CNC High Speed Drilling, Punching, and Disk Marking Machine

This CNC machine performs high-speed drilling, punching, and disk marking. It features a robust frame and a CNC control system for precise and automated operations.

ADDITIONAL IMAGES

Overview

High-Efficiency CNC Processing Center

The TPPRHD103 is a versatile CNC machine engineered for simultaneous drilling, punching, and disk marking operations on a single plate. Designed for industrial metal fabrication, it utilizes a Siemens CNC system and servo-driven X, Y, and Z axes to ensure high precision and repeatable quality. Featuring a modular assembly for easy maintenance and a robust hydraulic cooling system, this machine optimizes workflow efficiency while reducing manual labor intensity.

Operational Metrics

Key Performance Metrics

1200 kN	125 kN	50 mm	3000 r/min
Punching Force	Marking Force	Max Drilling Diameter	Max Drilling Speed

Workpiece Capacity

Parameter	Value
Max workpiece size (L×W)	1500×800 mm
Max punching thickness (Q235)	5-25 mm
Max punching thickness (Q420, 16Mn)	5-20 mm
Max drilling thickness	40 mm

Technical Specifications

Drilling Spindle Specs

- Taper: BT50
- Stroke: 350mm
- Spindle Torque: 280Nm
- Motor Power: 22kW

Standard Features	Siemens PLC, Servo Motor Control, Internal/External Cooling, Self-diagnosis, Modular Assembly

Physical Dimensions

Physical Dimensions & Weight

- Overall Dimensions: 3300×3200×3000 mm
- Machine Weight: Approx. 8000 kg