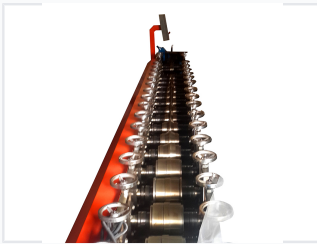


Automatic T-Grid Roll Forming Machine

This automatic machine produces ceiling T-grids, shaped steel bar frames, metal studs and tracks. It efficiently forms and shapes metal components with precision, ensuring consistent quality and dimensional accuracy.



ADDITIONAL IMAGES



Overview



Full view of the automatic roll forming line featuring multiple forming stations and integrated control arm.

High-Precision T-Grid Production

This automatic roll forming machine is engineered for the high-volume production of ceiling T-grids, metal studs, and track profiles. It features a robust 18mm steel welding main frame and multiple forming stations to ensure consistent dimensional accuracy across various profiles including Main-T, Cross-T, and Wall Angle L shapes. With an integrated PLC colored touch screen control system, operators can easily manage production parameters for efficient, professional-grade manufacturing.

Technical Performance



Precision-engineered rollers designed for consistent shaping of metal T-grid profiles.



High-pressure hydraulic system (21MPa) powering the precision cutting and forming mechanisms.

Key Performance Metrics

5.5 kW

Main Power

0.3 mm

Material Thickness

18 mm

Frame Thickness

Control System

Control Interface

PLC Colored Touch Screen

Profile Specifications

Standard Profile Dimensions

| Profile Type | Height (mm) | Width (mm) | Top Width (mm) |
|--------------|-------------|------------|----------------|
| Main-T Grid | 38 | 35 | 6 |
| Cross-T Grid | 32 | 35 | 6 |
| Wall Angle L | 32 | 35 | 0 |

Manufacturing Capabilities



Automated feeding mechanism ensures continuous material flow for high-volume production.

Supported Products

- Ceiling T-Grids
- Shaped Steel Bar Frames
- Metal Studs
- Track T-Grids
- Wall Angle L Profiles

Construction & Design



Individual stations equipped with adjustment wheels for fine-tuning profile dimensions.

Machine Features

Automatic Feeding, Precision Forming, Hydraulic Cutting, Multi-Station Rolling, Adjustable Rollers

Quality & Compliance

Certifications & Standards

CE • ISO 9001 • SGS Verified

Service & Warranty

Warranty

1 year

Sourcing Service

Customized sourcing service available based on profile drawings