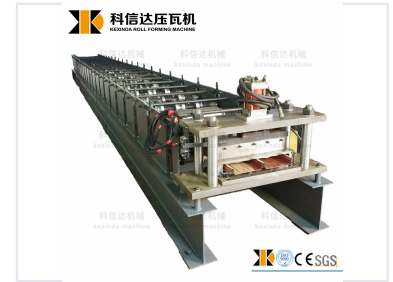
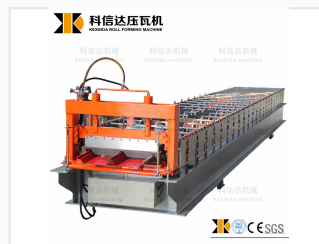


Join-Hidden Panel Roll Forming Machine

This roll forming machine produces panels with concealed joints for roofing and wall cladding. The machine features a robust construction and an integrated cutting system for precise panel length control.



ADDITIONAL IMAGES



Overview

High-Efficiency Join-Hidden Panel Production

This automatic roll forming machine is engineered for the precise and efficient manufacture of join-hidden panels, commonly used in modern roofing and architectural wall cladding. Featuring a robust steel frame and a multi-station roller system, the machine ensures consistent dimensional accuracy and high-quality output. The system includes an integrated hydraulic cutting mechanism and advanced PLC controls, making it an ideal solution for high-volume production environments requiring reliable, seamless panel joining.

Technical Specifications

Production Speed

8 m/min

Min Speed

12 m/min

Max Speed

Power Requirements

- Voltage: 380V
- Frequency: 50Hz
- Phases: 3-Phase
- Main Motor Power: 3kW
- Hydraulic Pump Power: 3kW

Construction Details

| Component | Specification |
|----------------------|-------------------------|
| Roller Stands | 17 rows |
| Side Panel Thickness | 14mm |
| Main Frame | 350H Steel |
| Roller Material | Carbon Steel 45# |
| Blade Material | Cr12 (Quenched 60-62°C) |

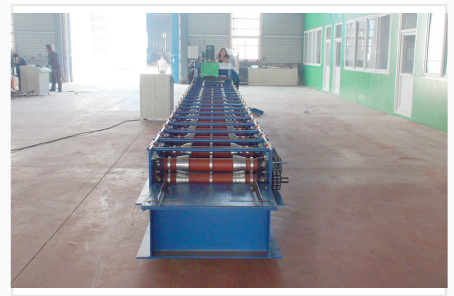
Machine Construction



Robust machine construction with multiple forming stations for precise profile shaping.



The forming section features a hydraulic cutting system for efficient and clean panel separation.



Complete production line setup including uncoiler and sequential forming stations.

Included Components

Manual Decoiler, Main Forming Machine, Post Cut System, Hydraulic System, PLC Control Unit, Stacking System

Control System



Integrated PLC control system with intuitive interface for parameter adjustments and operation.

Control System

PLC Control (Compatible with Mitsubishi/Delta/Others)