

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