

Photovoltaic Solar Bracket Roll Forming Machine

This roll forming machine is designed for manufacturing PV solar brackets. The system is designed for continuous production of precise bracket profiles for solar panel mounting.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Photovoltaic Solar Bracket Production

This industrial roll forming machine is engineered for the high-precision manufacturing of solar mounting brackets. It features an automated system capable of processing material thicknesses between 1.5mm and 2.5mm with consistent tolerance. Integrated with advanced PLC control, the machine ensures accurate length and quantity management to meet demanding commercial installation requirements.

Performance Metrics

Performance Highlights

12 m/min
Forming Speed

24 pcs
Roller Quantity

22 kW
Motor Power

Technical Specifications

Decoiler Parameters

Parameter	Value
Max Raw Material Width	600mm
Capacity	3000kg
Inner Coil Diameter	450-600mm

Material Capability

1.5-2.5mm thickness, GCR15 forming rollers, Cr12mov cutter blade, 45# forge steel shafts

Automation & Control

PLC Control Features

- Automatic length measurement
- Automatic quantity measurement
- Touch screen and button-type switch interface
- Programmable stop-on-demand function
- Inaccuracy correction capability

Electrical Requirements

380V • 50Hz • 3 Phase