

**Features:**

- Heavy Duty Construction
- Foot Brake
- Digital Read Out
- Bed Stop

Model	Bristol S 1000	Bristol S 1500	Bristol S 1000VS	Bristol S 1500VS
Centre Height	205mm	205mm	205mm	205mm
Swing over Bed	410mm	410mm	410mm	410mm
Distance Between Centres	1000mm	1500mm	1000mm	1500mm
Swing over Cross Slide	255mm	255mm	255mm	255mm
Swing in Gap	580mm	580mm	580mm	580mm
Gap Length in front of Face Plate	190mm	190mm	190mm	190mm
Cross Slide Travel	210mm	210mm	210mm	210mm
Top Slide Travel	140mm	140mm	140mm	140mm
Bed				
Width	250mm	250mm	250mm	250mm
Max. Weight of Work Piece between centres	150kg	150kg	150kg	150kg
Headstock				
Spindle Nose	D1-6	D1-6	D1-6	D1-6
Spindle Bore	52mm	52mm	52mm	52mm
Spindle Taper	MT6	MT6	MT6	MT6
Number of Spindle Speeds	16	16	2 ranges variable speed	2 ranges variable speed
Range of Spindle Speeds	45-1800r/min	45-1800r/min	30-550r/min or 550-3000r/min	30-550r/min or 550-3000r/min
Tool Section	20 x 20mm	20 x 20mm	20 x 20mm	20 x 20mm
Tailstock				
Quill Diameter	50mm	50mm	50mm	50mm
Quill Travel	120mm	120mm	120mm	120mm
Quill Internal Taper	MT4	MT4	MT4	MT4
Feeds Range and Gearbox				
Longitudinal Feeds	0.05-1.7mm/rev	0.05-1.7mm/rev	0.05-1.7mm/rev	0.05-1.7mm/rev
Cross Feeds	0.025-0.85mm	0.025-0.85mm	0.025-0.85mm	0.025-0.85mm
Metric Threads	0.2-14mm (39steps)	0.2-14mm (39steps)	0.2-14mm (39steps)	0.2-14mm (39steps)
Imperial Threads	2-72tpi (45steps)	2-72tpi (45steps)	2-72tpi (45steps)	2-72tpi (45steps)
Module Threads	0.3-3.5mp (18steps)	0.3-3.5mp (18steps)	0.3-3.5mp (18steps)	0.3-3.5mp (18steps)
Diametrical Threads	8-44dp (21steps)	8-44dp (21steps)	8-44dp (21steps)	8-44dp (21steps)
Leadscrew Pitch	6mm	6mm	6mm	6mm
Motors				
Main Motor	2.2kW(3hp)	3.3kW (4.5hp)	2.2kW (3hp)	3.3kW(4.5hp)
Coolant Pump Motor	0.1kW (0.13hp)	0.1kW (0.13hp)	0.1kW (0.13hp)	0.1kW (0.13hp)
Available Power Supply	3 Phase	3 Phase	3 Phase	3 Phase
Weight and Dimensions				
Machine Dimensions	1940 x 850 x 1320mm	2440 x 850 x 1320mm	1940 x 850 x 1320mm	2440 x 850 x 1320mm
Net Weight	1160kg	1340kg	1160kg	1340kg

Standard Accessories:

- 3 Jaw Chuck 200mm
- 4 Jaw Chuck 250mm
- Digital Read Out
- One Piece Cast Iron Base
- LED Machine Lamp
- Chuck Guard
- Toolpost Guard
- Leadscrew Guard
- Fixed Steady
- Traveling Steady
- Full Length Rear Splash Guard
- Coolant System
- Foot Brake
- Quick Change Tool Post with Tool Holders
- Thread Chasing Dial
- Four Position Micrometer Bed Stop
- Reducing Sleeve
- Steel Centre
- Tool Box
- Operation Manual

Optional Accessories:

- Soft Jaws
- Taper Turning Attachment
- Live Centre
- Indexable Lathe Tools
- Face Plate
- Drill Chuck and Arbor
- Machine Mounts
- 5C Collets and Chuck

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