



Chester Lathe • Bristol VS Series



Model	Bristol VS 1000	Bristol VS 1500
Centre Height	205mm	205mm
Swing over Bed	410mm	410mm
Distance Between Centres	1000mm	1500mm
Swing over Carriage	85mm	85mm
Swing over Cross Slide	255mm	255mm
Swing in Gap	580mm	580mm
Gap Length in Front of Face Plate	160mm	160mm
Cross Slide Travel	210mm	210mm
Top Slide Travel	140mm	140mm
Bed Width	250mm	250mm
Spindle Nose	D1-6	D1-6
Spindle Bore	52mm	52mm
Taper Reduction in Sleeve	MT6/MT4	MT6/MT4
Number of Spindle Speed Ranges	2 kinds low and fast speed	2 kinds low and fast speed
Range of Spindle Speeds	30-550r/min and 550-3000r/min	30-550r/min and 550-3000r/min
Quill Diameter	50mm	50mm
Quill Travel	120mm	120mm
Quill Internal Taper	MT4	MT4
Longitudinal Feeds	0.05-1.7mm/rev	0.05-1.7mm/rev
Cross Feeds	0.025-0.85mm/rev	0.025-0.85mm/rev
Metric Threads	39kinds,0.2-14mm	39kinds,0.2-14mm
Imperial Threads	45kinds,2-72T.P.I.	45kinds,2-72T.P.I.
Module Threads	18kinds,0.3-3.5M.P.	18kinds,0.3-3.5M.P.
Diametrical Threads	21kinds,8-44D.P.	21kinds,8-44D.P.
Pitch of Leadscrew	6mm	6mm
Main Motor	2.2/3.3kw,(3/4.5hp)3ph	2.2/3.3kw,(3/4.5hp)3ph
Coolant Pump Motor	0.1kw(1/8hp),3ph	0.1kw(1/8hp),3ph
Floor Space	2440x850x1320mm	2940x850x1320mm
Net Weight	1340kg	1550kg

- Hardened and Ground Bed ways
- Digital Readout
- Bed Stop
- Constant Surface Speed (on CSS machines only)

Standard Accessories:

- ✓ 2 Axis Digital Read Out
- ✓ 3 Jaw Chuck
- ✓ 4 Jaw Chuck
- ✓ Fixed Steady
- ✓ Following Steady
- ✓ Live Centre
- ✓ Steel Centre
- ✓ Reducing Sleeve
- ✓ Coolant System
- ✓ Chuck Guard
- ✓ Leadscrew Guard
- ✓ Foot Brake
- ✓ Work Lamp
- ✓ Manual and Parts List

Optional Accessories:

- Face Plate
- Taper Turning Attachment
- Drill Chuck
- Quick Change Tool post
- Indexable Lathe Tools
- CSS System

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

