

Centreless Grinding Machine

Specification

	Centreless Grinding Machine
Standard work rest diameter	2 - 60mm
Special work rest diameter	5 - 150mm
Grinding wheel size : diameter x width x hole	610 x 305 x 304.8mm
Regulating wheel size : diameter x width x hole	305 x 305 x 127mm
Grinding wheel speed	1050rpm
Grinding wheel motor	40HP
Regulating wheel speed	10 - 250rpm
Regulating wheel motor	Servo motor 5HP
Spindle circulating pump motor	1HP
Coolant pump motor	1 / 2 HP
Regulating wheel feed on handwheel	2.5mm (rev) 0.01mm (Gra)
Regulating wheel microfeed on handwheel	0.02mm (rev) 0.001mm (Gra)
Table feed on handwheel	2.5mm (rev)0.01mm (Gra)
Table micro feed on handwheel	0.02mm (rev) 0.001mm (Gra)
Dressing handwheel	2mm (rev) 0.01mm (Gra)
Regulating wheel tilt angle	+3 degrees -5 degrees
Regulating wheel swivel angel	+/-1 degree
Floor space (approx)	3500 x 1500 x 1650mm
Nett weight (approx) / gross weight	6500kgs / 7000kgs

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