

# T-Ceiling Profile Production Line

Automated machinery designed for continuous production of T-shaped ceiling profiles. It integrates multiple forming stations with precision rollers to gradually shape metal strips.



## ADDITIONAL IMAGES



## Product Overview

### Industrial T-Ceiling Production Line

This automated roll forming production line is engineered for the high-efficiency manufacturing of T-ceiling profiles, including main tees, cross tees, and angle profiles. The system features a robust configuration with manual decoilers, multi-step forming stations, and precision cutting blades made from quenched Cr12 mold steel. Designed for high-volume environments, it offers flexible material compatibility and automated control systems to ensure consistent output quality and minimal production waste.

## Main Tee Technical Specs

### Main Motor Power

**5.5 kw**

Main Power

### Operational Performance

Parameter	Value
Material Thickness	0.3-0.5 mm
Forming Speed	25 m/min
Forming Steps	16
Roller Material	Cr12

## Cross Tee Technical Specs

### Performance Specifications

**25 m/min**

Max Speed

**16 steps**

Forming Steps

## Angle Profile Specifications

### Operational Details

- Material: Galvanized steel
- Thickness: 0.3-0.5mm
- Forming Steps: 8
- Production Speed: 0-40m/min
- Control System: PLC with servo tracking

## General Construction

Cutter Blade Material	Cr12 Mould Steel, Quenched Treatment, HRC 58-62
Shaft Specifications	#45 Steel, 50mm diameter with cementation