

# 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