

Sharp machine tools



- **Clutch-Operated**
- **Massive 10 ¼" bed width**
- **Heavy D1-6 spindle**
- **2" spindle bore**
- **Available 8, 16, or variable speed**
- **Huge threading range**

SMT1440RM/1460RM/1640RM/1660RM/1440RMV/1460RMV/1640RMV/1660RMV

FEATURES :

SPECIFICATIONS

	Model	SMT1440/1460RM SMT1440RMV/1460RMV	SMT1640/1660RM SMT1640RMV/1660RMV
Capacity	Height of centers	180mm (7.08")	205mm (8.07")
	Swing over bed	360mm (14.16")	Ø410mm (16.14")
	Swing in gap	533mm (20.98")	Ø583mm (22.95")
	Swing over cross slide	214mm (8.42")	Ø264mm (10.39")
	Distance between centers	1000mm (40") / 1500mm (60")	1000mm (40") / 1500mm (60")
	Width of bed	260mm (10.236")	
	Gap width in front of faceplate	135mm (5.31")	135mm (5.31")
Headstock & Main spindle	Spindle nose, Internal taper	D1-6, MT. No.6	
	Spindle center sleeve	MT. No.6 x MT. No.4	
	Spindle bore	Ø52.5mm (2.066")	
	Spindle speed: Gear steps / Range	8 steps / 70 - 1800 RPM 16 steps / opt-8 pole - 40 ~ 1000 RPM 4 pole - 80 ~ 2000 RPM	EVS - 2 steps L - 20 - 400 RPM H - 400 - 2500 RPM infinitely variable

Carriage	Length of bed / Width of carriage	513mm (20.19") / 412mm (16.22")	
	Cross slide travel	220mm (8.6")	
	Top slide travel	140mm (5.5")	
	Whitworth threads: Kinds / Range	45 Kinds / 2 ~ 72 T.P.I.	
Threads & Feeds	Metric threads: Kinds / Range	39 Kinds / 0.2 ~ 14mm	
	D.P. threads: Kinds / Range	21 Kinds / 8 ~ 44 D.P.	
	M.P. threads: Kinds / Range	18 Kinds / 0.3 ~ 3.5 M.P.	
	Longitudinal feeds	0.05 ~ 1.7mm (0.002" ~ 0.067")	
Tailstock	Cross feeds	0.025 ~ 0.85mm (0.001" ~ 0.034")	
	Quill diameter	Ø52mm (2.047")	
	Quill travel	152mm (6")	
	Taper of center	MT. No.4	
Motor	Main spindle	HG - 3.75Kw (5HP)	EVS - 3.75Kw (5HP) + Inverter
	Coolant pump	1/8HP	
Measurement	Weight (Net / Gross) Approx.	1440kgs (3173 lbs) / 1500kgs (3306 lbs) 1460kgs (3217 lbs) / 1600kgs (3526 lbs)	1640kgs (3614 lbs) / 1650kgs (3636 lbs) 1660kgs (3658 lbs) / 1750kgs (3857 lbs)
	Packing sizes	Length	2270mm (89.4")
		Width x Height	2785mm (109.7")
		Width 1120mm (44.1") x Height 1745mm (68.7")	

Above specifications are subject to change.