



CHESTER VICTORY 460VS SERVO - 500VS-L SERVO



Victory 500VS Model

Features:

- Servo-driven ballscrew feed on all three axes
- Heavy-duty high-rigidity cast iron body
- Universal milling head with semi-sphere swivel range
- ISO40 spindle taper with wide geared speed range (460VS)
- ISO50 spindle taper with wide geared speed range (500VS/VSL)
- Rapid traverse on all axes
- Turcite-B coated guideways
- Centralised automatic lubrication system

Model	Victory 460VS Servo	Victory 500VS Servo	Victory 500VS-L Servo
Working Surface	460 x 1235mm	500 x 1600mm	500 x 2000mm
T-Slots (Qty/Width)	5/18mm	5/18mm	5/18mm
T-Slot Pitch (Centres)	80mm	80mm	80mm
X-Axis Travel (Manual)	900mm	1200mm	1400mm
X-Axis Travel (Automatic)	900mm	1200mm	1400mm
Y-Axis Travel (Manual)	650mm	700mm	700mm
Y-Axis Travel (Automatic)	650mm	700mm	700mm
Z-Axis Travel (Manual)	450mm	500mm	500mm
Z-Axis Travel (Automatic)	450mm	500mm	500mm
Load Capacity	800kg	1800kg	1800kg
Table Swivel Range	45°	45°	45°
Spindle			
Spindle Taper	ISO40	ISO50	ISO50
Speed Control	27-step	27-step	27-step
Speed Range	30-2050rpm	30-2050rpm	30-2050rpm
Spindle Centre to Column	20-670mm	45-745mm	45-745mm
Spindle Nose to Table	58-508mm	50-550mm	50-550mm
Drawbar	M24	M24	M24
Head Swivel Range	360°	360°	360°
Feed Rates			
Number of Feeds	Variable	Variable	Variable
X-Axis (Longitudinal)	10-1000mm/min	10-1000mm/min	10-1000mm/min
Y-Axis (Cross)	10-1000mm/min	10-1000mm/min	10-1000mm/min
Z-Axis (Vertical)	6-640mm/min	5-500mm/min	5-500mm/min
X-Axis Rapid Traverse	2200mm/min	2200mm/min	2200mm/min
Y-Axis Rapid Traverse	2200mm/min	2200mm/min	2200mm/min
Z-Axis Rapid Traverse	1100mm/min	1100mm/min	1100mm/min
Motor/Type			
Vertical Spindle Motor/Geared	5.5kW (7.48hp)	7.5kW (10.2hp)	7.5kW (10.2hp)
Feed Motor, X Axis/Servo	3.6kW (4.83hp)	3.6kW (4.83hp)	3.6kW (4.83hp)
Feed Motor, Y Axis/Servo	3.6kW (4.83hp)	3.6kW (4.83hp)	3.6kW (4.83hp)
Feed Motor, Z Axis/Servo	5.5kW (7.48hp)	5.5kW (7.48hp)	5.5kW (7.48hp)
Coolant Motor	0.09kW (0.12hp)	0.09kW (0.12hp)	0.09kW (0.12hp)
Weight and Dimensions			
Machine Dimensions	2570 x 2035 x 1990mm	2625 x 2460 x 2080mm	2625 x 2860 x 2080mm
Net Weight	3600kg	4200kg	4500kg

Standard Accessories:

- 3 Axis Digital Readout
- 3 Axis Power Feed
- LED Work Lamp
- Coolant System
- Table Guard
- Drawbar and Drawbar Wrench
- Chip Tray/Collector
- Manual Lubrication System
- Toolbox
- Operation Manual

Optional Accessories:

- Automatic Lubrication System
- Semi Universal Dividing Head
- Fully Universal Dividing Head
- Rotary Table
- Machine Vice
- Clamp Kit
- Drill Chuck
- ER Milling Collet Chuck Set
- Boring Head
- Reducing Sleeve Set
- Combination Shell End Mill Arbors
- Long Milling Arbors
- End Mill Set
- Angle Plate
- Tilting Angle Table

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