

# Z Purlin Forming Machine

The Z purlin forming machine is engineered for the efficient production of Z-shaped purlins. It utilizes multiple forming stations and an automatic cutting system to ensure precise dimensions.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Z Purlin Production

The TW-8004-A Z Purlin Roll Forming Machine is engineered for the precise and efficient manufacture of Z-shaped structural profiles. Utilizing a robust construction with 25 forming stations, it offers consistent dimensional accuracy for high-quality building components. This system integrates advanced PLC control with a hydraulic cutting mechanism to deliver reliable performance for industrial construction applications.

## Technical Specifications

### Machine Power

**18.5 kW**  
Main Motor

**5.5 kW**  
Hydraulic Motor

### Performance Parameters

Parameter	Value
Working Speed	12-15 m/min
Purlin Width	100-300 mm
Thickness Range	1.5-3.0 mm
Roll Stations	25

### Mechanical Specifications

- Weight: 10000 KG
- Dimensions: 14000x1400x1000 mm
- Hydraulic Pressure: 20 Mpa
- Cutting Material: Cr12Mov Steel
- Roll Material: 45# Steel (HRC58-62 chrome coated)

## Control and Standards

### Electrical Requirements

380V • 50HZ • 3 Phase

### Automation

PLC Control, OMRON, Panasonic, Automatic Cutting