

Principal Plant List All Sites



CNC Mill / Turn Machines	Table / Chuck Size	Qty	Description	Max Spindle Speed	Max. Dia	Traverse Movements			No.of Axis
						X	Y	Z	
Hankook VTC-160E	1600 diameter	1 off	Vertical Turning / Milling Centre	280	2000	1900	-	1400	4
Hankook VTC-140E	1400 diameter	2 off	Vertical Turning / Milling Centre	320	1600	1600	-	1400	4
Mazak Integrex E800 HII	1200 diameter	1 off	Live spindle turning & Milling Centre	700	1300	1300	800	6350	5
Mazak Integrex E650 HS2	900 diameter	1 off	Live spindle turning & Milling Centre	1600	920	1025	650	4000	5
Mazak Integrex E670H	900 diameter	1 off	Live spindle turning & Milling Centre	1600	920	1025	670	4391	5
Doosan Puma 700XLM Extra Long Bed	810 diameter	2 off	Live spindle turning & Milling Centre	1500	900	900	-	5050	3
Mazak Integrex 70	800 diameter	1 off	Live spindle turning & Milling Centre	1400	915	915	200	2150	4
Doosan Puma 700 LY Long Bed	610 diameter	2 off	Live spindle turning & Milling Centre	1500	900	900	200	3200	3
Doosan Puma 700 LM Long Bed	610 diameter	3 off	Live spindle turning & Milling Centre	1500	900	900	-	3200	3
Doosan Puma 600 M	610 diameter	1 off	Live spindle turning & Milling Centre	1400	900	900	-	1575	3
Mazak Integrex i 400 x 1500 u	305 diameter	1 off	Live spindle turning & Milling Centre twin chuck	3300	668	615	260	1600	5
Hitachi Seiki HCA30 Hicell	305 diameter	1 off	Live spindle turning & Milling Centre	2500	510	510	-	600	3
DMG - DMU 200 FD	1800 Diameter	1 off	5 Axis Milling / Vertical Turning Centre	250	2000	2000	1800	1000	5
DMG - DMC 160 FD	1400 Diameter	2 off	5 Axis Milling / Vertical Turning Centre	300	1400	1600	1250	1000	5
DMG - DMC 125 FD	1100 Diameter	2 off	5 Axis Milling / Vertical Turning Centre	500	1100	1250	1000	1000	5
Mazak Integrex E1060V	1000 Diameter	1 off	5 Axis Milling / Vertical Turning Centre	300	1050	1875	1060	1345	5
Mazak E650	600 Diameter	2 off	5 Axis Milling / Hor Turning Centre	1600	920	1025	650	4391	5
Doosan Puma 700 LM Long Bed	610 Diameter	3 off	Live spindle turning & Milling Centre	1500	1030	900	-	3200	2
Doosan Puma 700 M	610 Diameter	1 off	Live spindle turning & Milling Centre	1500	1030	900	-	1600	2
CNC Machining Centres									
Doosan HM1250	1250 x 1250 2 pallet	3 off	Horizontal Machining Centre	6000	-	2100	1500	1500	4
Toyoda FH100/II	1000 x 1000 2 pallet	1 off	Horizontal Machining Centre	15000	-	1600	1400	1150	4
Mazak H-800	800 x 800 6 pallet	1 off	Horizontal Machining Centre	4500	-	1250	1000	850	4
Doosan HM800	800 x 800 2 pallet	1 off	Horizontal Machining Centre	6000	-	1250	1000	1000	4
Mazak NMH 800	800 x 800 2 pallet	1 off	Horizontal Machining Centre	800	-	1400	1200	1325	4
Doosan HM630	630 x 630 2 pallet	1 off	Horizontal Machining Centre	6000	-	1000	800	850	4
Matsuura MC-900H	630 x 630 2 pallet	1 off	Horizontal Machining Centre	6000	-	920	720	760	4
Matsuura MAM 600	400 x 400 2 pallet	2 off	Horizontal Machining Centre	15000	-	600	600	625	4
Matsuura ES450	300 x 300 5 pallet	1 off	Horizontal Machining Centre	15000	-	450	400	400	4
Deckel Maho DMU 80 P	630 Diameter	1 off	5 Axis Machining Centre	18000	-	800	700	600	5
Mazak FJV 60 / 80	2250 X 1250	1 off	Vertical Machining Centre	10000	-	2000	1440	585	4
