

CNC Engraving Machine

This high-precision CNC engraving machine is designed for intricate and accurate material processing. It features a robust construction for stability and minimal vibration during operation.



Overview

High-Performance CNC Engraving and Milling

The X.Graph 600 is a versatile CNC machine engineered for both engraving and milling tasks, offering high-speed performance on materials such as copper, aluminum, steel, and stone. Featuring a robust gantry-type structure, it ensures exceptional intensity and rigidity during operation. With high-quality linear guides and ball screws, this machine delivers superior accuracy and fast movement, making it an efficient solution for refined 3D relief work and intricate machining.

Key Performance Metrics

Performance Highlights

24000 rpm

Max Spindle Speed

0.004 mm

Positioning Accuracy

2.2 kw

Main Motor Rating

Technical Specifications

Worktable Specifications

Feature	Value
Table Size	600 x 400 mm
Max Load	300 kg
T-Slot Width	12 mm
T-Slot Number	4

Spindle Configuration

- Speed: 3000-24000 rpm
- Taper: ER20
- Cooling: Water-cooled

Travel Range (X/Y/Z)

600 / 400 / 250 mm

Equipment & Features

Connectivity & Storage

CF Card Storage • RS-232 Port • Ethernet

Standard Equipment

Syntec Control, Electronic Hand-wheel, Tool Gauging, Headstock Cooling, Enclosed Work Space, Halogen Work Lamp, Automatic Central Lubrication

Physical Attributes

Machine Dimensions	1600 x 1600 x 2000 mm
Machine Weight	2000 kg

Power & Requirements

Power Supply	AC380V/3PH, 50Hz, 6kw
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