



CHESTER SCM800/SCM630

**Features:**

- Heavy-duty single-column horizontal milling machine for demanding vertical surface work
- Wide cast iron worktable for larger workpieces and heavier loads
- Concave and V-shaped bed guideways treated for wear resistance
- Forced lubrication delivers clean oil to every guideway and bearing
- Robust ISO50 horizontal spindle with six-step speed range
- Milling head swivels for angled cuts without re-fixturing
- Stepless variable-frequency table feed for accurate control

Model	SCM800	SCM630
Working Surface	1500/2000/2500/3000mm × 800mm	1500/2000/2500/3000mm × 630mm
T-Slots (Qty/Width)	5/22mm	5/22mm
T-Slot Pitch (Centres)	160mm	120mm
X-Axis Travel (Manual)	1500/2000/2500/3000mm	1500/2000/2500/3000mm
X-Axis Travel (Automatic)	1500/2000/2500/3000mm	1500/2000/2500/3000mm
Y-Axis Travel (Manual)	350mm	350mm
Y-Axis Travel (Automatic)	350mm	350mm
Z-Axis Travel (Manual)	750/1000mm	750/1000mm
Z-Axis Travel (Automatic)	750/1000mm	750/1000mm
Load Capacity	1500/1500/2000/2000kg	1500/1500/2000/2000kg
Table Swivel Range	N/A	N/A
Spindle		
Spindle Taper	7:24, ISO50	7:24, ISO50
Speed Control	6-step	6-step
Speed Range	82-505rpm	82-505rpm
Spindle Centre to Table	0-750/1000mm	0-750/1000mm
Drawbar	M24	M24
Feed Rates		
Number of Feeds	Variable	Variable
X-Axis (Longitudinal)	0-1360mm/min	0-1360mm/min
Y-Axis (Cross)	0-430mm/min	0-430mm/min
Z-Axis (Vertical)	430mm/min	430mm/min
X-Axis Rapid Traverse	1360mm/min	1360mm/min
Y-Axis Rapid Traverse	430mm/min	430mm/min
Z-Axis Rapid Traverse	280mm/min	280mm/min
Motor/Type		
Horizontal Spindle Motor/Geared	7.5kW (10hp)	7.5kW (10hp)
Feed Motor, X Axis/Inverter	2.2/3/3/4kW (3/4/4/5.4hp)	2.2/3/3/4kW (3/4/4/5.4hp)
Feed Motor, Y Axis/AC	0.4kW (0.5hp)	0.4kW (0.5hp)
Feed Motor, Z Axis/AC	2.2kW (3hp)	2.2kW (3hp)
Coolant Motor	0.09kW (0.13hp)	0.09kW (0.13hp)
Weight and Dimensions		
Machine Dimensions	3150/3750/4300/5300 × 1650 × 2100mm	3150/3750/4300/5300 × 1600 × 2050mm
Net Weight	3600/4000/4500/5000kg	3400/3700/4000/4500kg

Standard Accessories:

- 3 Axis Digital Readout
- 3 Axis Power Feed
- LED Work Lamp
- Coolant System
- Drawbar and Drawbar Wrench
- Chip Tray/Collector
- Manual Lubrication System
- Toolbox
- Operation Manual

Optional Accessories:

- Automatic Lubrication System
- Semi Universal Dividing Head
- Fully Universal Dividing Head
- Rotary Table
- Slotting Head
- Machine Vice
- Clamp Kit
- ER Milling Collet Chuck Set
- Boring Head
- Reducing Sleeve Set

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.