

Slant Bed Lathes

ID-MAX 600



SOFTWARE

CAZENEUVE OPTIMAX³ CNC Assistance
SIEMENS 840D sI MICROBOX

CNC SIEMENS 840D sI
OPERATE - ShopTurn

MACHINE CAPACITIES

Distance between centres	700 mm	1200 mm	1600 mm
Swing over bed			610 mm
Maximum turning diameter			500 mm
Transverse travel (X)			300 mm
Longitudinal travel (Z)	750 mm	1250 mm	1650 mm

SPINDLE

Maximum rotation speed			3500 rpm.
Spindle nose			A2-8"
Bore diameter			Ø 86 mm
Bar capacity with hydraulic chuck Ø 250 mm			Ø 75 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 8 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 40 or BOT

HYDRAULIC TAILSTOCK

Quill diameter			85 mm
Quill travel			120 mm
Morse taper			MT5
Tailstock travel	540 mm	1040 mm	1440 mm

MISCELLANEOUS

Dimensions (length x width x height)	4100 x 1850 x 1880 mm	4600 x 1850 x 1880 mm	5000 x 1850 x 1880 mm
Net weight (approx.)	5500 kg	6000 kg	6400 kg
Installed power			45 KVA
Electrical connection	Three-phase 400 V with TN neutral system		