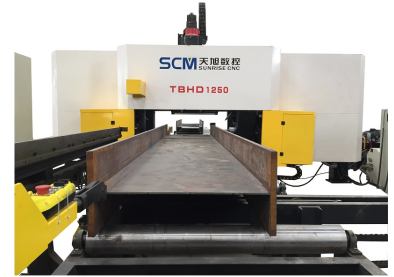


CNC Beam Drilling Machine

This high-speed CNC beam drilling machine is designed for efficient and precise drilling of steel beams. The machine features a robust construction and an advanced CNC control system for accurate positioning and drilling operations.



Overview

High-Efficiency CNC Beam Drilling

The TBHD1250 is a high-speed CNC drilling machine engineered for precise processing of H-beams and channel beams in construction and bridge industries. It features three servo-driven spindles and an advanced FAGOR control system, ensuring high rigidity and positional accuracy during complex operations. With automatic tool changing and integrated cooling systems, it provides a reliable solution for heavy-duty structural fabrication requirements.

Key Performance Metrics

Core Productivity Metrics

3000 r/min

Max Spindle Speed

5000 mm/min

Max Feeding Speed

40 mm

Max Twist Drill Diameter

Workpiece Capacity

Workpiece Specifications

Parameter	Range
Web Width	150-1250 mm
Flange Width	75-600 mm
Max Material Length	12000-15000 mm

Technical Specifications

Spindle Configuration

- Spindle Quantity: 3
- Spindle Taper: BT40
- Tool Magazine Quantity: 3
- Capacity per Magazine: 4 pieces

Physical Dimensions: 6000 x 2100 x 3500 mm

Total Weight: 8500 Kg

System Features

Control & Cooling: FAGOR 8070 CNC, Internal Cooling, External Cooling, Servo Motor Drive, Roller Linear Guide