

Highway Guardrail Roll Forming Machine for W-Beams and Crash Barriers

This roll forming machine is engineered for the efficient production of highway guardrails, W-beams, and crash barriers. Its automated operation and adjustable parameters ensure high-quality output and flexibility for various production needs.



ADDITIONAL IMAGES



Overview

High-Efficiency Guardrail Production

This highway guardrail roll forming machine is engineered for the high-volume production of W-beam crash barriers. It features a comprehensive, automated system including decoiling, leveling, punching, and precision roll forming to ensure consistent quality. Designed for durability and industrial performance, it utilizes advanced PLC controls to streamline operations and optimize material usage for infrastructure projects.

Technical Specifications

Performance Metrics

22 kw Main Motor Power	11 kw Hydraulic Station Power	12 m/min Max Forming Speed	20 mpa Hydraulic Pressure
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Material Capabilities

Parameter	Specification
Feed Width	480mm
Forming Thickness	2.0 - 3.2mm
Material Type	Q235 galvanized steel strip

Construction Details

- 17 Roll forming stations
- GCr15 bearing steel rollers with quenched treatment
- Cr12 mould steel cutter blades with quenched treatment
- Total weight: Approx. 25 Ton

System Components

System Components	Decoiler, Levelling System, Punching System, Coil Feeding Machine, Guide, Roll Forming Machine, Cutting System, Collecting Platform, PLC Controlling System
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