Mazak VTC800/30SR	3000 x 800	1 off	5 Axis Machining Centre	18000	-	3000	800	720	5
Haas VF 11/50T	3000 x 710	1 off	Vertical Machining Centre	7500	-	3000	1000	760	4
Haas-VF 6	1620 X 710	1 off	Vertical Machining Centre	7500	-	1625	812	762	4
Haas-VF 4	1320 X 450	3 off	Vertical Machining Centre	7500	-	1270	508	365	4
Haas VF 3	1220 x 460	1 off	Vertical Machining Centre	7000	-	1000	550	500	4
Bridgeport Interact 1Mk.2	840 X 320	1 off	Vertical Milling Machine	3500	-	485	305	400	4
DMG DMU 200P	1700 Diameter	1 off	5 Axis Machining Centre	2000	2000	2000	1800	1000	5
DMG DMU 80P	900 Diameter	1 off	5 Axis Machining Centre	10000	900	800	800	800	5
Deckel Maho EVO 50	500 X 380	4 off	5 Axis Machining Centre	18000	-	500	420	380	5
Deckel Maho 64V	850 x 600	1 off	Vertical Machining Centre	12000	-	640	600	500	3
Deckel Maho 103V	1200 x 600	2 off	Vertical Machining Centre	10000	-	1000	600	600	4
Mazak FH 8800	800 x 800	1 off	4 Axis Hor Machining Centre	7000	1250	1290	1320	990	4
Mazak FH 6800	630 x 630	3 off	4 Axis Hor Machining Centre	10000	900	1050	900	950	4
Mazak HCN 6000	630 x 630	1 off	4 Axis Hor Machining Centre	10000	900	800	800	950	4
Hitachi Seike HG 630	630 x 630	1 off	4 Axis Hor Machining Centre	6000	-	950	820	760	4
Cincinnati Lancer 1250	1520 x 760	1 off	4 Axis Hor Machining Centre	8000	-	1250	600	900	4
Hurco VMC1	760 x 335	2 off	Vertical Machining Centre	8000	-	660	355	450	3
Leadwell VMC30	760 x 400	1 off	Vertical Machining Centre	6000	-	800	400	500	3
CNC Turning									
Harrison Alpha 800S 120	400 diameter	1 off	Turning Centre	1500	600	520	-	2000	2
Tuscan CNC Lathe	610 diameter	1 off	Turning Centre				-	4000	2
Hankook Protec CNC Lathe	610 diameter	1 off	Turning Centre				-	4000	2
Doosan Puma 700 Long Bed	610 diameter	1 off	Turning Centre	1400	900	900	-	3200	2
Doosan Puma 600	610 diameter	3 off	Turning Centre	1400	900	900	-	1575	2
Doosan Puma 600 Long Bed	610 diameter	2 off	Turning Centre	1400	900	900	-	3200	2
Doosan Puma 500	610 diameter	1 off	Turning Centre	956	700	700	-	1575	2
Doosan Puma 480L	550 diameter	3 off	Turning Centre	1500	650	900	-	2000	2
Doosan Puma 450	460 diameter	1 off	Turning Centre	1700	700	700	-	1575	2
Doosan Puma 15	460 diameter	1 off	Turning Centre	1700	640	640	-	1575	2
Doosan Puma 400	460 diameter	2 off	Turning Centre	3000	305	362	-	1000	2
Gildemeister CTX 410	250 diameter	1 off	Turning Centre	5000	250	250	-	600	2
Hitachi Seiki HR23 Mk.2	250 diameter	2 off	Turning Centre	4000	320	320	-	600	2
Doosan S670L	610 diameter	1 off	Turning Centre	1500	1000	1000	-	1800	2
Doosan Puma 400 MV	400 diameter	2 off	Turning Centre						
Mazak Quickturn Nexus 250MS-2	250 diameter	1 off	Turning Centre	5000	375	375	-	540	2
Haas TL20	250 diameter	1 off	Turning Centre	3000	250	150	-	470	2
Conventional Turning									
Colchester Mastiff 1400		1 off	Centre Lathe with D.R.O.	1400	535	2500	-	-	2

Colchester Master 2500		1 off	Centre Lathe with D.R.O.	2000	350	1500	-	-	2
CNC Wire Erosion									
Charmilles 290P		1 off	Wire Eroder	-	-	400	250	200	5
Charmilles Robofil 510P		1 off	Wire Eroder	-	-	700	400	400	5
Charmilles 230		1 off	Submerged - Wire Eroder	-	-	350	220	220	5
Charmilles Robofil 330F		1 off	Submerged - Wire Eroder	-	-	400	300	400	5
CNC Spark Erosion									
