

Horizontal Lathes

660/720 RANGE



SOFTWARE

CAZENEUVE OPTIMAX³ CNC Assistance
SIEMENS 840D sI MICROBOX

CNC SIEMENS 840D sI
OPERATE - ShopTurn

MACHINE CAPACITIES

Distance between centres	2000 mm	3000 mm	4000 mm	6000 mm
Swing over bed	630 / 710 mm			
Swing over slide	370 / 450 mm			
Transverse travel (X)	390 / 410 mm			
Longitudinal travel (Z)	2000 à 6000 mm			

SPINDLE

Number of speed ranges	2 (automatic change)			
Maximum rotation speed	Standard chuck \varnothing 315 mm	Range I : 2 – 430 rpm		
		Range II : 200 – 2500 rpm		
Spindle nose	D1-11" – CamLock fixing – DIN 55029 – Metric taper 150 mm			
Bore diameter	\varnothing 140 mm			
Motor power (S1)	22 kW			
Spindle torque	S1	Range I : 1685 Nm – Range II : 481 Nm		
	S6	Range I : 3710 Nm – Range II : 1060 Nm		

BED

Width	433 mm
Material / Hardening	Cast-iron (EN-GJL-250) / High frequency hardening (48 to 50 HRC)

AXES

Z axis	Drive system	Ball screw \varnothing 40 mm - pitch 10 mm	Ball screw \varnothing 63 mm pitch 10 mm	Rack and pinion drive with double motor system using master
	Rapid feed	6 m/min		
X axis	Drive system	Ball screw \varnothing 32 mm – pitch 10 mm		
	Rapid feed	6 m/min		

TAILSTOCK

Quill diameter	100 mm
Quill travel	200 mm
Morse taper	MT5

COOLANT

Pressure / Flowrate / Tank capacity	4 bars / 32l/min / 120 l
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MISCELLANEOUS

Dimensions without conveyor (LxWxH)	From 4500 to 9600 x 2730 x 2200 mm			
Net weight (approx.)	6100 kg	7200 kg	8300 kg	10500 kg
Installed power	25 KVA			
Electrical connection	Three-phase 400 V with TN neutral system			