

Equipment List



Item Category	Manufacturer	Model	Type	Axis'	Capacity/Capabilities
Vertical Milling	Bridgeport	EZ-Trak Series I	Bridgeport w/ CNC	3 Axis	9x49"
	Bridgeport	EZ-Vision	Bridgeport w/ CNC	3 Axis	9x49"
	Bridgeport	EZ-Vision	Bridgeport w/ CNC	3 Axis	9x49"
	Vectrax	M20	Bridgeport w/ CNC	3 Axis	9x49"
	Toyoda	AF1000	Vertical Machining	3 Axis	21.6x40.1x25"
	Okuma	MX-45-VAE	Vertical Machining	3 Axis	18x30x17"
	Kitamura	MyCenter-5X	Vertical Machining	3 Axis	22x44x22"
	Matsuura	RA-1X	Vertical Machining	3 Axis	21.5x16x18", (2) Pallet Shuttle
	Matsuura	RA-1X	Vertical Machining	3 Axis	21.5x16x18", (2) Pallet Shuttle
	Matsuura	RA-1X	Vertical Machining	3 Axis	21.5x16x18", (2) Pallet Shuttle
	HAAS	VF-0E	Vertical Machining	3/4 Axis	30x16x20" w/ 4 Axis Capability
	HAAS	VF2	Vertical Machining	3/4 Axis	30x16x20" w/ 4 Axis Capability
	HAAS	VF-2 SS	Vertical Machining	3/4 Axis	30x16x20" w/ 4 Axis Capability
	HAAS	VF-3	Vertical Machining	3/4 Axis	20x40x25"
HAAS	VF-3	Vertical Machining	3/4 Axis	20x40x25"	
HAAS	VF-3	Vertical Machining	3/4 Axis	20x40x25"	
Doosan	DNM4500	Vertical Machining	3/4Axis	17.7x31.5x20"	
Horizontal Milling	Makino	A61nx	Horizontal Machining Center	4 Axis	ø31.5 x 39" x 1,100lbs Max Workpiece, (2) Pallet Shuttle / Renishaw Probe
	Makino	A61nx	Horizontal Machining Center	4 Axis	ø31.5 x 39" x 1,100lbs Max Workpiece, (2) Pallet Shuttle / Renishaw Probe
	Makino	A61nx	Horizontal Machining Center	4 Axis	ø31.5 x 39" x 1,100lbs Max Workpiece, (2) Pallet Shuttle / Renishaw Probe
	Makino	A61nx	Horizontal Machining Center	4 Axis	ø31.5 x 39" x 1,100lbs Max Workpiece, (2) Pallet Shuttle / Renishaw Probe
	Matsuura	H Plus-405	Horizontal Machining Center	4 Axis	ø27.5x33.5" x 880lb Max Workpiece, (6) Pallet Shuttle / Renishaw Probe
	Matsuura	H Plus-405	Horizontal Machining Center	4 Axis	ø27.5x33.5" x 880lb Max Workpiece, (2) Pallet Shuttle / Renishaw Probe
	Matsuura	H Plus-405	Horizontal Machining Center	4 Axis	ø27.5x33.5" x 880lb Max Workpiece, (2) Pallet Shuttle / Renishaw Probe
	Matsuura	H Plus-405	Horizontal Machining Center	4 Axis	ø27.5x33.5" x 880lb Max Workpiece, (2) Pallet Shuttle / Renishaw Probe
Multi Axis Mill/Turn Center	Doosan	PUMA 2600YII	Mill/Turn	3 Axis	ø10" Chuck, ø14.8" MAX Swing, 29.9" MAX Turn Length, 4' Bar Feeder
	Doosan	PUMA 2600YII	Mill/Turn	3 Axis	ø10" Chuck, ø14.8" MAX Swing, 29.9" MAX Turn Length
	Nakamura Tome	TW-10	Turning Center	7 Axis	ø8.25" X 6.1"(ea side), ø1.69MAX Thru Feed, Twin Spindle, Twin Turret w/ Live Tooling
	Mori-Seiki	MT2000	Mill/Turn	9 Axis	ø16" X 36", ø2" Thru Feed, 12' Bar Feed, Twin Spindle w/ 12K RPM Milling Head
Turning Center	DMC	DL 30	Turning Center	2 Axis	ø15x42", ø3.54" MAX Thru Feed
	Hardinge	CHNC III	Turning Center	2 Axis	ø1-5/8" Collet Thru Feed x 12.5" max length, 12' Bar Feeder
	HAAS	SL20	Turning Center	2 Axis	ø10x20", ø2" MAX Thru Feed
Wire EDM	Fanuc	Robocut Alpha-I Series	Wire EDM	5 Axis	12x12x8"
Grinding	Royal Master	TC-12 X 3	Centerless Grinder	2 Axis	ø.0004-1.5" Infeed and ThruFeed
	Royal Master	TC-12 X 3	Centerless Grinder	2 Axis	ø.0004-1.5" Infeed and ThruFeed
	HARIG	CNC	Surface Grinder	3 Axis	6x18"
	OKAMOTO	ACC-8.18NC	Surface Grinder	3 Axis	8x18"
	HARIG	EZ SURF 585-EZ	Surface Grinder	3 Axis	6x18"
Finishing	ZERO	BNP65	Blasting Cabinet	NA	36x36x38" cabinet
Inspection	Brown & Sharpe	Global CNC 3 Axis CMM	CMM	3 Axis	Continuous Contact Scanning
	Brown & Sharpe	Gage 2000 3 Axis CMM	CMM	3 Axis	
	Deltronic	DH 214	Optical Comparator	3 Axis	
	Brown & Sharpe	Mico-hite 900	Manual Height Gage		
	Brown & Sharpe	Mico-hite 600	Manual Height Gage		
	Brown & Sharpe	Tesa-hite 600D	Manual Height Gage		
	Brown & Sharpe	Tesa-hite 700	Manual Height Gage		
	Mitutoyo	SJ-400	Profilometer/Surface Analyzer		
AmScope	Microscope			Digital Camera Interface	