



SOFTWARE

CAZENEUVE OPTIMAX³ CNC Assistance
SIEMENS 840D sI MICROBOX

CNC SIEMENS 840D sI
OPERATE - ShopTurn

MACHINE CAPACITIES

Distance between centres	700 mm
Swing over bed	390 mm
Swing over slide	200 mm
Transverse travel (X)	180 mm
Longitudinal travel (Z)	610 mm

SPINDLE

Maximum rotation speed	Standard chuck (∅ 215 mm)	3000 rpm.
	Other chuck	to 4000 rpm.
Spindle nose		A1-6" – DIN 55026
Bore diameter		∅ 54 mm
Motor power	S1	11 kW
	S6	22 kW
Spindle torque	S1	190 Nm
	S6	280 Nm

BED

Width	330 mm
Material – Quality	Cast iron (EN-GJL-250) – High frequency hardening (48 - 50 HRC)

AXES

Z axis	Drive system	Ballscrew ∅ 32 mm - Pitch 5 mm
	Rapid feed	5 m/min.
X axis	Drive system	Ballscrew ∅ 20 mm - Pitch 5 mm
	Rapid feed	5 m/min

TAILSTOCK

Quill diameter	60 mm
Travel	140 mm
Morse taper	MT4

COOLANT

Pressure – Flowrate – Tank capacity	2 bars - 25 l/min - 45 l
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MISCELLANEOUS

Dimensions (length x width x height)	2600 x 1950 x 1680 mm
Net weight (approx.)	2000 kg
Installed power	22 KVA
Electrical connection	Three-phase 400 V with TN neutral system