



Equipment List

Panel Saws

SCM Sigma Impact CNC Panel SA- CNC control
 Table 168" X 168" THK up to 3.5" Tolerances:
 +\-.015 up to 1"THK
 +\-.020 1" to 3"THK
 +\-.030 3" to 5"THK

Hendrick PRO/AM Panel Saw- CNC control
 Table 120" X 120" THK up to 5" Tolerances:
 +\-.015 up to 1"THK
 +\-.020 1" to 3"THK
 +\-.030 3" to 5"THK

CNC Turning

Haas TL-2

Chuck DIA. 8" Max Machining DIA 16" Max Machining Length 48"

Haas ST 35Y- with y axis and bar feeder

Chuck DIA 12" Max Machining DIA 18" Max Machining Length 24" Bar Capacity:
 Minimum OD 5/16"
 Maximum OD 4.00"

Haas SL30- Haas Fanuc Style Control

Chuck 10"	Standard	Maximum	Bar Capacity:	Maximum	Number	Maximum
KITAGAWA	Machining	Machining DIA	Minimum OD	Machining	Tools 12	Spindle Speed
	DIA 10"	14"	5/16"	Length 22"		3500
			Maximum OD			
			3.00"*			

**Anything over 3.0" should be looked at. We are able to make larger parts.*

MAZAK Quick Turn Smart 200M- Smart Control

Chuck 8"	Standard	Maximum	Bar Capacity:	Maximum	Number	Maximum
KITAGAWA	Machining	Machining DIA	Minimum OD	Machining	Tools 12	Spindle Speed
	DIA 10.87"	14"	5/16"	Length 18"		4000
			Maximum OD			
			2.5"*			

**Anything over 2.5" should be looked at. We are able to make larger parts.*

Okuma Cadet 1420/650BB- OSP 700L Control

Chuck 15"	Standard	Maximum	Bar Capacity:	Maximum	Number	Maximum
KITAGAWA	Machining	Machining DIA	Minimum OD	Machining Length	Tools 12	Spindle Speed
	DIA 13"	14.17"	1"	24"		3000
			Maximum OD			
			4"*			

**Anything over 4.0" should be looked at, part may be able to be run on the Mazak.*

CNC VERTICAL MACHINING CENTERS

HAAS VF-6 SS (2 Machines)

Table size: Maximum work area with tool: Spindle Speed 0 - 12,000 Number Tools 24 40 Taper
 X = 64" X = 60"
 Y = 30" Y = 32"
 Z = 24"

HAAS VF-4 SS (3 Machines)

Table size: Maximum work area with tool: Spindle Speed 0 - 12,000 Number Tools 24 40 Taper
 X = 52" X = 50"
 Y = 20" Y = 20"
 Z = 20"

HAAS TM-2

Table size: Maximum work area with tool: Spindle Speed 0 -4,000 Number Tools 20 40 Taper
 X = 48" X = 40"
 Y = 16" Y = 15"
 Z = 12"

KIRA VTC 30 FANUC- G Code Control

Table size: Maximum work area with tool: Spindle Speed 200-8000 Number Tools 10 BT 30 Taper
 X = 19.7" X = 15.7" *Maximum Tool DIA 3"
 Y = 12.6" Y = 9.8" *Tool to tool change time 1.5 seconds
 Z = 8" *Chip to chip change time 2.8 seconds

CNC HORIZONTAL MACHINING CENTER

HAAS EC-1600YZT HORIZONTAL MACHINE-with full 4th axis

Table size: 50 Tool Changer 6,000 RPM Spindle 30 HP
 X =64"
 Y = 50"
 Z = 40"

CNC ROUTER

HAAS GR510 Gantry Router with Vacuum table single head

Table size: 20 Tool Changer 8,100 RPM Spindle 15 HP
 X =120"
 Y = 60"
 Z = 24"

HAAS GR512 Gantry Router single head

Table size: 20 Tool Changer 10,000 RPM Spindle 15 HP
 X =144"
 Y = 60"
 Z = 24"

HAAS GR712 Gantry Router single head

Table size: 20 Tool Changer 10,000 RPM Spindle 15 HP
 X =144"
 Y = 84"
 Z = 12"

HAAS GR712 Gantry Router single head

Table size: 20 Tool Changer 8,100 RPM Spindle 15 HP
 X =144"
 Y = 84"
 Z = 24"

MANUAL EQUIPMENT

- (2) Vertical Milling - with Digital Readouts
- (3) Lathes- with Digital Readouts
- (2) Table Saws
- (2) Horizontal Band Saws
- Planers
- Jointers
- Hand Routers
- Plastic Welders