

ABHI FINE PRODUCTS

A Personal Touch To Fine Finish



SURFACE FINISHING TOOLS

AB 200 ECO SERIES SINGLE PASS HONING MACHINE



@ ABHI
WE DO MORE



ABHI FINE PRODUCTS

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Ab200 HONING MACHINE SPECIFICATIONS

Spindle	:	Pb25
Spindle Motor	:	3HP/2.2kw
Spindle Speed	:	100-1200
Number of Spindles	:	2
Rotary Table	:	STD 110H, Servo Rotary Table
Number of Indexing	:	4
Intexing Time	:	45°, Less than 1Sec
Max Load on Table	:	60kg
Stroke_z-axis	:	300mm
Max Rapid in Z-axis	:	Max 4500 Mm/min
Z-axis Slide	:	Servo Feed With Automatic Counter Balance
Component Size	:	Dia 4mm to Dia 28mm
Lubication System	:	Auto Lubrication
Machine Controller	:	PLC
Total Power	:	5.25hp/3.8kw
Max Weight (approx)	:	1800kg
Floor Space (approx)	:	1150 X 1290 X 2250 Mm
Indexing Dial Plate Dia	:	Ø350 Mm
Max Fixture Size	:	Ø100/ Sq 100 Mm

Note : One year warranty except PLC, Electrical Sheet Metals

MACHINE ALSO INCLUDES

- Servo rotary table with adjustable indexing 0° to 360°.
- High precision spindle for smooth running.
- Pneumatic counter balance for Z-axis stroke.
- Inbuilt adjustable stroke limit.
- PLC control, Auto lubrication for LM guide and ball screw.

STANDARD FEATURES

- High production rate
- Improve bore quality
- Shorter cycle time
- Predictable, consistent results
- Less frequent part inspection
- Reduced labor cost through automated system
- Lower cost per hole through long tool life

ADDITIONAL FEATURES

- Vertical, compact design.
- Work area is easily accessible from the front
- use Abhi's plated diamond single stroke honing tools for precise bore size, geometry and surface finish.

THE PERFECT CHOICE FOR SMALL BORES

- The AB200 ECO is perfect for small bore dia 4mm to 28mm, medium to high production runs

Applications include:

- Sprockets
- Hydraulic valves and valve bodies
- Stampings
- Ceramic components
- Most gears
- Rocker arms
- Parking pawls
- Powdered metal component

OPTIONAL ACCESSORIES

- Honing tools
- Coolant system, Magnetic separator with paper band filtration
- Solid Tool Holder with or without crash protection.
- Quick change tool and adaptors
- Standard and custom fixturing package