



# Machinery 2009

version 2009C03

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## Milling

	<b>X-axes</b>	<b>Y-axes</b>	<b>Z-axes</b>
Micron WF2SA	410	250	300
Deckel FP4M	500	400	400

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## Milling CNC

	<b>X-axes</b>	<b>Y-axes</b>	<b>Z-axes</b>
DMC 64 Linear	640	600	650
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DMG DMU 50T	500	400	400
DMG DMU 80T (5-axes)	880	630	630
DMG 250 Linear (5-axes)	2500	920	750
Ferrari B13	650	350	350
Kafo VMC 950	950	460	520
Fadal VMC 4020 HT	1016	508	711
Fadal VMC 6030	1525	765	765
Micron WF3DCM	500	500	400

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## Milling machines portal

	<b>X-axes</b>	<b>Y-axes</b>	<b>Z-axes</b>
Correa Euro 2000	2000	1250	650
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Zayer KP4000 (5-axes)	3700	2300	1100

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## Hole drilling

	<b>X-axes</b>	<b>Y-axes</b>	<b>Z-axes</b>	<b>W-axes</b>
Juaristi TS-3	4000	2000	800	1800

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## Engraving

	<b>X-axes</b>	<b>Y-axes</b>	<b>Z-axes</b>
Porta 1500	1000	1500	270

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## Milling/ Turning

	<b>∅</b>	<b>Length</b>	
GMX 250 Linear	250	1000	Robot 20 positions

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## Turning

	<b>∅</b>	<b>∅</b>	<b>Length</b>
Colchester master 2500	320	200	1000
Colchester master VS	350	196	1250
Colchester mascot 1600	440	260	1500
Narvik Laurel SK-26100	600	440	2500
Oerlikon	900	810	800




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## Turning CNC

	∅	∅	Length
Hi-eco 21 Hwacheon	300	280	500
Ecoturn Hwacheon	400	250	750
Hi-eco 31 A Hwacheon	520	260	600
Hi-eco 35 Hwacheon	640	320	800
Hi-eco 31 Hwacheon	640	320	1250
FAT Tur 1100	1100	780	6000

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## Vertical eroding

	X-axes	Y-axes	Z-axes	Room	Height
Gromax puls	300	400	300	850 x 550 x 360	500
Charmilles (CNC)	500	400	450	1000 x 600 x 400	580
Charmilles (CNC)	500	400	450	1200 x 750 x 450	580
Ingersoll IG 1000 E	700	1350	500	1000 x 1600 x 550	660

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## Wire eroding

	X-axes	Y-axes	Z-axes	
Mitsubishi DWC90H	250	300	150	
Mitsubishi CX20	350	500	300	
Makino W32FB (High end)	370	270	220	Robot 30 positions

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## Eroding

	X- axes	Y-axes	Z-axes
Charmilles HD8EC	300	250	50

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## Profile grinding

	X-axes	Y-axes	Z-axes
Jung 520	450	160	200
Tacchella 4AM	400	300	250

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## Grinding flat

	X-axes	Y-axes	Z-axes
Blohm	1300	550	560
Kent	1140	540	440

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## Grinding round

	X-axes	Z-axes
Kellenberger 1000 U	1000	500
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## Sawing

	Size
Narvik USMO 260	ø 260
Behringen 420	ø 420
Big Stone CF-530 M	ø 400

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## Press

	Size
Reis Tus 60	570 x 670 x 740
Overlasko 80	1250 x 1500 x 1200

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## 3-D measuring

	X-axes	Y-axes	Z-axes
Wenzel Xorbit XO 55	900	800	400

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## Projector

	Movement	Table	Height
Baty SM 350 XLS	150 x 50	300 x 150	75

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## CAD / CAM

Software 2D	Pro/ENGINEER
Software 3D	Power Mill, Power Shape, Pro/ENGINEER, B&W Mold

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## Communications info

Drawings 2D	IGES, DWG, DXF
Models 3D	IGES, SET, VDA, Neutral, PRT, DGK, DMT, STEP, Parasolid, Catia