

# Equipment List

Item No.	Machine	No. of Axis	No. of Machines	Spindle RPM	X-Axis (inches)	Y-Axis (inches)	Z-Axis (inches)
<b>4 &amp; 5-Axis Fully Automated Cells</b>							
01	Matsuura MAM 72-63V (44) Pallet Linear Robotic Cell	5	4	12,000	30	33	24
02	Starrag 800X (36) Pallet Linear Robotic Cell	5	2	30,000	57	47	51
03	Matsuura Cubex 35 PC32 (32) Pallet Stacker Multi Tasking Robotic Cell	5	1	20,000	22	16	21
04	Matsuura MAM 72-63V PC6 Pallet Pool	5	1	20,000	30	33	24
05	Hitachi Seiki HG 500 II (36) Pallet Linear Robotic Cell	4	3	6,000	30	28	26
06	Kitamura HX630G (32) Pallet Linear Robotic Cell	4	2	8,000	41	33	35
07	Chiron MPS-15 Profile & Extrusion Machine	5	1	12,000	144	4.8	4.8
08	Matsuura 72-63V (6) Pallet Pool Cell	5	1	20,000	30	33	24
09	Robodrill w/Fully Integrated FANUC 6-axis Robot with Interfaced Conveyor System	4	4	10,000	27	15	13
<b>4-Axis Horizontal Mills</b>							
10	Mitsubishi M-H60D, (2) Pallet Shuttle	4	1	6,000	39	31	31
11	Daewoo DMH 500, (2) Pallet Shuttle	4	2	6,000	32	26	26
12	Kitamura HX300 IF, (2) Pallet Shuttle	4	2	20,000	20	20	16
13	Kitamura HX400, (2) Pallet Shuttle	4	1	13,000	26	24	22
14	Kitamura H400, (7) Pallet Shuttle	4	4	10,000	26	24	22
<b>4-Axis Vertical Mills</b>							
15	Mori Seiki MV 65	4	1	4,000	60	30	20
16	Mori Seiki MV 65	4	1	6,000	60	30	20
17	Mori Seiki MV 55, (3) Pallet Shuttle	4	1	4,000	40	22	22
18	Mori Seiki MV JR	4	2	6,000	22	16	18
19	HAAS VF-3YT 50 Taper	4	1	7,500	40	26	25
20	HAAS VF-4YT	4	1	10,000	50	20	25
21	HAAS VY7	4	1	10,000	84	32	30
<b>5-Axis Grinding</b>							
22	Anca RX-7	5	1	12,000	17	18	11
<b>3-Axis Vertical Mills</b>							
23	Okuma MC 4VA	3	1	6,000	26	16	18
24	Mori Seiki MV JR	3	1	6,000	22	16	18
25	Prototrak	3	6	4,200	36	18	20
26	Milltronics VM25	3	1	10,000	50	24	24
27	EZ Trak	3	2	3,000	30	16	24
<b>Turning</b>							
28	Doosan Puma 2100SY	3	1	4,000	10	4	33
29	Okuma LB 15	2	1	4,000	15	n/a	18
30	Okuma Cadet	2	1	4,200	15	n/a	18
31	Okuma LC 10	2	1	3,600	7	n/a	7