

# 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