



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

Model	S28	S30
Machining		
Max.Swing Over Bed	520mm	650mm
Max.Cutting Dia.for Disc Parts	420mm	500mm
Max.Cutting Dia.for Axle Parts	250mm	320mm
Max.Cutting Length for Axle Parts	500mm	1000mm
Spindle		
Spindle Bore	65mm	90mm
Spindle Nose	A-6	A-8
Spindle Speed	4000/5000(sleeve)r/min	2500r/min
Travel		
Max.Travel of Axis X	255mm	270mm
Max.Travel of Axis Z	600mm	1060mm
Feed		
Rapid Feed for Axis X	30m/min	16m/min
Rapid Feed for Axis Z	30m/min	20m/min
Turret		
Tool Post Stations	12	12-ways
Live Tool Serve Motor Power	n/a	n/a
Maximum Speed of Live Tool	n/a	n/a
Outside Dia. Cutting Tool Shank	25x25mm	25x25mm
Max.Inner Dia.Cutting Tool Shank	40mm	40mm
Tailstock		
External Diameter of Tailstock Sleeve	80mm	100mm
Max. Travel of Tilstock Sleeve	120mm	200mm
Taper of Tailstock Sleeve	MT.No.4	MT.No.6
Others		
Power of Main Motor	11/15kw(14.96/20.4hp)	18.5/22kw(25.16/29.92hp)
The Bed Structure	45° slant bed	45° slant bed
Min.Input	0.001mm	0.001mm
Repeatability	≤0.006mm	≤0.006mm
Chuck Dia.	8°	12°
Overall Dimensions	4500x1850x2000mm	4200x1980x2260mm
Net Weight	4300kgs	7000kgs

Standard Accessories:

- ✓ FANUC Oi TF(5) CNC Controller
- ✓ FANUC Servo Motors for X/ Z and Spindle
- ✓ Sleeve Spindle 5000rpm
- ✓ 12-way Hydraulic Tool Turret
- ✓ 8" Closed Hydraulic 3-jaw Chuck
- ✓ Linear Guides Ways and Ball Screws
- ✓ Auto Conveyor
- ✓ Tool Box
- ✓ Operational Manual

Optional Accessories:

- CNC System
- Hydraulic Servo or Electric Tool Post
- Hollow Chuck
- Hydraulic or Programmable Tailstock
- Renishaw Tool Setter Measuring Instrument
- Sleeve or Electric Spindle

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

