

T-Ceiling Grid Production Line

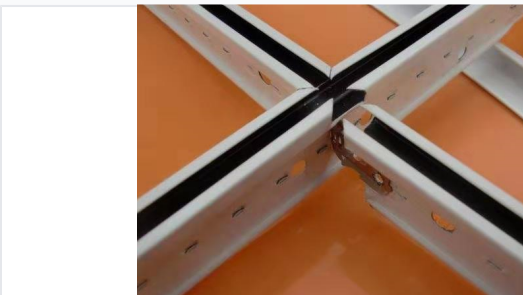
This automated production line is engineered for manufacturing T-shaped ceiling profiles. The system incorporates forming stations and precision cutting mechanisms to efficiently produce high-quality T-ceiling sections.



ADDITIONAL IMAGES



Product Overview



Final T-ceiling grid profiles showing interconnected framework with perforated webs.



Detailed view of the perforated T-ceiling component used in suspended ceiling systems.

High-Precision T-Ceiling Grid Production Line

This automatic production line is engineered for the high-precision manufacturing of T-ceiling grid components, including main tees, cross tees, and angle profiles. Designed for efficiency, the system utilizes advanced roll forming and integrated hydraulic cutting to deliver clean, accurate profiles suitable for commercial and industrial suspended ceiling installations. The robust, automated setup ensures continuous material flow and high-throughput production, making it an ideal solution for large-scale manufacturing environments.

Technical Specifications

Main Tee Motor Power

5.5 kW

Motor Power

Forming Speed

0-25 m/min

Compatible Material Thickness

0.3 - 0.5 mm

Compatible Materials

PPGI, GI

Equipment Components

Main Tee Line Configuration

- 2-ton manual vertical decoiler (x2)
- Main tee roll forming machine
- Integrated punching and cutting system
- Iron casting wall panel construction

System Capabilities

- Automatic no-stop cutting
- Precision roll forming
- Synchronized material handling
- Hydraulic cutting systems