


EQUIPMENT LIST by 01st of March, 2014

			Measurements (mm if not shown other)		
			X	Y	Z (+W)
Horizontal boring					
CNC horizontal borer	FERMAT WFC 10, 3000 kg table	2013	2000	1700	1250(+730)
Milling					
CNC-milling machine	QUASER MV154PL/12 BT40	2008	1020	530	560
with 4 th axis rotary tool	Tanshing MRNC 255 HB				
CNC-milling machine	QUASER MV154PL/12 BT40	2007	1020	530	560
with 4 th axis rotary tool	Tanshing MRNC 255 HB				
CNC-milling machine	Hartford Kappa MVC1100sp SK50	2008	1270	610	610
CNC-milling machine	Haas VF2 SSHE	2004	762	406	508
Universal milling machine	Knuth VHF 1	2004	350	210	300
Manual milling machines	5 off		1000	400	400
Horizontal milling machine	1 off		600	300	400
Dowel's planing machine	1 off				200
Turning					
CNC turning center	Doosan Puma 2600MSB 2-spindle	2011	Ø400		830
CNC turning center	Doosan Puma 300 LMC	2005	Ø400		1050
CNC turning machine	Takisawa EX-110	2008	Ø400		710
CNC turning machine	Takamaz EX-10	1990	Ø42	High volume production	
CNC turning machine	Nakamura-Tome TMC-15M	1988	Ø27	High volume production	
Turning machine	FT-11X1000	1983	Ø400		1000
Turning machine	1862	1992	Ø200		800
Cutting			X	Y	Z
CNC Plasma cutter	Microstep MicroCut-P	2004	3000	2000	= 2-35
CNC Belt saw	Katso SBA 260 AU	1990	260	260	
Belt saw	Metora MBS 400	1990	400	400	
Belt saw	Bomar Ergonomic	2003	250	300	
Guillotine cutters	2 machines	1980	2000		= 1-4
Grinding					
Flat grinding machine	3B722	1974	400	250	300
Boring					
Upright boring machines	2 off				
Radial boring machines	2 off				
Table boring machines	3 off				
Pressing					
Hydro press	P6326	1973	40 t		
Hydro press	Rute	1985	3 t		
Brake press	Promecom	1995	2400		= 3
Bending machine	1B2144B	1992	2000		= 4
Roll mills	2 machines		1000	2000 mm	= 2
Welding					
Manual welding	4 work places, MIG/MAG, TIG, incl Wallius LMC 320				
Manual welding	1 work place, Fronius TPS 4000 Digital				
Engineering					
CAD-CAM	Solid Edge, Cimco Edit/Calc/DMC				
Quality Control					
Tool Presetting System	EZSET-IC1 with camera and printer		400		400
Calibrated tools	calipers, gauges, micrometers				