



Chester Economy Slant Bed CNC Lathe • S Series



- 45° Integrated Slant Bed with High Rigidity and Easy Chip Removal
- X and Z Axis with Precision Linear Rolling Guide with no Backlash
- High Rigidity and Accuracy
- High Rigid Construction Spindle for Variable Constant Linear Speed Cutting and High Speed Cutting
- Safety Protection Design
- Ergonomic Design
- Sauter Electric Turret

Standard Accessories:

- ✓ FANUC Oi TF(5) CNC Controller
- ✓ FANUC Servo Motors for X/Z and Spindle
- ✓ Sleeve Spindle 6000rpm
- ✓ 8-way Hydraulic Tool Turret
- ✓ 6" Closed Hydraulic 3-jaw Chuck
- ✓ Linear Guides Ways and Ball Screws
- ✓ Auto Conveyor
- ✓ Tool Box
- ✓ Operational Manual

Optional Accessories:

- Hydraulic Servo or Electric Tool Post
- Hollow Chuck
- Hydraulic or Programmable Tailstock
- Renishaw Tool Setter Measuring Instrument

Model	S10	S15
Machining		
Max.Swing Over Bed	330mm	360mm
Max.Cutting Dia.for Disc Parts	200mm	250mm
Max.Cutting Dia.for Axle Parts	120mm	150mm
Max.Cutting Length for Axle Parts	300mm	300mm
Spindle		
Spindle Bore	38mm	56mm
Spindle Nose	A-4	A-5
Spindle Speed	6000r/min	6000r/min
Travel		
Max.Travel of Axis X	115mm	150mm
Max.Travel of Axis Z	310mm	320mm
Feed		
Rapid Feed for Axis X	12m/min	12m/min
Rapid Feed for Axis Z	20m/min	20m/min
Turret		
Tool Post Stations	8	8
Live Tool Serve Motor Power	n/a	n/a
Maximum Speed of Live Tool	n/a	n/a
Outside Dia. Cutting Tool Shank	20x20mm	25x25mm
Max.Inner Dia.Cutting Tool Shank	25mm	32mm
Tailstock		
External Diameter of Tailstock Sleeve	63mm	80mm
Max. Travel of Tailstock Sleeve	100mm	90mm
Taper of Tailstock Sleeve	MT.No.3	MT.No.4
Others		
Power of Main Motor	3.7/5.5kw(5.03/7.48hp)	7.5/11kw(10.2/14.96hp)
The Bed Structure	45° slant bed	45° slant bed
Min.Input	0.001mm	0.001mm
Repeatability	≤0.006mm	≤0.006mm
Chuck Dia.	6°	6°
Overall Dimensions	3115x1525x1685mm	2700x1460x1680mm
Net Weight	2500kg	3000kg

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

