



## SOFTWARE

CAZENEUVE OPTIMAX<sup>3</sup> CNC Assistance  
SIEMENS 840D sI MICROBOX

CNC SIEMENS 840D sI  
OPERATE - ShopTurn

## MACHINE CAPACITIES

Distance between centres	2000 mm	4000 mm	6000 mm	8000 mm	10000 mm	12000 mm
Swing over bed						1150 / 1350 / 1550 mm
Swing over slide						700 / 900 / 1100 mm
Swing over gap						1280 / 1480 / 1680 mm
Transverse travel (X)						650 / 750 / 775 mm
Longitudinal travel (Z)	From 2000 to 12000 mm (depend of the distance between centres)					

## SPINDLE

Rotation speed	Standard chuck $\varnothing$ 630 mm (other choice possible)	Range I : 2 – 200 tr/min Range II : 180 – 900 tr/min
Spindle nose	A2-15" – DIN 55026	
Bore diameter	$\varnothing$ 140 mm (options 220 – 320 - 360 mm)	
Motor power	S1 S6	37 kW 100 kW
Spindle torque	S1	Range I : 5450 Nm Range II : 1925 Nm

## BED

Width	1020 mm
Material / Hardening	Cast-iron (EN-GJL-250) / High frequency hardening (48 to 50 HRC)

## AXES

Z axis	Drive system	Ball screw $\varnothing$ 80 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 $\varnothing$ 40 mm – pitch 10 mm	
	Rapid feed	6 m/min	

## TAILSTOCK

Quill diameter	200 mm
Quill travel	300 mm
Morse taper	MT6

## COOLANT

Pressure / Flowrate	4 bars / 25l/min.
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## MISCELLANEOUS

Dimensions without conveyor (LxWxH)	From 7100 to 17100 (depend of the distance) x 3300 x 2600 mm					
Net weight (approx.)	16500 kg	20000 kg	22000 kg	25000 kg	27500 kg	31000 kg
Installed power						90 KVA
Electrical connection	Three-phase 400 V with TN neutral system					