

# CLARK MANUFACTURING COMPANY EQUIPMENT LIST

## Multi-Tasking CNC Machinery

Two Mazak Variaxis 730-5X CNC Machining Centers

- 5<sup>th</sup> axis capability, 150 degree tilting axis, 360 degree rotary axis
- 50 taper, 20" x25" table, 29"x33"x22" travel

Three Mazak Quickturn Nexus Live-tool Lathes- two 350-IIM's and one 400-IIM

- Live tooling for milling capability
- Up to 15" chuck with up to 46" between centers

## CNC Mill Department

One Mazak HCN-6800 Horizontal Machining Center

- 4<sup>th</sup> axis with a 360 degree rotary table
- 50 taper, 25"x25" table, 41"x35"x38" travel

Three Mazak AJV-25/405 Vertical Machining Centers

- 50 taper, one with 4<sup>th</sup> axis capability
- 22"x49" table, 20"x40"x18" travel

Two Mazak VTC-200/50 Vertical Machining Centers

- 50 taper
- 20"x57" table, 20"x44"x23" travel

One Mazak FJV-250 Vertical Machining Center

- 40 taper
- 22"x47" table, 20"x40"x18" travel

Two Mazak Nexus 510C Vertical Machining Centers

- One 40 taper, one 50 taper
- 22"x51" table, 20"x41"x21" travel

One Brother TC-229 CNC Drill and Tapping Center

- 30 taper
- 12"x24" table, 19"x14"x10" travel

## CNC Lathe Department

One Mazak M-5 x 2000 CNC Flatbed Lathe

- 20" chuck, 13" steady rest
- 82" between centers

Four Mazak Quickturn Lathes- two 30N, one 28N, and one Nexus 350

- 12" chucks
- up to 39" between centers

Two Mazak Quickturn Lathes- 25L and Nexus 300

- 10" chucks
- up to 48" between centers

### **CNC Lathe Department, Cont'd.**

Two Mazak Quickturn 20 Lathes

- 8" chucks
- up to 18" between centers

Two Mazak Quickturn Lathes, 8N and Nexus 100

- 6" chucks with 1-9/16" max dia bar feeders
- up to 17" between centers

### **Grind Department**

Four Kellenberger 1000U OD-ID Grinders

- up to 12" diameter capacity

Two Okamoto Surface Grinders

- up to 20"x48" tables, Z-axis up to 24"

One Kent KGS-200 Surface Grinder

- 6"x14" table

### **Saw Department and Support Equipment**

Two Hem Pneumatic Band Saws- H90A-B/F and H105-LA

- up to 22" capacity with auto bar feed

One Hem Hydraulic Band Saw

- up to 18"x24" capacity with 48" auto bar feed

Seven Haas Programmable Rotary Tables

Three Bridgeport Vertical Mills with DRO

LaBlonde Engine Lathe, 15"x48"

### **Quality Assurance Department**

One Brown and Sharpe DCC Coordinate Measuring Machine

- 28"x40"x28" work area

One DEA Coordinate Measuring Machine

- 53"x24"x18" work area

Two Optical Comparators- Starrett HE400-4 and OGP OQ-20

- 10x, 20x, and 50x magnification available

One Talyrond 3 Roundness Measurement Machine

- measures roundness, concentricity, and flatness to within .000005" accuracy
- up to 18" diameter capacity

Nearly 2000 Measurement Tools and Gages

- all calibrated and NIST certified