

# Heavy-Duty Vertical Metal Drilling Machine

This heavy-duty vertical drilling machine is designed for precision and efficiency in metalworking. Its robust construction ensures stability and durability, even under demanding conditions.



## Overview

### Heavy-Duty Vertical Metal Drilling Machine

This heavy-duty vertical drilling machine is engineered for precision and efficiency in demanding metalworking environments. Built with high-grade cast iron and equipped with high-precision bearings, it ensures exceptional stability and durability. The machine features a powerful 3HP motor and a 12-step spindle speed range, offering the versatility needed for various drilling and tapping tasks.

## Construction & Quality

### Construction Features

Up-grade cast iron, High-precision bearings, Chrome Molybdenum Alloy Steel gears, Carbon-steel components

## Drilling & Tapping Capacity

### Drilling Capacity

**50 mm**

Steel

**58 mm**

Cast Iron

### Tapping Capacity

**30 M**

Steel

**38 M**

Cast Iron

## Spindle Specifications

### Spindle Mechanics

Feature	Specification
Spindle Taper	MT4
Spindle Stroke (Auto)	180 mm
Spindle Stroke (Manual)	220 mm
No. of Spindle Speeds	12 steps
No. of Spindle Feeds	3 steps

### Spindle Speed Ranges

- 50Hz: 60, 85, 110, 135, 185, 235, 340, 440, 575, 740, 960, 1270 RPM
- 60Hz: 75, 100, 130, 165, 215, 285, 405, 530, 690, 890, 1150, 1525 RPM

## Worktable & Dimensions

### Worktable Dimensions

**500 mm**

Width

**550 mm**

Depth

### Physical Dimensions

- Swing Span: 400mm
- Knee Travel: 395mm
- Overall Height: 2245mm
- Net Weight: 860kg

## Power & Accessories

### Included Accessories

Drill Chuck

**Motor Power**

3 HP