

# Manual Turret Mills



The SP series, built for precision.



Shown with optional interlocked table guard and Digital Readout

The SP range offers a higher degree of accuracy over standard knee type mills, with spindle runout of 0.003mm, compared to 0.005mm on standard mills.

The spindles are hardened and ground and all slideways are precision hand scraped for accuracy. With a choice of 2 models offering dovetail and square ways, the SP range offers flexibility for training and toolrooms alike.

## Options available

- Air Power drawbar (standard on SP520VS model)
- Y-axis power feed
- Interlocked table guard
- 2 or 3-axis Acu-rite Digital Readout

Full specification >

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## Specification

	SP150VS	SP520VS
Table Size (mm)	230 x 1245	254 x 1370
T-Slot (no. x size) (mm)	3 x 16	3 x 16
Longitudinal Travel (X) (mm)	850 (765 with Digital Readout)	775 (680 with Digital Readout)
Cross Travel (Y) (mm)	305	410
Vertical Travel Knee (mm)	406	450
Ram Travel (mm)	356	560
Quill Travel (mm)	127	127
Head Swivel (R/L)	+/- 90 Degrees	+/- 90 Degrees
Head Tilt (Up/Down)	+/- 45 Degrees	+/- 45 Degrees
Spindle Motor (hp)	3	5
Spindle Taper	R8 (ISO30)	ISO40
Quill Feed (mm)	0.04/0.08/0.14	0.04/0.08/0.14
Spindle Speed	50-3750 (2 Speed)	54-2875 (2 Speed)
Overall Height (mm)	2140	2375
Overall Depth (mm)	1618	2120
Overall Width (mm)	1670	1840
Net Weight (kgs)	950	1600

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