

TECHNICAL DATA CNC – Lathe

manufacturer	GILDEMEISTER
type	CTX 600 Serie 2
built	1999
control	Heidenhain CNC Pilot



Working area

Swing Ø over cover	680 mm
Swing Ø over cross slide	455 mm
Axial travel (X-Axis)	320 mm
Longitudinal travel (Z-Axis)	1.097 mm
Max. turning length	1.000 mm

Turret

Number of seats	12 pc.	
Tool holder	VDI 50	DIN 698800
Driven tools	No	

Headstock

Spindle head Ø	220h5	mm	Flat flange
Diameter front bearing	140	mm	
Spindle bore	107	mm	
Max. chuck diameter	315 / 400	mm	
Drive power, 100% ED	30	kW	
Max. torque	650/2.000	Nm	
Speed range	4 – 2.800	min-1	

Feeds

Cross slide (X-axis)	5.000	mm/min
Longitudinal slide (Z-axis)	5.000	mm/min
Rapid traverse X-axis	24	m/min
Rapid traverse Z-axis	30	m/min
Max. feed force X-axis	8	kN
Max. feed force Z-axis	15	kN

Tailstock

Quill diameter	120	mm
Quill stroke	120	mm
Mounting cone	MK 5	

Dimensions and weight

Machine dimensions LxBxH approx.	5560 x 2400 x 2130	mm
Machine weight approx.	8700	kg

Equipment & accessories

CNC lathe for turning of chuck and shaft parts

- with program controlled, movable tailstock
- stationary tools
- Chip conveyor
- 1 pc. 3-jaw power chuck make SCHUNK type ROTA-NC 315-86
- Oil mist extraction
- Coolant system (integrated in chip conveyor)