



20742 Linear Lane Lake Forest, CA 92630
To learn more call (949) 457-9790 or visit us at www.AFABcnc.com

EQUIPMENT LIST

HORIZONTAL MACHINING CELL

QTY	MAKE	MODEL	X"	Y"	Z"	HP	RPM SPINDLE	TAPER TOOLING	TOOL MAG	PALLET CHANGER	ACCESSORIES
1	Makino	A51 Horizontal Mill FMS 2012 MAS 5 Cell Controller	22	25.2	25.2	30	14000	CAT 40	218	1	12 pallets, various fixture columns, high pressure coolant through spindle, Blum laser tool detection

HORIZONTAL CNC MACHINING CENTERS

QTY	MAKE	MODEL	X"	Y"	Z"	HP	RPM SPINDLE	TAPER TOOLING	TOOL MAG	PALLET CHANGER	ACCESSORIES
1	Kitamura	MyCenter HX400if Horizontal Mill	28.9	24	24	25	13000	CAT 40 Big Plus	150	1	Pallet changer, 2 X 8 station vise column, high pressure coolant through spindle, Blum laser tool detection

VERTICAL CNC MACHINING CENTERS

QTY	MAKE	MODEL		X"	Y"	Z"	HP	RPM SPINDLE	TAPER TOOLING	TOOL MAG	ACCESSORIES
1	Brother	S700X1	2022	27.6	15.7	11.8	13.5	16,000	BT30	28	4-axis rotary with Trunnion fixture. 1000 PSI coolant-thru pump. Blum Z-Nano tool setter and spindle probe
2	Brother	R650X2	2020	25.6	15.7	17.1	11.7	16,000	BT30	40	Pallet Changer with 2X 4-axis rotary with Trunnion fixtures. 1000 PSI coolant-thru pump. 2X Metrol tool setters and Renishaw spindle probe
2	Brother	S1000 HS Mill	2019	39	19	11.8	9.8	16,000	BT30	21	4-axis rotary with Trunnion fixture. 400 PSI coolant-thru pump. Blum Z-Nano tool setter and spindle probe
1	Fadal	3320	2018	22	16	20	15	10000	CAT 40	21	Fadal 4-axis rotary with Jergens 8 station vise column
1	Haas	Super Mini Mill	2012	16	12	10	15	10000	CAT 40	10	
1	Hwacheon	Sirius 550	2008	45	21	21	7.5	10000	CAT 40	30	Sudakoma 4-axis rotary with Chick 8 station vise column – 2019
1	Fadal	3016	2006	30	16	20	15	10000	CAT 40	21	
1	Haas	VF-2	1997	36	14	20	15	7500	CAT 40	20	
1	Haas	VF-4	1997	50	20	25	22	7500	CAT 40	20	Haas 4-axis rotary with Jergens 8 station vise column
2	Fadal	VMC40	1987	22	16	20	15	10000	CAT 40	21	One with Fadal 4-axis rotary with Jergens 8 station vise column

See next page

CNC TURNING CENTERS												
QTY	MAKE	MODEL	X"	Y"	Z"	SUB SPINDLE	RPM SPINDLE	LIVE TOOLS	TOOL MAG	MAX BAR CAPACITY	BAR FEEDER	ACCESSORIES
1	Ganesh	Cyclone -32CS 2014 7 Axis, dual spindle with milling	7.28"	19.29"	6.5"	X = 11.54" / Z = 11.61"	6000	11 Station	27	1.375"	Patriot 338 12'	Part and chip conveyers, Gang tooling 1000 psi coolant thru
QTY	MAKE	MODEL	Y"	MAX TURN Ø	MAX TURN LENGTH	MAX SWING	RPM SPINDLE	LIVE TOOLS	TOOL MAG	MAX BAR CAPACITY	BAR FEEDER	ACCESSORIES
1	Ganesh	Cyclone 52TTMY 20HP 2014 8 Axis, dual spindle with milling	2.75	7.48	36"	14.96"	4000	2x 16 Station	32	2.0"	Ganesh Servo-80 4'	Dual turrets with 6" chucks, Traub 52 collet nose; Chip and part conveyers, 1000 psi coolant thru
1	Mazak	SQT-15 20HP 3 Axis 1997	N/A	11.81	20.78"	20.9"	5000	12 Station	12	2.0"	LNS Quick Load 4'	8" 3 chuck/16C collet nose; tool eye; chip conveyor
1	Mazak	SQT-18M 25HP 3 Axis 1997 with Milling	N/A	11.81	22.63"	20.67"	4500	12 Station	12	2.5"		10" 3 chuck/16C collet nose; tool eye
1	Mazak	SQT-10M 15HP 3 Axis 1993 With Milling	N/A	9.00	12.05"	17.13"	3000	12 Station	12	1.625"	LNS Hydrobar 12'	6" 3 chuck/16C and 5C collet nose; tool eye
FULLY AUTOMATIC BAND SAW												
QTY	MAKE	MODEL	MAX DIA.	WEIGHT CAPACITY								
1	Amada	HA 250W 5 HP (1-1/4" BLADE)	10"	3,300 LB								
QUALITY CONTROL												
QTY	MAKE	MODEL	X"	Y"	Z"	CONTROL SOFTWARE	STYLI TYPE	ACCESSORIES				
1	Brown & Sharpe	Global Image 544 DCC CMM	19.6	15.7	15.7	Hexagon Mfg PC-DMIS	Tesa Ruby Kit	PC-DMIS CAD-based software package				
1	Brown & Sharpe	Micro Val PFXB 454 CMM	18	20	16	Nikon CMM Manager	Renishaw Ruby Kit	Tesastar Probe Head				
1	Mitutoyo	PH-A14 Horizontal Profile Projector	8	4	16	QM Data 200	N/A	16" x 6" table, CMGC System, 14" Screen, 10x lens, 50x lens				
1	Micro-Vu	500 hp Optical Comparator	4	2	1	N/A	N/A	HC 12" Screen, High Res Lenses (10X & 20X), 12" x 3" T-Slot Table, 6"X x 2 ½"Y Stage				
1	Tesa	TESA-Hite Magna 400 Electronic Height Gage	-	-	16	Tesa-hite	N/A	Calculation features, backlit screen				
1	Tesa	TESA-Hite Magna 700 Electronic Height Gage	-	-	28	Tesa-hite	N/A	Calculation features, backlit color screen, Built-in Air Cushion technology				
1	Mitutoyo	SJ-210 Surftest Surface Roughness Gage (Profilometer)	-	-	-	Surftest SJ-210	5µm	RS-232C, SPC & USB Data Output, Color LCD Display				