

Horizontal Linear Boring and Honing Machine for Engine Blocks

This horizontal linear boring and honing machine is engineered for precision machining of engine blocks. It features a robust frame and a linear feed system for accurate material removal.



Overview

Precision Engine Block Machining

The LBH-50 Horizontal Linear Boring and Honing Machine is engineered for professional engine block maintenance and precision machining. Designed with a robust frame and integrated cooling system, it ensures high-accuracy material removal and superior surface finishes. The machine features adjustable workholding fixtures and a versatile stroke system, making it an essential tool for automotive engine rebuilding and repair workshops.

Technical Specifications

Spindle Speed

150 rpm

Spindle Speed

Working Range	46 mm
Max. Spindle Stroke	660 mm
Working Cavity Dimensions	1140 x 710 x 710 mm

Power & Cooling

Spindle Motor Power	1.5 KW
Cooling Oil Pump Power	0.12 KW
Coolant Capacity	130 - 210 L

Physical Dimensions

Machine Dimensions	3200 x 1480 x 1920 mm
Machine Net Weight	670 kg
Gross Weight	800 kg

Machine Components

Key Machine Components

- Motor assembly and support
- Cooling oil pump and control valve
- Honing rod and hardwood seat
- Fixture beam and press plates
- Upper and lower oil trays
- Adjustable stroke stop