

**TECHNICAL DATA
CNC-Lathe**

manufacturer	BOEHRINGER
type	VDF 400 Cm
built	2002
control	SINUMERIK 840 C



working area

swing Ø over bed	750 mm
swing Ø over cross slide	700 mm
distance between centres	3.000 mm

feed drives

feed rate	0,1 – 10.000 mm/min
rapid feed	10 m/min
feed power boring	20 kN

main spindle with C-axis function

spindle head taper	size 15	DIN 55026
spindle bore	132 mm	
spindle-Ø in front bearing	190 mm	
max. speed	2.000 min-1	
max. torque	4.100 Nm	
cutting force	25 kN	
gear steps	2	
power	50 kW	65 kW (60% ED)
power chuck	FORKARDT	3 HNF 500-160

tool turret

tool taper	12 x VDI 60	DIN 69880	hereof 6 pc. driven
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tailstock

quill Ø	130 mm
quill stroke	120 mm
taper	SK 40
quill-axial force –adjustable–	25 kN. max

measurement, weight

dimensions l x b x h	8,0 x 3,5 x 2,90 m
weight	28.000 kg

accessories, equipment

Heavy CNC- Lathe for turning operations
1 pc. self centering steady rest Ø 200 + 430 mm
coolant system integrated in chip conveyor
full clamping cylinder
power chuck FORKARDT 3 NHF 500-160
extensive equipment of various tool holders and driven tools