

Technical Data SCM Model 1300

Spindle	Ø 70 mm (2.76")
Maximum Spindle Travel	150 mm (5.90")
Maximum Spindle Tilt (either side of zero)	20°
Distance from Table to Spindle	400 mm (15.75")
Set Dia (Minimum to Maximum STD)	Ø 28 to Ø 45 (opt.-Ø 18 to Ø 60)
Seat angle	45° & 30°
Spindle Speed (variable)	40 to 300 rpm
Spindle Head Travels (Front & Back)	40 mm (1.57")
Spindle Head Travels (Left & Right)	1200 mm (47.24")
Clamping Block Travels (Front & Back)	130 mm (5.12")
Clamping Table Size	1300 X 550 (51.18" X 21.65")
Electrical Requirements	3 Phase 15 Amp 1 HP
Air Requirements	100 psi 8 Bar
Spindle Motor	0.75 kw/1 HP
Floor space Requirements	1600 mm x 900 mm x 2200 mm (63" x 35.43" x 86.61")
Machine weight(Approx)	950Kg
Machine Gross weight	1200Kg

Standard Accessories

Tool Holder Set	2 Nos (45°,30°)
Tool Tightening Screw Driver	1 No.
Guide Stem	8 Nos(Steel)
Spring	3 Nos
Centering sensor digital	1 Set
Depth Gauge	1 No.
Dial (Mitutoyo)	1 No.
Allenkey Set	1 Set (9 Nos.)
Spindle Nut Tightening Spanner	1 No.
Diameter setting device	1 NO.
Distance piece (clamping)	2 Set
Leveling Bolt	4 Nos.
Leveling Plate	4 Nos.
Tools Box	1 No.
Air Hose	1 No.
Air Gun	1 No.

Optional Accessories

- Carbide Stem
- Guide drilling unit
- Reamer
- Lapping Holder Set
- P L C Control System
- Vaccum Tester
- Tool Grinder

Main Features of Machine

- Table, Column, Swivel Bracket, Fixed Bracket & Clamping Bracket are of fine grind alloy casting, stress relieving after rough machining ensures rugged and vibration free of the machine.
- Vacuum Tester helps to quick checking of valve seats before removing the cylinder head.
- Drawers and Top Tray as worked as a huge storage capacity .
- 360 Degree Rollover Fixture provides quick loading and easy access to all sides of the head.
- Spindle tilts up to 20° vertical in both directions.
- Large handle wheel provides rapid feed and **small** hand wheel allows precise fine feed control of the spindle.
- We provides Lapping & Reaming Facilities.
- Depth Indicator help us to know how much **has** been removed from the seat assuring **consistent** seat depth.
- Spindle Nut offers quick tooling change for a **wide** selection of tooling and spindle adapters.