



Chester Bristol S 1000/1500 Lathe



*Machine shown with optional Variable Speed with CSS system

Features:

- Heavy duty construction
- Foot Brake
- Digital Read Out
- Bed Stop

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

Standard Accessories:

- 3 Jaw chuck 250mm
- 3 Axis DRO
- One piece cast iron base
- LED machine lamp
- Chuck guard
- Tool post guard
- Leadscrew guard
- Fixed steady
- Travelling 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
- Automatic carriage stop
- Reducing sleeve
- Steel centre
- Face plate
- Machine mounts
- Tool box
- Operation manual

Optional Accessories:

- Variable speed*
- CSS
- Soft jaws
- Taper turning attachment
- Live centre
- Indexable lathe tools
- Drill chuck and arbor
- 5C collets and chuck

*Spindle speed VS 30-550r/min or 550-3000r/min

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