

Cylinder Boring and Honing Machine

This precision machine is designed for accurate material removal and surface finishing of cylinder bores. It features a rigid frame for stability and a honing head with expandable abrasive stones for controlled honing.



Overview

Precision Cylinder Maintenance

The TM807A is a specialized machine designed for the precision boring and honing of motorcycle cylinder bores. It provides a stable, reliable platform for maintenance tasks, accommodating cylinder diameters between 39mm and 72mm with a depth capacity of up to 160mm. By utilizing a rigid base and controlled spindle operations, it ensures accurate material removal and high-quality surface finishing for engine repair and rebuilding applications.

Machining Capabilities

Boring & Honing Capacity

39 mm

Min Diameter

72 mm

Max Diameter

160 mm

Max Depth

Spindle Performance

Parameter	Value
Boring Spindle Speed	480 r/min
Honing Spindle Speed	300 r/min
Boring Feed Rate	0.09 mm/r
Honing Feed Speed	6.5 m/min

Electrical & Power

Motor Details

- Power: 0.75 kW
- Rotational Speed: 1400 r/min
- Voltage Options: 220V or 380V
- Frequency: 50Hz

Physical Dimensions

Weight Specifications

230 kg

Net Weight

280 kg

Gross Weight

Machine Dimensions (L x W x H)

680 x 480 x 1160 mm

Features

Compatible Applications

Motorcycle Cylinder Maintenance, Engine Rebuilding, Repair Shops, Precision Boring, Surface Honing