

# Screw-Joint No-Girder Roof Panel Forming Machine

This machine manufactures screw-joint, no-girder, large-span roof panels using a roll forming process. It is engineered with a robust frame, precision rollers, and an automated control system for efficient and accurate production of roofing panels.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Roof Panel Production

This advanced screw-joint no-girder roof panel forming machine is engineered for large-scale construction projects requiring superior structural efficiency. By eliminating the need for traditional girders, the machine enables the production of wide-span roofs up to 40 meters, significantly reducing material costs and simplifying site assembly. It supports steel plate thicknesses up to 2.0 mm, providing excellent plate stability and reliable performance for diverse applications including industrial, commercial, and rail transit engineering.

## Performance Specifications

### Engineering Performance Data

Thickness (mm)	Weight (kg/m)	Flexural Modulus (cm <sup>3</sup> )	Max Span (m)	Curvature Radius (m)
0.8	10	61	18	24
1	12.4	78	20	26.5
1.25	14.2	98	25	33
1.5	17	119	30	40

### Material Thickness Range

Up to 2.0 mm

## Key Features

### Primary Applications

- Rail transit engineering
- Large-scale warehouse roofing
- Industrial building construction
- Commercial roofing projects

### Machine Highlights

No-Girder Design, Screw-Joint Assembly, Large Span Capacity, High Plate Stability, Easy Transportation