

Transformer Radiator Fin Forming Machine

The corrugated fin wall of the transformer forming machine is specialized equipment for manufacturing transformer corrugated fin walls. It features a coil feeding system, forming rollers, a cutting mechanism, and a hydraulic system for powerful and accurate forming.



ADDITIONAL IMAGES



Overview

Automated Transformer Radiator Fin Production

This comprehensive transformer radiator fin forming machine is designed for high-efficiency, precision manufacturing of cooling fins. The integrated system combines automatic decoiling, advanced corrugated forming, hydraulic shearing, and automated seam welding to deliver a complete production line. It is engineered to maintain high consistency across varying steel sheet thicknesses and fin dimensions, ensuring reliable performance in transformer radiator assembly.

Production Capacity

Key Performance Indicators

4 fins/min

Forming Speed (Max)

1600 mm

Max Fin Width

0.25 mm

Pitch Accuracy

Technical Specifications

Core Machine Parameters

Parameter	Range/Specification
Fin Width	300mm - 1600mm
Steel Sheet Thickness	0.5mm - 1.75mm
Corrugation Height	50mm - 400mm
Corrugation Pitch	>= 45mm
Corrugation Inner Gap	6mm

System Components

System Modules

- Automatic Decoiler Machine
- Transformer Corrugated Radiator Former
- Hydraulic Shearing and Hemming Machine
- Automatic Corrugated Fin Seam Welding Machine
- Hydraulic Station
- PLC Control System

Features

Optional and Special Features

Hemming Function (20mm height), Single Fin Embossment, Double Fin Embossment