



## Plant List 2014

Vertical Milling Centres & 5-Axis										
Machine Type	Quantity of Machines	Control	Table (mm)	Trunnion	X	Y	Z	Tools	Through Spindle Coolant	Other Facilities
Mori Seiki DMU 50 ecoline 5-Axis	1	Siemens 840D	630 x 500	Mori Seiki 3+2	500	450	400	30	Yes	BT-40 8,000 rpm Spindle, In Cycle Probing.
Brother TC-32BN-QT	1	Brother CNC-800	Twin Pallet 600 x 425	Nikken 3+1	550	400	415	40	Yes	BT-30 16,000 rpm Spindle, Single Nikken Trunnion + 600 x 400 MicroLoc Work Holding System
Brother TC-32BN-FT	1	Brother CNC-800	800 x 400	N/A	550	400	415	40	Yes	BT-30 16,000 rpm Spindle, 600 x 400 MicroLoc Work Holding System with Laser Tool Setter
Brother TC-S2DN-O High Torque	1	Brother CNC-800	800 x 400	N/A	700	400	300	21	Yes	BT-30 10,000 rpm High Torque Spindle, 800 x 400 MicroLoc Work Holding System
Brother TC-S2DN-O	1	Brother CNC-800	800 x 400	Nikken 3+1	700	400	300	21	Yes	BT-30 16,000 rpm Spindle, 700 x 230 MicroLoc Work Holding System Trunnion Table
Brother TC-S2DN-O	2	Brother CNC-800	800 x 400	N/A	700	400	300	21	Yes	BT-30 16,000 rpm Spindle, 1x 600 x 400 + 1x 800 x 400 MicroLoc Work Holding System
Brother TC-S2DN	1	Brother CNC-800	600 x 400	Nikken 3+1	600	400	300	21	Yes	BT-30 16,000 rpm Spindle, 550 x 230 MicroLoc Work Holding System Trunnion Table
Bridgeport Quaser MV 154PL	1	Heidenhein iTNC530	1200 x 500	N/A	1,020	530	560	30	Yes	BT-40 15,000 rpm Spindle, 670 x 480 MicroLoc Work Holding System
Hardinge Bridgeport GX1000B	1	Siemens 640D	1020 x 609	N/A	1,020	610	559	24	Yes	BT-40 8,000 rpm Spindle, 1000 x 600 MicroLoc Work Holding System
Hardinge Bridgeport GX650B	1	Siemens 640D	664 x 550	N/A	660	510	500	24	Yes	BT-40 8,000 rpm Spindle, 650 x 550 MicroLoc Work Holding System
Cincinnati V-CNC 750	1	Fanuc	939 x 520	N/A	762	610	610	22	Yes	BT-40 8,000 rpm Spindle, with RöhM Work Holding

Lathes										
Machine Type	Quantity of Machines	Control	Overbed Swing (mm)	Max Dia Thru Chuck (mm)	Max. Turning Length (mm)	X-Axis Travel (mm)	Z-Axis Travel (mm)	Max. Spindle Speed	Number Of Tool Stations	Other Facilities
Mazak 250-II MSY	1	MAZATROL	695	80	512	230	575	4,000 rpm	12	6,000 rpm Sub Spindle, 4,500 rpm driven tooling, Bar Fed
Victor Vturn II - 26 C-Axis	1	Fanuc Oi-TD	520	70	300	380	420	4,000 rpm	12	Hydrafeed Multifeed MX-1B
Victor Vturn II - 26	1	Fanuc Oi-TD	520	70	300	380	600	4,000 rpm	12	
Victor Vturn II - 20	1	Fanuc Oi-TD	450	50	250	240	250	4,000 rpm	8	Hydrafeed Multifeed ML1
Star SR-32J	1	Fanuc Oi-TD	310	32	280	32	280	7,000 rpm	23	7,000 rpm Secondary Spindle, 5,000 rpm Driven Tooling, Famas Bar Feeder
EMI-MEC Microsprint 50	1	EMI-MEC Digital Control	50	50	200	50		2,700	6	EMI-MEC Full length Bar Feed
EMI-MEC Microsprint 26	1	EMI-MEC Digital Control	30	26	150	26		3,500	6	EMI-MEC Full length Bar Feed

Quality and Finishing					
Machine Type	Quantity of Machines	Control	X	Y	Z
Wenzel LH65	1	PC-Dmis	650	750	500
Mitutoyo Euro Apex C-A544	1	QCT Inspect 3D	500	450	400
Guyson Formula 1400	1	N/A	815	560	591