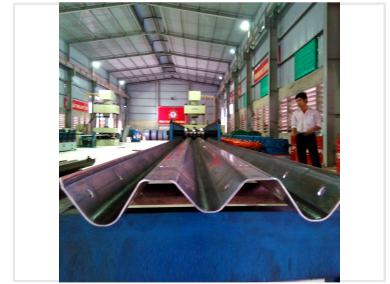
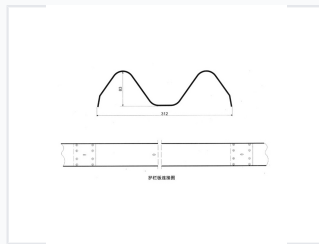
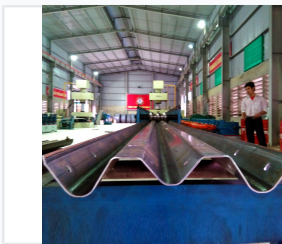


# Highway Guardrail Roll Forming Machine for Steel Profiles and Roof Sheets

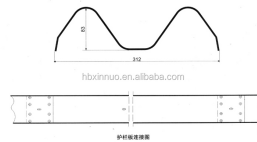
This roll forming machine efficiently produces highway guardrails, steel profiles, and roof sheets. It utilizes a series of rollers to gradually shape the metal into the desired profile.



## ADDITIONAL IMAGES



## Overview



Technical profile diagram showing the wave structure, connection points, and standard dimensions (83mm height, 312mm width).

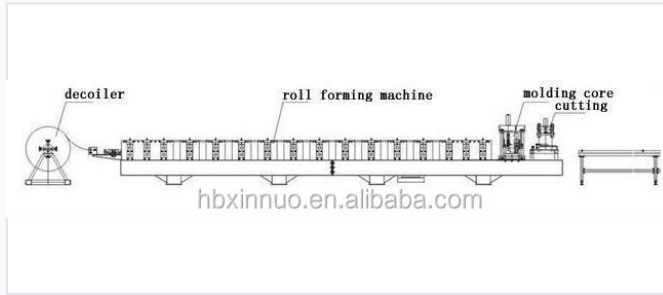
## High-Efficiency Roll Forming Solution

This industrial roll forming machine is engineered for the high-volume production of highway guardrails, profile steel, and roof sheets. It utilizes a series of precision-engineered rollers to gradually shape metal into desired profiles with high consistency and dimensional accuracy. Designed for durability and minimal material waste, the system features automated feeding and cutting mechanisms to streamline manufacturing and reduce labor costs.

## Technical Specifications

Main Motor Power	18.5 KW
Hydraulic Station Power	11 KW
Processing Speed	8 m/min
Number of Roller Stations	16
Principal Axis Diameter	95 MM
Yield Strength	32 MPa

## Machine Components



The machine assembly features a decoiler for material feeding, a multi-station roll forming section, and a precise hydraulic cutting mechanism.

Precision-engineered forming rollers ensure accurate profile shaping and minimal material stress during high-volume production.

<b>Roller Material</b>	45# steel with hard chrome plating
<b>Hydraulic Oil Pump Model</b>	CB-E310
<b>Sprocket Specification</b>	P-50.8

## Application & Features



Complete production line configuration including the decoiler, leveling system, and run-out table for streamlined manufacturing.

### System Components

- Decoiler
- Leveling System
- Forming Stations
- Hydraulic Cutting System
- Run-out Table
- Control Panel

<b>Primary Applications</b>	Highway Guardrails, Profile Steel, Roof Sheets
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