

SM SERIES TURRET MILLING MACHINE

SPECIFICATION		2S	2SL
Slideways Structure	Y/Z: ▲	1245x230mm(49"x9")	Y: ■, Z: ▲
Table Size		920mm(36")	
Travel	X	330mm(13")	360mm(14")
	Y		
	Z	406mm(16")	
	Quill	127mm(5")	
	Ram	380mm(15")	
Quill Diamenter		86mm(3 3/8")	
Quill Feed rate		0.04, 0.08, 0.15mm (0.0015", 0.003", 0.006")	
Spindle Motor		2.25kw (3HP)	
Spindle Taper		R8/NT30/NT40 (3 optional choose)	
Spindle Speed	S	16 steps: 80-5440rpm	
	V	Variable: 60-4200rpm	
	F	Infinity: 50-5000rpm	
Milling Head Tilt Angle		Back & Forward: ±45°, Right & Left: ±90°	
Distance from Table to Spindle		0-460mm(0-18")	
Distance from Column to Spindle		107-487mm(4 1/2"-19")	
Machine Weight		1000kg	1100kg
Dimension (LxWxH)		1600x1450x2100mm	1600x1700x2100mm

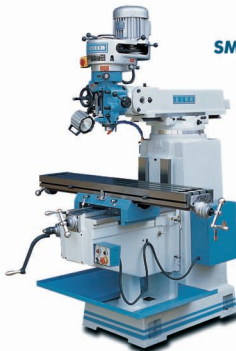


SM-2S



**SM-3S
SM-3SL**

SPECIFICATION		3S	3SB	3SL	3SLB
Slideways Structure	Y/Z: ▲	1272x254mm(50"x10")	Y: ■, Z: ▲	Y/Z: ▲	Y: ■, Z: ▲
Table Size		914mm(36")		1372x305mm(54"x12")	
Travel	X			1000mm(40")	
	Y				
	Z		406mm(16")		
	Quill		406mm(16")		
	Ram		127mm(5")		
Quill Diamenter			520mm(20")		
Quill Feed rate			86mm(3 3/8")		
Spindle Motor			0.04, 0.08, 0.15mm (0.0015", 0.003", 0.006")		
Spindle Taper			2.25kw (3HP)		
Spindle Speed	S		R8/NT30/NT40 (3 optional choose)		
	V		16 steps: 80-5440rpm		
	F		Variable: 60-4200rpm		
Milling Head Tilt Angle			Infinity: 50-5000rpm		
Distance from Table to Spindle			Back & Forward: ±45°, Right & Left: ±90°		
Distance from Column to Spindle			0-460mm(0-18")		
Machine Weight			155-665mm(6"-26")		
Dimension (LxWxH)		1200kg		1400kg	
		1750x1700x2200mm		1850x1700x2200mm	



SM-4S

SPECIFICATION		4S	4SB
Slideways Structure	Y/Z: ■	1372x254mm(54"x10")	
Table Size		1000mm(40")	
Travel	X	420mm(16 1/2")	
	Y	420mm(16 1/2")	
	Z	127mm(5")	
	Quill	580mm(22.8")	
	Ram	86mm(3 3/8")	
Quill Diamenter		0.04, 0.08, 0.15mm (0.0015", 0.003", 0.006")	
Quill Feed rate		2.25kw (3HP)	
Spindle Motor		R8/NT30/NT40 (3 optional choose)	
Spindle Taper		16 steps: 80-5440rpm	
Spindle Speed	S	Variable: 60-4200rpm	
	V	Infinity: 50-5000rpm	
	F	Back & Forward: ±45°, Right & Left: ±90°	
Milling Head Tilt Angle		0-420mm(0-16.5")	
Distance from Table to Spindle		100-520mm(4"-21")	
Distance from Column to Spindle		105-685mm(4"-27")	
Machine Weight		1650kg	1720kg
Dimension (LxWxH)		2000x1700x2300mm	2000x1700x2400mm



SM-4SL

SPECIFICATION		4SL	4SLB
Slideways Structure	Y/Z: ■	1372x305mm(54"x12")	
Table Size		1000mm(40")	
Travel	X	420mm(16 1/2")	
	Y	420mm(16 1/2")	
	Z	127mm(5")	
	Quill	580mm(22.8")	
	Ram	105mm(4")	
Quill Diamenter		0.04, 0.08, 0.15mm (0.0015", 0.003", 0.006")	
Quill Feed rate		3.75kw (5HP) option: 5.5kw (7.5HP)	
Spindle Motor		NT40	
Spindle Taper		10 steps: 60-3600rpm	
Spindle Speed	S	Variable: 50-3750rpm	
	V	Infinity: 50-5000rpm	
	F	Back & Forward: ±45° or fixed, Right & Left: ±90°	
Milling Head Tilt Angle		0-420mm(0-16.5")	
Distance from Table to Spindle		100-520mm(4"-21")	
Distance from Column to Spindle		105-685mm(4"-27")	
Machine Weight		1680kg	1750kg
Dimension (LxWxH)		2000x1700x2350mm	2000x1700x2450mm

