

# Angle Mesh Bead Roll Forming Machine

This machine is designed for manufacturing angle beads with mesh wings. It utilizes a roll forming process to shape the metal into the desired angle profile and simultaneously attach the mesh.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Angle Mesh Bead Production

This specialized roll forming machine is engineered for the precise and efficient manufacture of angle mesh beads used in plastering and rendering applications. Featuring a robust design with high-strength steel components, it ensures consistent output through a multi-stage forming process. The system is fully automated, incorporating punching, forming, and cutting mechanisms to streamline production from raw material to finished product.

## Technical Specifications

### Machine Dimensions

**12000 mm**  
Length

**800 mm**  
Width

**1300 mm**  
Height

### Performance Metrics

**6 m/min**  
Min Speed

**10 m/min**  
Max Speed

**4 T**  
Weight

### Power Requirements

- Voltage: 380V 50Hz 3P
- Motor: 4 kW
- Pump: 3 kW
- Servo Motor: 1.5 kW
- Electric Support Wires: 6mm<sup>2</sup>

## Material & Compatibility

### Material Specifications

- Compatible Materials: Galvanized steel, Iron sheet
- Thickness Range: 0.25 - 1mm
- Yield Strength: Below 550MPa

## Line Components

### Production Line Components

Component	Quantity
Decoiler	1 set
Punching machine	1 set
Main forming machine	1 set
Control panel	1 pc
Hydraulic pump	1 pc
Cutting device	1 pc
Manual holder	1 pc

## Construction & Engineering

### Construction Details

- Machine base: 350H steel plate welded
- Frame: 25mm column plate
- Forming stations: 7 steps
- Roller material: Cr12 with quenching
- Shaft material: 45# steel
- Punching machine capacity: 16T

## Certifications

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CE, ISO 9001, SGS

## Service & Support

### Service Terms

- Warranty: 2 years
- After-sales: 24/7 online support
- Delivery time: 45 days after deposit
- Labor requirement: 2-3 workers