

TECHNICAL DATA
CNC – Lathe in slant bed design

manufacturer	BOEHRINGER
type	VDF 250 Cm
built	1997
control	Siemens SINUMERIK 840C



Working area

Swing Ø over cover	550 mm
Swing Ø over cross slide	480 mm
Axial travel (X-Axis)	405 mm
Longitudinal travel (Z-Axis)	1.099 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 size	8	DIN 55026
Diameter front bearing	150 mm	
Spindle bore	103 mm	
Max. chuck diameter	315 mm	
Max. drive power, 50% ED	53 kW	
Max. torque	780 Nm	
Speed range	30 – 3.000 min-1	

Feeds

Cross slide (X-axis)	10.000 mm/min
Longitudinal slide (Z-axis)	10.000 mm/min
Rapid traverse X-axis	10 m/min
Rapid traverse Z-axis	10 m/min
Max. feed force	15 kN

Dimensions and weight

Machine dimensions LxBxH approx.	5400 x 3200 x 2400 mm
Machine weight approx.	11.000 kg

Equipment & accessories

CNC lathe for turning of chuck parts

- Pivoting control panel
- Pressing oil full clamping cylinder make FORKARDT
- Hydraulic system make Hydrokraft
- switch cabinet with cooling unit and temperature controller, make RITTAL
- Chip conveyor with tank capacity 325l, ejection right
- 1 pc. 3-jaw power chuck
- Oil mist extraction
- Coolant system with tank capacity 600l, pump pressure Pmax = 5.5 bar, flow rate Q = 60l/min, pump capacity P = 1.1 kW
- Execution as chuck machine without tailstock
- Operating hours: 43956h | spindle hours: 14525