

CNC SLANT BED LATHE S SERIES



*MODEL SHOWN IS FOR ILLUSTRATION PURPOSES ONLY.
ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

The CNC Slant Bed Lathe by Standard Modern has an established reputation throughout North America in toolrooms, workshops and schools across the continent.

Standard Modern lathes stand for:

- » Quality
- » Reliability
- » Versatility



FEATURES

- » HAND SCRAPED SURFACES
- » THREE POINT HIGH PRECISION SPINDLE ROLLER BEARINGS
- » HIGH PRECISION AND DYNAMICALLY BALANCED SPINDLE
- » HARD AND GROUND PRECISION "X" & "Z" BALL SCREWS
- » USER FRIENDLY HIGH PERFORMANCE CNC CONTROL
- » SHOP TURN PROGRAMMING



MACHINE	S-16	S-22
Swing Over Bed	16" (406mm)	22" (560mm)
Max. Turning Diameter	10" (254mm)	22" (560mm)
Max. Turning Length	14" (355mm)	24" (609mm) / 46" (1168mm)
Distance Between Centers	20" (508mm)	31.5" (800mm) / 54.5" (1386mm)
Hydraulic Chuck Diameter	6" (152.4mm)	10" (254mm)
Hydraulic Tool Change	8 stations-OD.750" tool	10 stations-OD 1" tool
Voltage	460V/ 3 Phase	460V/ 3 Phase

HEADSTOCK

Spindle Nose	A2-5	A2-6
Spindle Bore	2.06" (53mm)	3.06" (77.7mm)
Spindle Speed - H/L r.p.m	100-6000	40-3500
Spindle Drive	15 HP	20 HP

AXIS

Maximum Rapid Feed X	945 in/min (24 m/min)	945 in/min (24 m/min)
Maximum Rapid Feed Z	945 in/min (24 m/min)	945 in/min (24 m/min)

TAILSTOCK

Quill Diameter	2.75" (70mm)	3" (75mm)
Quill Taper	#4 M. T	#5 M.T
Quill Stroke	2.55" (65mm)	3.5" (90mm)

SHIPPING DATA

Weight Net lbs./kg.	4850lbs (2200kg)	9150lbs (4150kg) 11500lbs (5250kg)
Weight Shipping lbs./kg.	5300lbs (2450kg)	9600lbs (4350kg) 12200lbs (5333kg)
Coolant Pump/ Capacity	15gal.	20gal.



Siemens Control Panel



Hand Scraped Surfaces

STANDARD EQUIPMENT & CNC CONTROL

- » Heat Exchanger for the Electric Cabinet
- » Hydraulic 3-Jaw Chuck 10"
- » Hydraulic System
- » Automatic Lubrication
- » Front Door Interlock
- » Coolant System
- » Work Light
- » Leveling Screws, Pads & Nuts
- » Fully Enclosed Splash Guard
- » Chip Conveyor
- » 10.4 in. Colour TFT Display/ Opt. 15 in.
- » Graphic CNC Simulation Plane Display
- » Wide Range of Turning Cycle For Standard Geometries
- » USB and RJ45 Interfaces on Operator Panel Front
- » Inch/Metric Operation

OPTIONAL ACCESSORIES

- » C-Axis
- » Chip Bucket
- » Parts Catcher (Air)
- » Bar Feeder
- » Programmable Tailstock
- » Automatic Door
- » High Pressure Cooling Pump with Filtration System
- » Touch Probe Tool Measurement System
- » Transformer for Different Voltages
- » Factory Automation Equipment
- » Standard Modern USB Memory Stick
- » Please Inquire About Any Other Options