



## 1. Overview

The **Bench Drilling Machine** is designed for precision drilling operations in workshops, laboratories, training institutes, and production environments. The machine provides stable performance with a robust construction, ensuring accurate drilling for metal, plastic, and other engineering materials.

The drilling machine features an **eight-speed spindle system**, allowing the operator to select suitable speeds for different drilling applications and materials. The machine is equipped with a **MT-2 spindle nose** for compatibility with a wide range of drilling tools and accessories.

Its sturdy column construction ensures rigidity and minimizes vibration during operation, thereby improving drilling accuracy. The large working surfaces of the **table and base** provide adequate support for workpieces during machining operations.

Powered by a **1 HP motor running at 1440 RPM**, the machine delivers reliable performance for continuous workshop usage.

## 2. Technical Specifications

Parameter	Specification
Drilling Capacity	20 mm
Spindle Speed	Eight Speeds
Speed Range	90 – 2800 RPM
Spindle Nose	MT – 2
Spindle Centre to Column Distance	170 mm
Spindle Travel	130 mm
Maximum Distance – Spindle to Table	750 mm
Maximum Distance – Spindle to Base	950 mm

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



Export Sales: +91-9829132777  
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,  
Sitapura Extension, Jaipur-302022, India.



info@tesca.in  
www.tescaglobal.com

Parameter	Specification
Working Surface of Base	255 × 245 mm
Working Surface of Table	270 mm (Round)
Column Diameter	58 mm
Machine Base Size	390 × 245 mm
Motor Power / Speed	1 HP / 1440 RPM
V-Belt Size	A – 39
Machine Weight (Approx.)	65 kg

### 3. Key Features

- Heavy-duty and rigid machine construction
- Eight-speed spindle mechanism for versatile drilling operations
- MT-2 spindle nose suitable for standard drilling tools
- Large round work table for stable workpiece support
- Strong column design to minimize vibration
- Compact design suitable for laboratory and workshop use
- Reliable **1 HP motor** for efficient drilling performance

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