

# MACHINE CAPACITY

## CNC VERTICAL LATHE

- vertical boring and turning machine

Maximum load 10 tons. Turning diameter up to Ø 2500. Unit height maximum 1600 mm.

The machine is equipped with an extra rotation spindle, providing milling and boring within the same set-up. Mastercam is installed.

## CNC HORIZONTAL BORING & MILLING MACHINE

As a standard, the machine is equipped with a hydrostatic plane, handling up to 20 tons of work.

40 tools in automatic tool changer. Table size 1800 x 2000 mm. Travel in X = 2500, Y = 1800, Z = 1250 and W = 750. MasterCam is installed.

## CNC LATHE

CNC Lathe with sup. spindle for milling. Max load 8 ton. Turning up to Ø 1275. Unit length maximum 5000 mm. Spindle bore Ø 235.

Machining is carried out in almost all kinds of materials such as stainless steel, steel, aluminium, and more types of plastic materials by modern high-tech machines, manufacturing items in only a few processes.

The machining tools at Grumsen Equipment are not only intended for the company's own production. They are high demand in connection with difficult processing tasks as well as in work involving heavy, extensive units. For example the company owns a lathe, which can manage units up to 2,5 metres in diameter, lengths of up to 4 metres and weight of 20 tons. An increasing number of companies contract for the use of machinery hours at Grumsen Equipment when they need to deal with tasks beyond the capacity of their own machinery.

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<b>TURNING</b>	<b>Ma. No.</b>	<b>Max Length</b>	<b>Max Dia.</b>	<b>Swing over bed</b>	<b>Bore</b>	<b>Max weight</b>	<b>Accurate</b>	<b>Other</b>
You Ji VTL 2000 ATC-C Vertical turning Lathe	101	1500	2500			10	0,01	CNC with milling spindel
TOS SN 80 drejebænk	102	4000	680	380			0,01	Manuel
Tos SN 60 B	103	2900	650	350	78		0,01	
CNC DooSan LYNX 220LMS	104	500	320		60		0,001	CNC Fanuc Bar loader
Tos SN 40 C	105	1000	410	220	56		0,01	
CNC DooSan PUMA 4100	106	2000	590	590	132		0,005	CNC Fanuc
CNC – Alpha 1550xs	109	1800	370	554	104		0,01	CNC Controlled
Tos SU 100*	110	2000	1030	730	102	8	0,01	
CNC –Alpha 1460xs	115	1500	270	460	77		0,01	CNC Controlled

<b>MILLING</b>	<b>Nr.</b>	<b>X</b>	<b>Travel Y</b>	<b>Z</b>	<b>Table size</b>	<b>Accurate</b>	<b>Other</b>
CNC DooSan MYNX6500	113	1270	670	625	1400x670	0,005	CNC FANUC iSeries MC Plus
CNC Sanco	120	3000	1050	650	3500x1100	0,005	CNC Heidenhain
CNC Hartford	111	1050	600	425	1100x600	0,005	CNC Fanuc
CNC Mazak	112	1050	600	425	1100x600	0,005	CNC Mazatron

<b>VERTICAL MILLING</b>	<b>Nr.</b>	<b>X</b>	<b>Travel Y</b>	<b>Z</b>	<b>Table size</b>	<b>Accurate</b>	<b>Other</b>
You Ji HBF 130 A 0000	125	2500	1800	1500	1800x2000	0,005	CNC Controlled

<b>KEY-SEATING MACHINE</b>	<b>Nr.</b>	<b>Max Lenght</b>	<b>Min/Max bore</b>	<b>Min/Max width</b>	<b>Table size</b>	<b>Accurate</b>	<b>Other</b>
HKZ 100/710D	130	710	ø10/ø500	3/105	800/400	0,1	

<b>SURFACE GRINDER</b>	<b>Nr.</b>	<b>X</b>	<b>Travel Y</b>	<b>Z</b>	<b>Table size</b>	<b>Accurate</b>	<b>Other</b>
Jacobsen 1430	155	800	400	300	800/400	0,001	

All Measurements in mm and tons  
 \*Measuring equipment