

BOWDEN MANUFACTURING

HORIZONTAL MILLS

Machine	X-Axis	Y-Axis	Z-Axis
Tongtai SH4000	20"	20"	20"
Tongtai SH4000	20"	20"	20"
DMG NHX5000	28.7"	28.7"	34.6"

Robot

Machine	Payload	Reach
FANUC CRX-10I A/L	10 KG	1.4MM

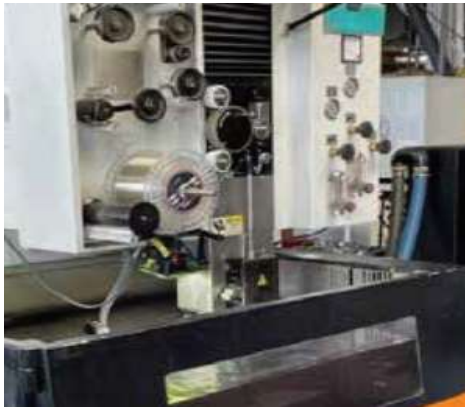


EDM

Machine	X-Axis	Y-Axis	Z-Axis
Accutex SP-500I	19.7"	11.8"	11.8"
Accutex AL-560SA	22"	14"	11.8"
Pro Spark PNC 33Z2	12.96"	8.27"	11.4"

Quality/Inspection

Machine	X-Axis	Y-Axis	Z-Axis
Zeiss Contura GS CMM	700MM	700M	600MM
Vertex 311HC Microview	12"	12"	6"
Sterrett Quadra check 300	12"	8"	6"
Mitutoyo surface SJ-410	.01 MM scan lengths		



Vertical Mills

Machine	X-Axis	Y-Axis	Z-Axis	Rotary
Tongtai VTX-7	28"	15.7"	11.8"	JRG-160
Tongtai VTX-7	28"	15.7"	11.8"	JRG-160
Haas Super Mini Mill	16"	12"	10"	
Haas Mini Mill	16"	12"	10"	
Haas Mini Mill	16"	12"	10"	
Haas Mini Mill	16"	12"	10"	
Haas Mini Mill 2	20"	16"	14"	
Haas Super Mini Mill 2	20"	16"	14"	
Haas Mini Mill 2	20"	16"	14"	HA5C
Haas Mini Mill 2	20"	16"	14"	HA5C
Haas VF-0	20"	16"	20"	
Haas Tool Room	30"	12"	16"	
Haas VF-2	30"	16"	20"	HA5C
Haas V-0E	30"	16"	20"	
Haas VF-2	30"	16"	20"	
Haas VF-2	30"	16"	20"	HRT-A6
Haas VF-2	30"	16"	20"	HRT-A6
Haas VF-2	30"	16"	20"	
Haas VF-2SS	30"	16"	20"	HA5C
Haas VF-2SS	30"	16"	20"	HA5C
Haas Tool Room	40"	16"	16"	
Haas VF-3	40"	20"	25"	HA5C
Haas VF-4	50"	20"	25"	HA5C



Lathes

Machine	X-Axis	Y-Axis	Z-Axis	Chuck Size	Max Bar
Haas SL-10	6.25"		14"	6"	1.75"
Mazak QT-200	7.3"		12.6"	6"	1.57"
Mazak QT-250	8.5"		20.1"	8"	2.0"
Mazak QTN-200	8.5"		20.1"	8"	2.0"
Mazak Matrix 250 II	7.5"		20.25"	10"	3.0"
Mazak Matrix 300 II	8.875"		49.125"	10"	3.0"
Mazak QTU-250MY	8.5"	4"	23.75"	8"	2.0"
Haas ST-15Y	7.9"	2"	16"	8"	2.5"
Haas ST-25Y	8.4"	2"	22.5"	10"	3"
Mazak QT250MY	8.5"	4"	23.75"	10"	3"
Haas SL-40	17"		44"	15"	4.0"
Haas TL-2	8"		48"	10"	3.0"

5th Axis Mills

Machine	X-Axis	Y-Axis	Z-Axis	Plater
DMG DMU 40	21.7"	17.7"	16.5"	500MM

EQUIPMENT LIST