SM SERIES TURRET MILLING MACHINE

SPECIFICATION		5S	5SB
Slideways Structure	Y/Z: ■, X axis wide saddle	1370x330mm(54"x13")	
Table Size		850mm(33")	1014mm(40")
Travel	X	380mm(15")	420mm(16 1/2")
	Y		
	Z		360mm(14.2")
	Quill		127mm(5")
	Ram		600mm(24")
Quill Diamenter			105mm(4")
Quill Feed rate		0.04, 0.08, 0.15mm (0.0015", 0.003", 0.006")	
Spindle Motor		3.75kw (5HP) Option: 5.5kw (7.5HP)	
Spindle Taper		NT40	
Spindle Speed	S	10 steps: 60-3600rpm	
	V	Variable: 50-3750rpm	
	F	Infinity: 50-5000rpm	
Milling Head Tilt Angle		Back & Forward: ±45° or fixed, Right & Left: ±90°	
Distance from Table to Spindle		0-420mm(0-16.5")	
Distance from Column to Spindle		172-772mm(6.8"-30.4")	
Machine Weight		2000kg	2100kg
Dimension (LxWxH)		2200x1800x2350mm	2350x1840x2350mm



SM-5S

SPECIFICATION		6S	6SB
Slideways Structure	Y/Z: ■, X axis wide saddle	1370x330mm(54"x13")	
Table Size		850mm(33")	1014mm(40")
Travel	X	380mm(15")	420mm(16 1/2")
	Y		
	Z		460mm(18")
	Quill		127mm(5")
	Ram		600mm(23 3/4")
Quill Diamenter			105mm(4")
Quill Feed rate		0.04, 0.08, 0.15mm (0.0015", 0.003", 0.006")	
Spindle Motor		3.75kw (5HP) option: 5.5kw (7.5HP)	
Spindle Taper		NT40	
Spindle Speed	S	10 steps: 60-3600rpm	
	V	Variable: 50-3750rpm	
	F	Infinity: 50-5000rpm	
Milling Head Tilt Angle		Back & Forward: ±45° or fixed, Right & Left: ±90°	
Distance from Table to Spindle		100-560mm(4"-22")	
Distance from Column to Spindle		172-772mm(6.8"-30.4")	
Machine Weight		2200kg	2300kg
Dimension (LxWxH)		2200x1800x2550mm	2350x1840x2550mm



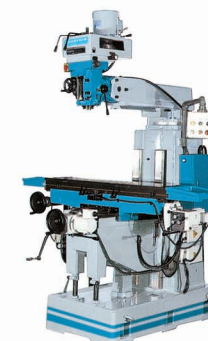
SM-6SL

SPECIFICATION		6SL
Slideways Structure	Y/Z: ■, X axis wide saddle	1520x330mm(60"x13")
Table Size		1200mm(48")
Travel	X	420mm(16 1/2")
	Y	460mm(18")
	Z	127mm(5")
	Quill	600mm(24")
	Ram	105mm(4")
Quill Diamenter		0.04, 0.08, 0.15mm (0.0015", 0.003", 0.006")
Quill Feed rate		3.75kw (5HP) Option: 5.5kw (7.5HP)
Spindle Motor		NT40
Spindle Taper		10 steps: 60-3600rpm
Spindle Speed	S	Variable: 50-3750rpm
	V	Infinity: 50-5000rpm
	F	Back & Forward: ±45° or fixed, Right & Left: ±90°
Milling Head Tilt Angle		100-560mm(4"-22")
Distance from Table to Spindle		172-772mm(6.8"-30.4")
Distance from Column to Spindle		2450kg
Machine Weight		2550x1840x2550mm
Dimension (LxWxH)		



SM-6S

SPECIFICATION		7S	8S
Slideways Structure	Y/Z: ■, X axis wide saddle	1372x360mm(54"x14")	1524x360mm(60"x14")
Table Size		1014mm(40")	500mm(20") Ball Screw
Travel	X	500mm(20")	500mm(20") Ball Screw
	Y		
	Z		500mm(18")
	Quill		150mm(6")
	Ram		660mm(26")
Quill Diamenter		105mm(4") option: 110mm(4.3")	
Quill Feed rate		0.04, 0.08, 0.15mm (0.0015", 0.003", 0.006")	
Spindle Motor		3.75kw (5HP) Option: 5.5kw (7.5HP)	
Spindle Taper		NT40	
Spindle Speed	S	10 steps: 60-3600rpm	
	V	Variable: 50-3750rpm	
	F	Infinity: 50-5000rpm	
Milling Head Tilt Angle		Back & Forward: ±45° or fixed, Right & Left: ±90°	
Distance from Table to Spindle		100-600mm(4"-23.6")	
Distance from Column to Spindle		100-770mm(4"-30")	
Machine Weight		2700kg	2900kg
Dimension (LxWxH)		2400x1900x2650mm	2600x1900x2700mm



**SM-7S
SM-8S**