



Capabilities and Equipment List

Rotary Surface Grinders

Blanchard

- 1 – 30 inch table
- 2 – 36 inch table
- 4 – 42 inch table
- 1 – 60 inch table

Mattison

- 2 – 42 inch table

Surface Grinders

Mattison

- 1 – 14 x 18 inch table
- 1 – 16 x 96 inch table

Chevalier

- 1 – 20 x 40 inch table

ELB

- 1 – 16 x 59 inch table
- 1 – 24 inch Rotary table

Double Disc Grinders

Besley

- 1 – Feed Thru – 30 inch wheels

Gardner

- 1 – Paddle – 23 inch wheels
- 1 – Swing arm – 30 inch wheels
- 3 – Feed Thru – 30 inch wheels
- 1 – Paddle (gun feed) – 42 inch wheels

Single-Sided Lapping - Polishing

Speed Fam

- 1 – 32 inch table
- 1 – 48 inch table

Lapmaster

- 1 – 48 inch table

Double-Sided Lapping - Polishing

Corning

- 1 – 23 inch table

Lapmaster

- 1 – 28 inch table

Peter Wolters

- 1 – 48 inch table

Double-Sided Fine Grinders

Stahli

- 1 – 28 inch table
- 1 – 48 inch table

Peter Wolters

- 1- 48 inch table

CG-EQ-1112-1

- **Flat Honing / Fine Grinding • Double Disc • Single & Double Sided Lapping**
- **Rotary Surface Grinding • Surface Grinding • Value Added Services**

7411 South 10th Street • Oak Creek, WI 53154 • (414) 762-7320 • Fax (414) 762-7544
www.columbiagrinding.com



Capabilities and Equipment List

Quality Assurance Lab

- Visual SPC Shop Floor Network- 4 Stations
- Gage Track 4 Calibration system

Metrology Processors

- 2 – Brunswick Instrument Systems
- 2 – Brown & Sharpe Instrument Systems
- Mahr Instrument System
- Millimar Instrument System
- 8 – Surface Plates up to 48" in length
- Optical Flats up to 8 inches
- CMM – Helmel Check Master with Geomet Software
- Optical Comparator – Scherr Timico with Horizontal Beam
- Rockwell Hardness Tester

Profilometers

- 1 – Quality LAB Mahr Perthometer M1 System
- 3 – Mitutoyo SJ-201
- 2 – Mahr Pocket Surf PS1

Numerous support metrology instruments including: micrometers (standard and digital) depth gages, calipers, indicators, snap gages, and various other gaging.

Value Added Services

Part Preparation

- Burlington belt sander 24 x 48 inch
- Gardner tub grinder - 30 inch
- Disc sander – 24 inch

Parts Washers

- Roligard 24" belt style, 3 stage (wash, rinse and blow-down)
- Aquamaster 12" belt style, 2 stage (wash and blow-down)

Tumble Deburring

- Rosler – 5 cubic foot bowl
- Ultra – 3 cubic foot bowl

Support Equipment

Overhead Cranes For Production Areas

- 2 – 1 ton (all motorized)
- 2 – 2 ton (all motorized)
- 1 – 3 ton (all motorized)
- 3 – Fork Lifts – 6000 lb. lifting capacity

Tool Room

- 2 – Bridgeport Mills – 9 x 42 inch table
- 1 – Vertical Mill 12 x 56 inch
- 1 – Horizontal Mill 18 x 108 inch
- 1 – Enco Gap Bed Lathe 20" swing x 60 inch

CG-EQ-1112-2

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