

Slant Bed Lathes

ID-MAX 700



SOFTWARE

CAZENEUVE OPTIMAX³ CNC Assistance
SIEMENS 840D sI MICROBOX

CNC SIEMENS 840D sI
OPERATE - ShopTurn

MACHINE CAPACITIES

Distance between centres	1100 mm	1600 mm	2000 mm	3000 mm
Swing over bed				750 mm
Maximum turning diameter				550 mm
Transverse travel (X)				305 mm
Longitudinal travel (Z)	1250 mm	1750 mm	2250 mm	3150 mm

SPINDLE

Maximum rotation speed				2700 rpm.
Spindle nose				A2-8"
Bore diameter				∅ 100 mm
Bar capacity with hydraulic chuck ∅ 300 mm				∅ 90 mm
Motor power	S1			22 kW
	S6			72 kW

AXES

Z axis	Drive system	Ball screw – pitch 10 mm		
	Rapid feed	20 m/min.		
X axis	Drive system	Ball screw – pitch 10 mm		
	Rapid feed	20 m/min.		

STANDARD EQUIPMENT

Guideways	Prismatic			
Material & Quality of bed	Cast iron (EN-GJL-250) – High frequency hardening (48 - 52 HRC)			
Automatic turret	12 stations – VDI 50 or BOT			

HYDRAULIC TAILSTOCK

Quill diameter	85 mm			
Quill travel	120 mm			
Morse taper	MT5			
Tailstock travel	1085 mm	1585 mm	2085 mm	2985 mm

MISCELLANEOUS

Dimensions (length x width x height)	5700 x 2200 x 2300 mm	6100 x 2200 x 2300 mm	6400 x 2200 x 2300 mm	7000 x 2200 x 2300 mm
Net weight (approx.)	7000 kg	9500 kg	10500 kg	12000 kg
Installed power				50 KVA
Electrical connection	Three-phase 400 V with TN neutral system			