

Vertical Cylinder Honing Machine



Features

- ▶ Quick positioning of the spindle through the traverse and rotary movements of the head stock, and linear movement of the table, on ball bearings.
- ▶ Quick positioning of the honing head.
- ▶ Spindle reverts to start position when switched off.
- ▶ Digital display enables easy selection of variable options
- ▶ Longitudinal movement of table and traverse movement of head enables precision positioning.
- ▶ Automatic cut off on completion of preselected number of strokes.
- ▶ Synchronized stopping of reciprocating and rotating movements and avoid damage to cross hatch finish.
- ▶ Non-contact proximity switches for reversal of strokes
- ▶ Complete electronic control.
- ▶ Minimum moving parts reducing mechanical wear out.
- ▶ Modular construction for easy maintenance and service.
- ▶ Electronic cards with self-diagnostic features for quick identification of errors.

Standard Accessories

Honing Equipment	63 – 200 mm
Motor for Hydraulic drive	1400 rpm, 2 & 3 HP
Coolant pump motor	0.15 HP, 2800 rpm
Setting up blocks	100 mm high with bolts – set of 2
Complete electric and electronic equipment	Splash guard

Optional Accessories

Honing Equipment for range	36 – 75 mm, 200 – 260 mm
Set of Quick acting clamps	
Roll over fixture for V blocks	
Fixed angle fixture for 60° & 90° V blocks	

Model	ACH 500
Max Honing Capacity In Diameter (Standard Heads)	200mm
Max Honing Capacity In Diameter (With Extra Heads)	300mm
Min Honing Capacity In Diameter	30mm
Honing Stroke	Maximum - 500mm, Minimum - 50 mm
Max Block Length	1400 mm
Max Block Width	550 mm
Max Block Height	600 mm
Spindle Speed (Variable)	10 - 300 rpm
Reciprocal Speed	1 - 20 m/min
Honing Table Traverse	1300 mm
Honing Head Traverse, Crosswise	50mm
Max Distance Of Spindle Nose To Table Top	1050 mm
Distance From Spindle Center To Column Front	450 mm max
Table Size	1500 x 500 mm
Motor For Rotation	2 hp AC drive
Motor For Hydraulic Stroke	1.5 hp
Motor For Coolant System	0.25 hp
Net Weight (Approx)	1200 kg
Shipping Weight (Approx)	1500 kg
Shipping Dimensions (LxWxH)	2450x1550x2225 mm
-	96.5"x61"x88.75" inches
Shipping volume	8.5 m3