



SOFTWARE

CAZENEUVE OPTIMAX³ CNC Assistance
SIEMENS 840D sI MICROBOX

CNC SIEMENS 840D sI
OPERATE - ShopTurn

MACHINE CAPACITIES

Distance between centres	1100 mm	1800 mm
Swing over bed		583 mm
Swing over slide		300 mm
Transverse travel (X)		283 mm
Longitudinal travel (Z)	950 mm	1710 mm

SPINDLE

Maximum rotation speed	Standard chuck (Ø 250 mm)	2500 rpm
	Other chuck	3000 rpm.
Spindle nose		A1-8" – DIN 55026
Bore diameter		Ø 82 mm
Motor power	S1	12 kW
	S6	30 kW
Spindle torque	S1	260 Nm
	S6	500 Nm

BED

Width	436 mm
Material – Quality	Cast iron (EN-GJL-250) – High frequency hardening (48 - 50 HRC)

AXES

Z axis	Drive system	Ballscrew Ø 40 mm - Pitch 5 mm
	Rapid feed	5 m/min.
X axis	Drive system	Ballscrew Ø 25 mm – Pitch 5 mm
	Rapid feed	5 m/min

TAILSTOCK

Quill diameter	100 mm
Travel	235 mm
Morse taper	MT5

COOLANT

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

Dimensions (length x width x height)	3260 x 2038 x 1843 mm	3960 x 2038 x 1843 mm
Net weight (approx.)	2700 kg	3000 kg
Installed power		25 KVA
Electrical connection	Three-phase 400 V with TN neutral system	