

Hydrostatic Bearings: Precision ground Hydrostatic Bearings: Substantial decrease in heat deformation associated with Hydrodynamic bearings. Minimal friction, lateral displacement, and pressure .Extended tool life under heavy cut loads.

Grinding Wheel Spindle: The Grinding Wheel Spindle runs on hydrostatic bearings with a high-pressure oil film for added precision under heavy loads. Substantially reduces wear while prolonging spindle trueness. SNCM-210H carbon steel hardened beyond HRC60, yielding high torsion resistance.

Specification

Standard work rest (diameter)	1 - 50mm
Special work rest (diameter)	40 - 100mm
Grinding wheel size (dia x width x bore)	510 x 205 x 254mm
Regulating wheel size (dia x width x bore)	305 x 205 x 127mm
Grinding wheel speed	1350rpm
Regulating wheel speed	10-250rpm variable speed
Grinding wheel motor	20HP
Regulating wheel motor	4HP Servo Motor
Hydraulic pump motor	1HP
Coolant pump motor	1/2HP
Regulating wheel feed on handwheel	3.5mm/rev - 0.05mm (Gra)
Regulating micro feed on handwheel	0.1mm/rev - 0.001mm (Gra)
Table feed on handwheel	9mm (rev) - 0.05mm (Gra)
Table micro feed on handwheel	0.2mm (rev) - 0.001mm (Gra)
Dressing handwheel	2mm/rev - 0.01mm (Gra)
Regulating wheel tilt angle	+5 Degrees ~ -3 Degrees
Regulating wheel swivel angle	±5 Degrees
Approx weight	3200kgs / 3500kgs
Floor space (L x W x H)	2400 x 1300 x 1550mm

Standard Equipment

Hydraulic wheel dressing of the grinding and control wheels

Grinding wheel and grinding wheel flange

Regulating wheel and regulating wheel flange

Flange extractor

Diamond tool

Thrufeed workrest and blade

Infeed workrest and blade

Levelling screw and plate

Tool box and tools

Instruction and maintenance manual

See the RK/JAINNHER YouTube playlist >

<https://www.youtube.com/playlist?list=PLA4cPwuFwiQnLa4AWnvNt6nqjDKzsDFh0>