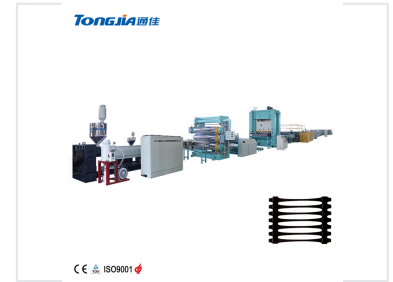


# Biaxial Geogrid Production Line

This high-speed production line is designed for manufacturing plastic biaxial geogrids. It features advanced extrusion, stretching, and forming technologies to produce geogrids with consistent quality and high tensile strength.



## ADDITIONAL IMAGES



## Product Overview

### Advanced Biaxial Geogrid Manufacturing

This high-performance production line is engineered for the efficient manufacturing of polymer geosynthetic materials, specifically biaxial geogrids. Utilizing advanced extrusion and stretching technologies, the system ensures high tensile strength, dimensional stability, and resistance to corrosion and aging. The versatile design allows for the integration of antistatic and flame-retardant additives, making it ideal for producing specialized mining support mesh equipment.

## Technical Specifications

### Model Comparison

Feature	JG-TGSG4000	JG-TGSG5000	JG-TGSG6000
Extruder Size	!150/33	!160/33	!180/33
Screw Diameter (mm)	150	160	180
Die Head Width (mm)	1450	1750	2200
Punching Pressure (KN)	1100	1600	1600
Single-direction Product Width (mm)	1200	1500	2000
Double-direction Product Width (mm)	4000	5000	6000

### Performance Capabilities

**150 KN/m**

Max Single-direction Tensile Strength

**45 KN/m**

Max Double-direction Tensile Strength

### Approximate Dimensions (L\*W\*H)

- JG-TGSG4000: 90m x 12m x 4.8m
- JG-TGSG5000: 92m x 13m x 5m
- JG-TGSG6000: 110m x 15m x 5.2m

## Applications

### Primary Applications

Roadbed Strengthening, Railway Construction, Airstrip Reinforcement, Retaining Walls, Dam Reinforcement, Mining Support, Agricultural Fencing

## Compliance

### Quality Standards

ISO 9001 • CE • TUV