

Bench Lathe with Precision Roller Bearings

This bench lathe features precision ground and hardened bedways. The spindle is supported with precision roller bearings and head stock gears made of high quality steel ground and hardened.



Overview

Precision Bench Lathe CQ6230D

The CQ6230D bench lathe is a precision machine tool engineered for versatile turning operations, including facing, threading, and drilling. Featuring a robust cast iron bed and headstock, it provides the stability and accuracy required for machining steel, aluminum, and plastics. This model is ideal for workshops and small-scale manufacturing environments, offering efficient control through its variable speed drive system and quick-change tool post.

Key Metrics

Performance Highlights

300 mm

Swing over bed

1.1 kW

Motor Power

480 kg

Net Weight

38 mm

Spindle Bore

Capacity & Dimensions

Machining Capacity

Feature	Specification
Swing over bed	300mm (12")
Swing over cross slide	178mm (7")
Swing in gap diameter	430mm (17")
Max workpiece length	714/914mm
Max turning length	560/760mm

Technical Specifications

Spindle Configuration

- Spindle bore: 38mm (1-1/2")
- Spindle bore taper: MT NO. 5
- Spindle speed range (Standard): 75-1400 r/min
- Spindle speed range (Variable): 60-400 or 380-2200 r/min

Threading & Feed

Metric threads (26 kinds): 0.4-7mm, Inch threads (34 kinds): 4-56 T.P.I., Longitudinal feed (32 kinds): 0.052-1.392, Cross feed (32 kinds): 0.014-0.38

Electrical & Physical

Power Requirements

- Motor Power: 1.5HP (1.1kW)
- Frequency: 50Hz or 60Hz
- Voltage: 380/415V, 115/230V, or 110/200V

Dimensions & Weight

- Overall dimensions: 160 x 73 x 127cm
- Net weight: 480kg
- Packing size: 148/168 x 75 x 142cm