

Automated Interior Surface Polishing Machine

This interior polishing machine is designed for automated surface treatment of various internal components. It features multiple polishing stations with adjustable parameters for different materials and finishes.



Overview

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The 2MB4140-C is a third-generation automated polishing solution engineered for high-precision surface finishing of gyroidal-shape metalware. This machine supports rough, finishing, and high-precision polishing stages with fully adjustable parameters for reciprocating strokes and polishing duration. Designed for reliability and ease of use, it delivers consistent surface quality and brightness while maintaining low operational noise.

Technical Specifications

Main Motor Power

11 kW

Abrasive Wheel Motor

0.75 kW

Workpiece Motor

0.55 kW

Reciprocating Motor

Main Spindle Speed	2160 R/M
Workpiece Speed	28-140 R/M (Adjustable)
Compressed Air Pressure	0.8 Mpa

Capabilities

Polishing Modes	Rough Polishing, Finishing Polishing, High Precision Polishing
Workpiece Holding Method	Vacuum Adsorption
Maximum Workpiece Dimensions	400mm x 350mm

Operational Features

Key Advantages

- Convenient manipulation
- Reliable performance
- Low noise operation
- High surface brightness
- Stable product quality