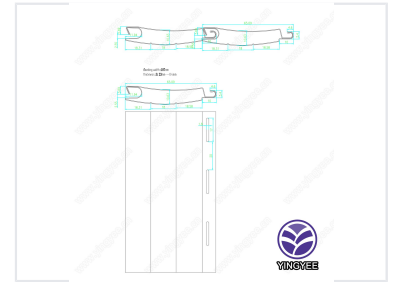


PU Roller Shutter Door Roll Forming Machine

This PU roller shutter door roll forming machine is designed for efficient and precise production of roller shutter doors. It features multiple forming stations to ensure consistent and accurate shaping of metal profiles.



ADDITIONAL IMAGES



Overview

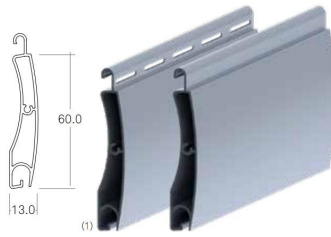
High-Efficiency PU Roller Shutter Production

This automated roll forming machine is engineered for the high-volume, precise manufacturing of PU-insulated roller shutter doors. The integrated production line streamlines the process from decoiling and material feeding through to PU injection, forming, precision punching, and flying saw cutting. With robust PLC control and high-grade materials, it ensures consistent profile quality and reliable industrial performance.

Technical Specifications

Compatible Materials	Aluminum coil plate, Colorful galvanized steel
Material Thickness	0.3 - 0.5 mm
Max Yield Strength	200 Mpa
Working Speed	10 m/min

Mechanical Details



High-precision component utilized in the main forming station for consistent shutter profiles.

Forming Stations	35
Roller Material Hardness	HRC50-54
Axial Diameter	65 mm

System Configuration

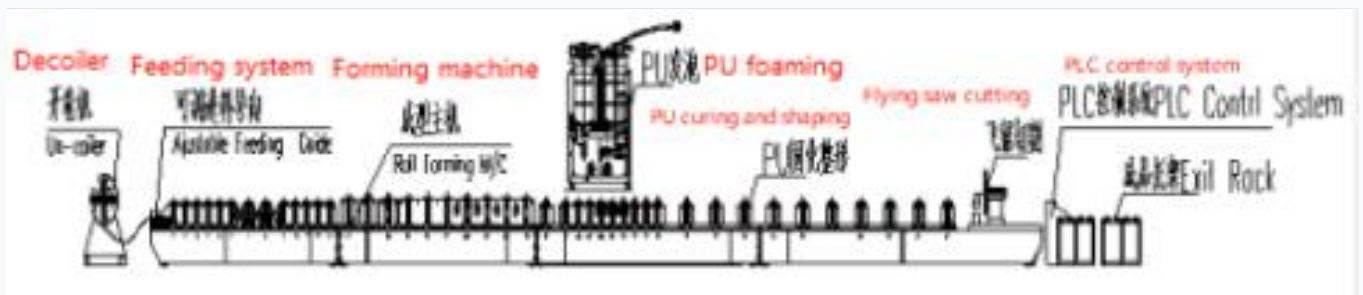


Diagram of the automated process: Decoiling, PU foaming, forming, and cutting.

Line Components

- Decoiler
- Guide Feeding Device
- Main Forming Machine
- PU Foaming Unit
- Straightening Device
- Punching Device
- Flying Saw Cutting Machine
- Finished Products Table
- PLC Control System

Main Motor Power	11 kw
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Performance Metrics

Production Precision

1 mm

Length Tolerance

0.5 mm

Roller Precision