Charmilles Roboform 4000		1 off	CNC Spark Eroder with C Axis	-	-	450	320	410	4
Charmilles Roboform 30		1 off	CNC Spark Eroder with C Axis	-	-	350	250	300	4
Charmilles HD8		1 off	EDM Hole Driller	-	-	350	250	350	3
Portable Disintegrator		1 off	Disintegrator	-	-	-	-	-	-
Grinding									
Jones & Shipman 1076		1 off	Cylindrical Grinder with D.R.O	2000	356	800	-	-	2
Jones & Shipman 540P		1 off	Surface Grinder with Optidress	2850	-	457	152	400	3
XYZ Surface Grinder		1 off	Surface Grinder with Auto feed	1400	-	1000	500	-	3
Welding									
Fronius - Hot wire tig		3 off	Column boom - rotary table	-	1,500	-	800	1,500	2.5
Fronius - Hot wire tig		5 off	Compact - rotary table	-	1,000	-	600	1,000	2.5
Hot wire tig - Semi auto butt weld		2 off	Rotary table	-	1,000	-	800	1,200	2.5
Weld pre heat ovens		2 off	Pre heat oven	-	-	-	-	-	-
Weld Thermal heating blanket (rotating)		1 off	Thermal Welding Blanket	-	-	-	-	-	-
Miller XMT 304 CC/CV MIG / MAG set		1 off	Mig / mag set	-	-	-	-	-	-
Miller Dynasty TIG set		1 off	Tig set	-	-	-	-	-	-
Weld fume extraction system		1 off	Weld fume extraction	-	-	-	-	-	-
Design & Programming									
1 seat Pro Engineer		1 off	3D Parametric Design	-	-	-	-	-	-
1 seat Catia		1 off	3D Modelling	-	-	-	-	-	-
1 seat Solid Works		1 off	3D modelling	-	-	-	-	-	-
4 seats Delcam		4 off	3D Modelling / Programming	-	-	-	-	-	-
1 seat Vericut		1 off	Program Verification	-	-	-	-	-	-
6 seats Alphacam		6 off	2.1/2 D Programming	-	-	-	-	-	-
3 seats FAPT		3 off	Offline CNC Turning Programming	-	-	-	-	-	-
C.M.M./Inspection									
Mitutoyo Euro C	CNC	1 off	Co-ordinate measuring machine	-	-	2000	4000	2000	-
Mitutoyo Euro C - Apex 16164016	CNC	1 off	Co-ordinate measuring machine	-	-	1600	4000	1600	-
Mitutoyo Euro C - Apex 122010	CNC	1 off	Co-ordinate measuring machine	-	-	1200	2000	1000	-
Mitutoyo Euro C - Apex 7106	CNC	1 off	Co-ordinate measuring machine	-	-	700	1000	600	-
Mitutoyo Euro C - Apex 574	CNC	1 off	Co-ordinate measuring machine	-	-	500	700	400	-
Mitutoyo B231	Manual	1 off	Co-ordinate measuring machine	-	-	600	450	450	-
Romer Arm Siema 2025	Manual	1 off	Co-ordinate measuring machine arm	-	2500	-	-	-	-
Yoke and Coil		2 off	Magnetic Particle Inspection	-	-	-	-	-	-
Sonatest D-10 unit		1 off	Ultrasonic Inspection	-	-	-	-	-	-
Deltronic MPC-5		1 off	10 x Shadowgraph	-	-	-	-	-	-
Various inspection equipment			Hardness testing - Bore Endoscope - Surtronic surface finish - Trimos Height gauges - Micrometers - Bore Mics - Screw Gauges						
Various inspection equipment			Gagemaker thread measurement - - metroscope - Granite surface tables						
Wenzel Model LH 2015	CNC	1 off	Co-ordinate measuring machine	-	-	2000	4000	1500	-
Mitutoyo Model BN170	CNC	1 off	Co-ordinate measuring machine	-	-	810	1150	1000	-
IMS Impact 2	CNC	1 off	Co-ordinate measuring machine	-	-	600	700	600	-
Assembly									
Clean Room		1 off	Clean assembly room & wash plant	-	-	-	-	-	-
Hydraulic pressure testing facility		2 off	Fixed Hydraulic test rig	10,000 psi - 690 bar	-	-	-	-	-
Hydraulic pressure testing facility		3 off	Portable Hydraulic test rig	36,250 psi - 2,500 bar	-	-	-	-	-
Gas pressure testing facility		1 off	Gas test rig	10,000 psi - 690 bar	-	-	-	-	-