

Facilities List

Pallettech Systems						
Model	Qty	Machines per System				
Mazak Nexus 6800 Pallettech Horizontal	2	5				
Mazak Mazatech FH 6800 Pallettech Horizontal	1	5				
Mazak Mazatech PFH 5800 Pallettech Horizontal	1	4				
CNC Milling						
Model	Qty	X & Y Capacity	Spindle Power	Indexing	Pallet Size	
Mazak Nexus 6800 Horizontal	2	41.34" x 35.40"	50HP/ 8000 RPM Hi-Torque	1° Index	24" Sq., 3300 lbs	
Mazak Nexus 6800 Horizontal	3	41.34" x 35.40"	50 HP / 10000 RPM	NC Rotary Table	24" Sq., 3300 lbs	
Mazak Mazatech FH 6800 Horizontal	5	41.34" x 31.50"	40HP / 7000 RPM	1° Index	24" Sq., 3300 lbs	
Mazak Mazatech PFH 5800 Horizontal	4	28.74" x 28.74"	30 HP / 10000 RPM	1° Index	20" Sq., 1100 lbs	
Mazak Nexus 6800	6	41.34" x 35.40"	50 HP / 10000 RPM	1° Index	24" Sq., 3300 lbs	
Mazak HCN 6000	2	31.50" x 31.50"	50 HP / 10000 RPM	NC Rotary Table	20" Sq., 3300 lbs.	
Mazak FH 5800 Horizontal	1	27.95" x 24.02"	30 HP / 10000 RPM	1° Index	20" Sq., 1100 lbs	
Mazak HTC 400 Horizontal	1	22.05" x 20.08"	15 HP / 10000 RPM	15° Index	16" Sq., 600 lbs	
Mazak VQC 15/40 Vertical	1	22.05" x 16.14"	10 HP / 6000 RPM	–	35" x 16", 600 lbs	
Mazak VC-EZ 20 Vertical	2	41.34" x 20.08"	25 HP / 12000 RPM	–	49" x 19", 2200 lbs	
5-Axis Machining						
Model	Qty	Max. Length Max. Swing		Spindle Power	Indexing	Chuck Size
Mazak e-500H-S Integrex	1	60" 32.28"		50 HP / 10000 RPM Rotary	.0001° Increments	21" Dia.
Mazak e-410H-S Integrex	1	53.3" 24.01		35 HP / 12000 RPM Rotary	.0001° Increments	12" Dia.
CNC Turning						
Model	Qty	Max. Length Max. Dia.		Chuck Size	Other	
Mazak QT-EZ 8MSY Lathe with Barfeeder	1	20.78" 13.50"		8" Hydraulic & 6" Hydraulic	12' Barfeed, Max. Ø 2.0"	
Mazak QT8-EZ Lathe	2	23.47" 16.13"		8" Hydraulic		
Mazak QTE-200 MSY Lathe with Barfeeder	1	20.78" 13.50"		8" Hydraulic & 6" Hydraulic	12' Barfeed, Max. Ø 2.0"	
Mazak Multiplex 6200	1	7.09" 10.24"		8" Hydraulic (2)		
Mazak Multiplex 6200 with Barfeed	1	7.09" 10.24"		Collect & 8" Hydraulic	12' Barfeed, Max. Ø 2.0"	
Mazak Super Quick Turn N-20 Lathe	1	19.75" 11.75"		8" Hydraulic		
Mazak Super Quick Turn 15 M Lathe	1	20.75" 11.75"		8" Hydraulic		
Other Equipment						
Hones	Qty	Diameter		Tolerance		
Accu-Cut 4SM-I Vertical Diamond Hone	1	0.154" - 1.50"		0.00025 tolerance, 0.00020 roundness, & 16 µ		
Sunnen VSS-64 Vertical Hone	2	0.154" - 1.50"		0.00025 tolerance, 0.00020 roundness, & 16 µ		
Sunnen Horizontal Hone	1	0.154" - 1.00"		0.00025 tolerance, 0.00020 roundness, & 16 µ		
Automation	Qty	Weight Reach				
Fanuc Robotic Arm	4	35 kg 1813 mm				
Cobot Robotic Arm	2	10 kg 1418 mm				
Saws	Qty	Capacity				
HEM 1200A Band Saw	1	16"x14" 14" Round				
DoAll DC-280NC Band Saw	1	11.75"x11" 11" Round				
Grinding	Qty	Tolerance				
Surface Grinder	1	.0002" flatness				
Washers	Qty					
Alliance Aquamaster CB-12000E Washer	1					
Ultrasonic Power 90 Gallon Washer	1					
CAE Ransohoff Washers	2					
Miscellaneous						
Welding Capabilities						
Quality						
Measuring Equipment	Qty					
Zeiss Contura G2 CMM	1					
Zeiss Contura CMM	1					
Renishaw Equator 300	1					
Brown & Sharpe MicroVal Manual CMM	1					
Optical Comparator	1					