

**Features:**

- **Gearbox:** Dual range Inch/Metric quick change
- **Spindle Speeds:** Infinitely variable from 50-4000rpm
- **Carriage:** Full bearing with Turcite-B slideway material for smooth movement
- **Spindle Bearings:** High precision preloaded angular contact ball bearings, eliminating radial and end play
- **Chuck:** Fast lever collet chucking with a single movement
- **Feeds:** Independent, infinitely variable, ensuring accurate cuts, efficient chip removal, and smooth surface finishes
- **Threading:** Quick change gearbox for precision threading; automatic thread length control with fine adjustable stops for accurate threading without thread relief
- **Tool Post:** Quick-action slide for threading, which clears the work instantly during carriage return
- **Bed Way:** Specially designed with hardened and ground alloy tool steel for wear resistance; angular guide ways help chips fall into the chip tray

Model	SL618VS
Spindle Capacity with Chuck	150mm
Spindle Capacity with Expanding Collets	76mm
Spindle Capacity with Round 5C Collets	27mm
Spindle Capacity with Hexagon 5C Collets	22mm
Spindle Capacity with Square 5C Collets	19mm
Spindle Capacity with Step Chucks	27-152mm
Spindle Nose Diameter	55.5mm
Spindle Nose I.D./O.D	5c (10°) / 4° Taper
Spindle Speeds (Variable)	50-4000rpm (5C) / 50-3000rpm (with 6" 3 jaw chuck)
Inverter Spindle Motor	2.2kW (3hp)
Hole Through Spindle	31.75mm
Bar Stock Diameter (5C Collet)	27mm
Distance Between Centres	457mm
Swing over Bed	280mm
Swing over Carriage	230mm
Swing over Cross Slide	152mm
Carriage Power Feed Range (Variable)	8-178mm
Cross Slide Power Feed Range (Variable)	5-102mm
Cross Slide Travel	152mm
Quick-Action Compound Slide Travel	2.5mm
Compound Slide Travel	76mm
Tailstock Spindle Diameter	34.5mm
Tailstock Spindle Taper	MT2
Tailstock Spindle Travel	95mm
Coolant Pump	1/6hp, 220V, 3ph
Feed Inverter Motor	0.37kW (0.5hp)
Range of Threads	0.275-2.7mm
Main Motor	2.24kW (3hp)
Feed Motor	110V, 70W
Available Power Supply	1 Phase / 3 Phase
Net Weight	820kg
Machine Dimensions	1910 x 850 x 1860mm

Standard Accessories:

- MT2 Tailstock
- Work Light
- Coolant Pump
- Tool Box
- Manual

Optional Accessories:

- Chuck Back Plate
- 6" 3 Jaw Chuck
- Lathe Dog
- Face Plate
- Step Chuck
- Four Station Turret
- Follow Rest
- Steady Rest
- Vertical Cut-off Slide
- Quick Change Tool Post
- Radius Turning Attachment
- Taper Turning Attachment
- Rear Tool Holder Slide Assembly
- Various Tool and Work Holding Equipment available

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