

# Transformer Corrugated Tank Production Line

This automated production line is engineered for manufacturing corrugated tanks used in transformers. The system integrates decoiling, leveling, cutting, forming, and welding processes to efficiently produce high-quality corrugated tank panels.



## ADDITIONAL IMAGES



## Product Overview

### Efficiency in Transformer Tank Manufacturing

The BW1600A transformer corrugated tank production line is a specialized integrated system designed for the efficient manufacturing of transformer corrugated fin walls. It combines automated processes including decoiling, forming, shearing, hemming, and seam welding to deliver reliable quality and consistent performance. Trusted by manufacturers internationally, this line is engineered for high precision and repeatable output.

## Technical Capabilities

### Key Performance Metrics

**4 fins/min**

Max Forming Speed

**1600 mm**

Max Fin Width

**0.25 mm**

Pitch Accuracy

### Forming Specifications

Parameter	Range/Value
Corrugated Fin Width	300mm - 1600mm
Steel Sheet Thickness	0.5mm - 1.75mm
Corrugation Height	50mm - 400mm
Edge Bend Height	20mm
Corrugation Pitch	$\geq 45$ mm
Corrugation Inner Gap	6mm

## System Components

### Included Components

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

### Optional Features

One Fin Embossment, Two Fin Embossment