

Product Name :
Horizontal Hydraulic Surface Grinder

Product Code :
NLAB-MACHINELABWK22003



Description :

Horizontal Hydraulic Surface Grinder

Technical Specification :

HEAVY DUTY - robust base structure & slide with excellent rigidity and capable to handle heavy jobs.
COLUMN & VERTICAL SLIDE - Both Guideways are ground finished for high rigidity & z- axis accuracy.
OIL LUBRICATION - Magnet slide is immersed in oil bath and all other parts lubricated with centralised lubrication pump.
WHEEL HEAD - Spindle is mounted on a rigidly constructed spindle housing which runs on preloaded super precision antifriction imported bearings which are grease packed for long life. Direct drive by flange mounted motor eliminate the vibration.
MICROFEED - The vertical feed movements are equipped with MICRO FEED upto 0.002 mm
ELECTRIC CONTROL PANEL - having L & T / TC Contactors, AGI, Rotary switch and soft touch push buttons.
STANDARD EQUIPMENTS :
Diamond Dresser with Holder
Spanner for Wheel Change
Grinding Wheel

MICROFEED for Elevator
Electric Panel
Electric Motor
OPTIONAL EQUIPMENTS :
Magnetic Chuck
Work Light
Coolant Pump with Tank & Flash Guard
Angle & Radius Dressing Attachment
Wheel Adopter Puller
MICROFEED for Cross Slide
Centralised Lubrication Pump
Wheel Balancing Stand with Mandrel
Electro Magnetic Chuck with Rectifier

~~500x250~~ Surface of Table

~~500x250~~ Travel

~~200x150~~ Chuck Suitable

~~355~~. Distance Centre of

Spindle to Table

~~0.01~~ Vertical Down Feed on

Hand

Wheel

~~0.002/0.01~~ FEED

(Elevation)

~~750~~ RPM

~~200x25~~ Dimension

~~3175~~ Grinding

~~3HP~~ Motor 3 Phase

~~5~~ at 25 G/min

~~0.01~~ Cross Feed

increment

Cross Feed on Hand 0.05mm=1 Gra-5mm / 1 Rev.

Wheel

~~15~~ Hydraulic Pump Motor

~~55~~ Hydraulic Tank Capacity

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