

# Capabilities



## Automated Pallet System

- 1 EA FASTEMS FMS SYSTEM WITH 78 PALLETS
- 1 EA FASTEMS FMS SYSTEM WITH 48 PALLETS
- 1 EA FASTEMS FMS SYSTEM WITH 36 PALLETS
- 1 EA GROB PSS-L SYSTEM WITH 58 PALLETS
- 1 EA MAG3 EX MMC SYSTEM WITH 12 PALLETS

X	Y	Z	RPM
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## CNC Machining Centers

- 3 EA MAKINO MAG3 EX 5 AXIS HORIZONTAL (NEXT GENERATION)
- 1 EA MAKINO MAG3 5 AXIS HORIZONTAL
- 4 EA MAKINO MAG1 5 AXIS HORIZONTAL
- 3 EA GROB G550/G552 5 AXIS HORIZONTAL UNIVERSAL MACHINING CENTER
- 10 EA HIGH SPEED OKUMA MA500HB HORIZONTAL FULL 4TH AXIS
- 1 EA HIGH SPEED OKUMA MA500HB HORIZONTAL FULL 4TH AXIS
- 3 EA OKUMA GENOS M560V VERTICAL
- 2 EA OKUMA VMC 8000 RPM
- 1 EA AWEA SP4016 GANTRY w/ GEARED HEAD
- FLOW MACH 500 WATERJET WITH 13'-1" X 6'6" X 12" TRAVEL

157.5"	59"	29.5"	33,000
118"	59"	19.5"	33,000
60"	43"	53"	33,000
31.5"	40.2"	40.2"	16,000
30"	35"	30"	12,000
30"	35"	30"	6,000
40"	20"	20"	12,000
40"	20"	20"	8,000
157.5"	63"	30"	6,000

## CNC Lathes

- 1 EA OKUMA LB 3000 EX II MYW WITH BARFEED, LIVE TOOLING, AND POLYGON TURNING AND LIVE SUB-SPINDLE 31.50" BED, 14" SWING, 3" THRU SPINDLE
- 1 EA OKUMA CAPTAIN LATHE WITH BARFEED, LIVE TOOLING, AND POLYGON TURNING AND SUB-SPINDLE: 20" BED, 14" SWING, 2 3/4" THRU SPINDLE
- 1 EA OKUMA CAPTAIN LATHE WITH BARFEED AND LIVE TOOLING: 20" BED, 14" SWING, 2-3/4" THRU SPINDLE
- 2 EA OKUMA CADET LATHES WITH BARFEED: 20" BED, 14" SWING, 2-1/2" THRU SPINDLE
- 2 EA OKUMA LB 3000 EX II WITH BARFEED, LIVE TOOLING, AND POLYGON TURNING, 40" BED, 14" SWING, 3-1/4" THRU SPINDLE
- 3 EA OKUMA LB 3000 EX II WITH BARFEED: 20" BED, 14" SWING, 3-1/4" THRU SPINDLE
- 2 EA CITIZEN CINCOM L32 (SWISS STYLE) WITH 12' BARFEED

## Mills

- 1 EA JARBE-F3-CM VERTICAL MILL
- 2 EA KT VERTICAL MILLS
- 4 EA KT HORIZONTAL MILLS
- 10 EA BRIDGEPORT MILLS

## Lathes

- 1 EA 15" CLAUSING COLCHESTER LATHE
- 1 EA 21" CLAUSING COLCHESTER LATHE
- 1 EA 15" SUMMIT-H LATHE

## Grinder

- 1 EA TOYODA SELECT G-100 II CYLINDRICAL GRINDER: 39.4" Bed, 12.6" Swing
- 1 EA SUPERTEC SURFACE GRINDER 12" X 48"
- 1 EA CENTERLESS CINCINNATI NO.2 OM

## Saws

- 1 EA HEM HORIZONTAL BANDSAW FULLY AUTOMATIC
- 1 EA W.F.WELLS HORIZONTAL BAND SAW
- DO ALL VERTICAL BAND SAW

## Others

- 1 EA SURFACE GRINDER
- 150 TON HYDRAULIC DAKE PRESS
- HORIZONTAL BROACH 72" STROKE

## Inspection Equipment

- ZEISS AUTOMATED ACCURA CMM WITH 78.7" X 165" X 57" TRAVEL, CALYPSO SOFTWARE
- 1 EA KEYENCE DIGITAL OPTICAL COMPARATOR
- BROWN AND SHARP CMM WITH DEA REFLEX 343/454
- FARO QUANTUM ARMS W30 AND W40

## CADCAM

- CATIA V5-6
- MASTERCAM MILL X2022

## Assembly

- SMALL BENCHTOP TO LARGE COMPLEX ASSEMBLIES

## Software

- SYTELINE ERP SYSTEM



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