



Principle Plant List	Control System	Dia Ø	Traverse Movement			No of Axis	
			X	Y	Z		
<b>CNC Mill-Turn Machining Centres</b>							<b>Spindle Bore</b>
Mazak Integrex e420H 5 Axis Lathe - <b>Max Ø245 Steady</b>	Mazatrol	670	845	420	3,060	5	117
Mazak Integrex i400H 5 Axis Lathe - <b>Max Ø200 Steady</b>	Mazatrol	658	615	250	1585	5	112
Mazak Integrex j400-650 5 Axis Lathe	Mazatrol	500	615	250	650	5	102
Mazak Integrex j400-650 5 Axis Lathe	Mazatrol	500	615	250	650	5	102
<b>CNC Turning</b>							<b>Spindle Bore</b>
HAAS SL40	Fanuc	650	-	-	1050	2	100
Daewoo Puma 300LB	Fanuc 18i	400	-	-	1000	2	76
Daewoo Puma 400B	Fanuc 18i	550	-	-	1040	2	115
DMG NEF 600	Fanuc 210 iS	600	-	-	1200	2	72
DMG CTX 410 (2 machines)	Fanuc 32i	500	-	-	600	2	66
DMG CTX 400 S2 V3	Heidenhain	350	-	-	635	2	-
DMG CTX 300 Graziano (Bar Feed & Sub-Spindle)	Fanuc	230	-	-	300	2	40
Hitachi TS15 (Bar Feed)	Sigma 21L	250	-	-	300	2	45
Doosan Puma VTS1620M	Fanuc	2000	-	-	1556	3	-
Mazak Quick Smart 200u	Mazatrol	360	-	-	532	2	68
Mazak Quick Smart 300M	Mazatrol	420	-	-	654	3	78
Mazak Slant Turn Nexus 550M - <b>Max Ø421 Steady</b>	Mazatrol	748	465	-	3300	3	165
	Max Turn Ø	910	-	over	280	length	-
Mazak Slant Turn Nexus 550M - <b>Max Ø410 Steady</b>	Mazatrol	748	465	-	3300	3	165
	Max Turn Ø	910	-	over	280	length	-
<b>Horizontal Boring</b>							
Kearns Richards SF 125	-	-	1600	1600	1350	-	-
Kearns Richards SH 75	-	-	1250	1120	1000	-	-
<b>Milling</b>							
Bridgeport Universal Mill with Heidenhain DRO (4 Machines)	-	-	675	305	405	-	-
AJAX Universal Mill with Heidenhain DRO	-	-	950	270	500	-	-

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<b>CNC Milling Machining Centres</b>							
Mazak HCNu8800 Horizontal Spindle	Mazatrol	-	1400	1200	1325	4	2 pallets
Mazak VTC800/30SR 5 Axis	Mazatrol	-	3000	800	720	5	-
Mazak VTC300	Mazatrol	-	1740	760	660	3	-
Mazak VCS530C	Mazatrol	-	1050	530	510	3	-
Deckel Maho 5 Axis DMU 50 EV	Heidenhain	-	500	420	380	5	-
Doosan VC630 / 5ax	Heidenhain	-	650	765	520	5	-
HAAS VFOE	HAAS	-	508	406	508	3	-
HAAS VF3	HAAS	-	1016	500	635	4	-
HAAS VF4	HAAS	-	1270	508	635	4	-
HAAS VF3-SS (with 5th axis unit)	HAAS	-	1016	500	635	5	-
HAAS VF3-SS (2 machines)	HAAS	-	1016	508	635	4	-
HAAS VF3-YT50	HAAS	-	1016	660	635	4	-
HAAS VF6	HAAS	-	1626	813	762	4	-
HAAS VF9	HAAS	-	2134	1016	762	4	-
Asquith Butler Starcut Gantry Mill	Siemens 840D	-	9000	4500	1600	5	-
Asquith Butler Starcut Gantry Mill	Siemens 840D	-	5000	3500	1250	5	-
Asquith Butler LE5000 Horizontal	Siemens 840D	-	10000	3000	1500	4	-
<b>Grinding</b>							
Jones & Shipman 540P Surface Grinder (2Machines)	-	-	450	150	-	-	-
Jones & Shipman 1300 Universal Grinder	-	356	-	-	686	-	-
Jones & Shipman 1079 Universal Grinder	-	356	-	-	1000	-	-
Delepena Speed Hone	-	80	-	-	-	-	-
<b>Turning</b>							
Colchester Master Lathe (2 Machines)	-	480	-	-	1015	-	-
Colchester Mastiff Lathe (1 Machine)	-	815	-	-	2000	-	-
Harrison M400 Lathe	-	480	-	-	1015	-	-
Trens SN710S Lathe	-	720	-	-	2000	-	-
<b>Waterjet</b>							
Bystroni C 3015	-	3000	-	-	2000	-	-
Automatic Height Sensing	-	-	-	-	-	-	-
<b>Plasma</b>							
Esprit Viper C 4044	-	6000	-	-	2000	-	-
Rotational Bevel Head System / Automatic Plasma Height Control	-	-	-	-	-	-	-
<b>Laser</b>							
Trumpf Trulaser 5040 - 6.0 kw laser	-	4000	-	-	2000	-	2 pallets
Trumpf Trulaser 3030 - 5.0 kw laser	-	3000	-	-	1500	-	2 pallets
Automatic Beam Alignment / Automatic Nozzle Changer	-	-	-	-	-	-	-
Trumpf Trulaser 3030 - 4.0 kw laser	-	3000	-	-	1500	-	2 pallets
Automatic Beam Alignment / Automatic Nozzle Changer	-	-	-	-	-	-	-
<b>EDM</b>							
Wire Erosion - Charmilles Robofil 510P	-	-	700	400	400	5	-
Wire Erosion - Charmilles Robofil 440 (Submerged)	-	-	550	350	400	5	-
Spark Erosion - Charmilles Form 2-LC with Orbi-cut	-	-	300	200	200	-	-
Spark Erosion - Charmilles Robo 40 CNC (1220 x 780 tank)	-	-	350	300	250	-	-
Spark Erosion - Vector	-	-	300	200	145	-	-
<b>Inspection (temperature controlled room)</b>							
Mitutoyo BHN506 CNC CMM (3D Geopak 3 Programming)	-	490	590	290	3	-	-
Mitutoyo B231 Co-ordinate Measuring Machine	-	700	600	450	3	-	-
Mitutoyo Shadowgraph Projector. Magnification up to 50 to 1	-	200	100	-	-	-	-
Digital Height Gauges (3)	-	-	-	800	-	-	-
<b>CAD / CAM</b>							
Licom AlphaCAM CAD-CAM, Solidworks CAD, Delcam Power Shape CAD and Power Mill CAM	-	-	-	-	-	-	-
<b>2 Paint Chambers 16 mtrs x 5.6 mtrs</b>							

