



## EQUIPMENT LIST (09-Mar-2012)

### (15) CNC TURNING MACHINING CENTERS

<u>Machine Type</u>	<u>Envelope</u>	<u>Axis</u>	<u># of Machines</u>
Doosan V420	13" Swing x 16"	2	1 (VTL)
Mori-Seiki SL2H	7" Swing x 12"	2	1
Mori-Seiki SL3A	7" Swing x 20"	2	1
Monarch Predator	7" Swing x 20"	2	1
Mori-Seiki SL200	7" Swing x 18"	2	1
Mori-Seiki SL6	27" Swing x 35"	2	2
Mori-Seiki SL603B	36" Swing x 35"	2	1
Mori-Seiki SL7A	34" Swing x 60"	2	1
Mazak 60N	34" Swing x 120"	2	1
Okuma & Howa Act-3x	Up to 2-1/2"	4	1
Okuma & Howa HL35	15" Swing x 20"	2	1
Okuma & Howa Act-2SP-V5	23" Swing x 16"	2	1 (Twin Spindle VTL)
Okuma & Howa V25R	10" Swing x 12"	2	2 (VTL)

### CNC HORIZONTAL MILLING (10) MULTI-PALLET MACHINING CENTERS

<u>Machine Type</u>	<u>Envelope Diameter/Height</u>	<u>Axis</u>	<u>HP</u>	<u>RPM</u>	<u># of Machines</u>
Kiwa KNH-426	24.00" x 27.6"	4	35	12,000	2 (6 Pallets)
Kiwa 400	21.65" x 27.56"	4	20	12,000	2 (6 Pallets)
Kiwa 400	21.65" x 27.56"	4	20	12,000	1 (2 Pallets)
Matsuura MC-600H	26.00" x 26.50"	4	15	6000	1 (2 Pallets)
Matsuura HPlus 405	25.6" x 29.5"	4	30	20,000	2 (26 Pallet Linear Line)
Mazak FH680R	41.34" x 39.34"	4	40	10,000	1 (6 Pallet Linear Line)
Okuma & Howa 630H	39.37" x 37.40"	4	40	10,000	1 (2 Pallets)

**CNC VERTICAL MILLING  
(20) DUAL PALLET MACHINING CENTERS**

<u>Machine Type</u>	<u>Envelope</u>	<u>Axis</u>	<u># of Machines</u>
Fanuc Robo-drill	19.7" x 15" x 11.8"	3	2
Fanuc Robo-drill	27.5" x 15.75" x 13"	3	3
Fanuc Robo-drill (w/pallet)	27.5" x 15.75" x 13"	3	1
Kao Ming KMC-1200DV	47.24" x 27.56" x 19.7"	3	1
Matsuura RA-2	23" x 16" x 19"	3	2
Matsuura RA-3F	30" x 17" x 18"	3	2
Matsuura MC-1000	41" x 20" x 28"	4	1 (Twin Spindle)
Matsuura MC-800	31" x 18" x 20"	4	1 (Twin Spindle)
Mazak VCN-700D	60" x 27.5" x 25.6"	3	1
Monarch VMC-150B	46" x 36" x 36"	4	1
Okuma Millac 852V	80.71" x 33.46" x 29.53"	4	1
SuperMax FV-56A	22" x 16" x 17"	3	1
SuperMax XV 1020A	40" x 20" x 21"	3	1
SuperMax TV-158B	59" x 33.8" x 27.5"	3	1
SuperMax V-168	65" x 30" x 27.5"	3	1

**(7) MILL/TURN MACHINING CENTERS**

<u>Machine Type</u>	<u>Envelope Diameter/Height</u>	<u>HP</u>	<u># of Machines</u>
Integrex E-410H-S II	24" Swing x 54	34	1
Mazak Multiplex 630R	10" Swing x 9"	30	1
Nakamura TW20	Up to 2.5"	20	2
Nakamura WT 250	2.5" Bar or 10" Swing x 22"	15	1 (with Bar Feed)
Nakamura WT250	2.5" Bar or 10" Swing x 22"	15	1
Nakamura WT300	3.125" Bar or 10" Swing x 23 1/2"	25	1

**(5) CNC 5-AXIS MACHINING CENTERS**

<u>Machine Type</u>	<u>Envelope Diameter/Height</u>	<u>HP</u>	<u>RPM</u>	<u># of Machines</u>
Matsuura MAM72-63VPC2	26.0" x 17.7"	25	20,000	2 (2 Pallets)
Mazak Variaxis 500-5X II	24.8" x 19.7"	30	12,000	2 (2 Pallets)
Mazak Variaxis 500-5X II	24.8" x 19.7"	40	18,000	1 (2 Pallets)