraulic Power	4KW
Hydraulic Oil	46# hydraulic oil

Hydraulic System



Multi-station forming section capable of processing various material thicknesses.

Hydraulic Parameters

Feature	Value
Working Pressure	12-16 Mpa (Adjustable)
Solenoid Valve	1 Group
Drive Type	Hydraulic Drive

Logistics & Packaging

Shipping Details

- Main machine shipped nude in container
- Computer control box protected by wooden frame/packaging
- Standard delivery time: 20 days