

# ELIZABETH CARBIDE COMPONENTS EQUIPMENT LIST



**ALL MANUFACTURING IS DONE PER CUSTOMER DRAWING SPECIFICATIONS.**

## OD GRINDERS:

- Shigiya GUA 30.60/Universal 11x20 (2)
- Cincinnati R-55 Universal 10x16 (5)
- Cincinnati R-75 10x31
- Cincinnati R-78 10x31
- Tschudin 10x16
- K.O. Lee
- Okuma GU 245 CNC Universal Grinder
- TNR EX70 Profile Grinding System
- Toyoda GE4P CNC Grinder (3)

## ID GRINDERS:

- Heald Model 72A
- Heald Model 272
- Danobat Overbeck IRD 400
- Overbeck 400-IR CNC Grinder (3)
- Overbeck Model 400-i (2)
- Overbeck Model 250-i
- Moore G18 Jig Grinder with NASA CNC
- Moore #3 Jig Grinder
- Voumard Model 5A

## SURFACE GRINDERS:

- Boyer Schultz 6x12 (2)
- Okamoto 8x20
- Okamoto 12x24 (5)
- Okamoto Creep Feed 6x18
- Swisher Vertical Spindle- Rotary Table 16"
- Wasino CNC Form Grinder
- Blanchard Rotary Grinder 18x36

## THREAD GRINDERS:

- XLO External Thread Grinder Model 33 (2)
- XLO External Thread Grinder Model 31

## CENTERLESS GRINDERS:

- Cincinnati #2 Centerless (2)
- Cincinnati #4 Centerless
- Royal Master
- Ded-Tru Attachments (2)

## ELECTRICAL DISCHARGE MACHINES:

- Sodick KIC Small Hole E.D.M.
- Sodick AM-35 CNC Ram E.D.M.
- Sodick AQ-35L CNC Ram E.D.M.
- Sodick AG-60L CNC Ram E.D.M.
- Sodick AQ-300L CNC Wire E.D.M.
- Sodick AQ-325L CNC Wire E.D.M. (2)
- Sodick AG-600L CNC Wire E.D.M. (2)
- XLO Conventional E.D.M.

## HONING MACHINES:

- Profile 150 Extrude Hone
- Sunnen Hone Manual Stroke
- Sunnen Hone Power Stroke (3)
- Sunnen Hone Vertical Power Stroke 8" Cap

## LAPPING MACHINES:

- Leonard Grind-R-Lap 12"
- Lapmaster 15"
- Spifire 24"

## INSPECTION EQUIPMENT:

- Quality Assurance Manual
- Brown & Sharp C.M.M. PFX 454
- Tesa Micro-Hite 3D C.M.M.
- MarSurf XC2 Contour Measuring System (3)
- 14" Mitutoyo Comparator-SPC Computer
- OGP 14" Focus CNC Contour Projector
- S-T Optical Comparator (5)
- CC-14 Optical Comparator (2)
- Data Collection Software SRC Charting
- Starrett Granite Surface Gage
- 24x36 Starrett Granite Surface Plate
- Brown & Sharp Height Check
- Brown & Sharp Amplifier-Gage
- Service Diamond Hardness Tester
- Sunnen Bore Gages
- Mitutoyo Profilometer (2)
- Helium Light Band Flatness Tester
- Various Indicators, Micrometers, Bore Gages, Jo Blocks

## MILLING MACHINES:

- HAAS VF2 CNC
- HAAS Mini-Mill
- Sharpe LMV Mill
- Bridgeport Model 2j S-42

## LATHES:

- HAAS SL20 CNC
- HAAS SL30 CNC
- Okuma LB 15 CNC
- LeBlond Regal Engine Lathe 15"x60"
- Hardinge High Speed Precision 9" (4)
- Hardinge Tool Room 9" (2)
- Sheldon Lathe 15"
- Fairfield FP 27 Second Operation
- Sharp 1640 LV

## SAWS:

- Kalamazoo Horizontal
- Do-All Vertical-Hydraulic Feed
- Peerless HB-12A Cut-Off Saw
- Everett Abrasive Cut-Off Saw

## BLASTING, FURNACE, BRAZING EQUIPMENT:

- Lepel LWA-5 Induction Braze Unit
- Barber Coleman Tempering Oven
- K.H. Huppert Electric Furnace
- Trinity Sandblast Cabinet 42x24 (3)
- Acetylene, Oxygen Brazing Equipment

## SHIPPING & RECEIVING:

- Bar Code Capabilities
- RMI Laser Etching

Contact our sales staff for a prompt quotation on your requirements:

**724-539-3575 sales@ecarbco.com**