

Radial Arm Drilling Machine

The radial arm drilling machine is a versatile machine tool designed for drilling, reaming, tapping, and spot-facing operations on large workpieces. Its key feature is the radial arm, which allows the drill head to be positioned over a wide area of the workpiece without moving the base.



Overview

Versatile Machining Capability

The Radial Arm Drilling Machine is a high-performance tool designed for complex drilling, reaming, tapping, and spot-facing operations. Its unique radial arm design allows the drill head to be positioned precisely over large workpieces, eliminating the need to reposition heavy materials. This machine is an essential asset for workshops handling large, immovable parts, offering significant efficiency and flexibility in industrial machining.

Key Features

Design Advantages

- Adjustable radial arm for wide-area positioning
- Vertical column with height adjustment
- Heavy-duty base for stability
- Integrated spindle and motor controls

Primary Operations

Drilling, Reaming, Tapping, Spot-facing

Technical Specifications

Core Components

Component	Function
Radial Arm	Swings around column for positioning
Vertical Column	Supports arm and allows height adjustment
Drill Head	Houses spindle, motor, and speed controls
Base	Provides heavy-duty stability