## GEAR GRINDING EQUIPMENT
- (2) Gleason Pfauter 600/800 CNC Gear Grinders - 1 w/int
- Oerlikon Maag Opal 420 CNC VIT/CBN Gear Grinder
- Niles ZX 1000P
- Hofler 400KK CNC Gear Grinder
- Niles 630 ZE CNC VIT/CBN Gear Grinder
- Niles 400ZE Gear Grinder
- Hofler Rapid 900 Gear Grinder
- Gleason 1600 CNC VIT/CBN Gear Grinder w/int
- Gleason 1200/1450 CNC VIT/CBN Gear Grinder w/int

## GRINDING EQUIPMENT
- (2) Okamoto IGM-2M MDI Internal Grinders
- Okamoto IGM-15N C-2 Internal Grinder
- Okuma GI-2ON VIT/CBN Bore and Face Grinders
- Okuma GI-2ON 1WS CNC Internal Grinders
- USACH/Triplet 150 CNC VIT/CBN Bore and Face Grinder
- Cincinnati Milacron Heald Model 2EF73 Sizematic Internal Grinder
- (2) Mitsubishi RD 32-B100A 12x40 CNC External Grinders
- Mitsubishi RD32-B75A CNC External Grinder
- (2) Precise Products Corporation Super 60 Center Hole Grinders
- Excello No. 174A Center Lapper
- Blanchard 18-30 Grinder
- Cincinnati No. 2 Centerless Grinder w/Automatic In-Feed
- (2) Mitsubishi PD32-100 CNC Groove Grinders
- Mitsubishi PD32-32 CNC Groove Grinder
- Studer S33 CNC Plunge/Anglehead Grinder
- SMTW Centerless Grinder
- (2) USACH 200 40"x60" Internal/External Grinder
- Okuma GA-47 FL

## HOBBING EQUIPMENT
- (5) Gleason GH400 CNC Hobbers
- Liebherr L901 w/Template Crown Attachment
- (4) Gleason GH400 CNC w/Loader
- (3) Liebherr L752 CNC Hobbers
- Barber-Colman 16-36 Hobber
- Liebherr LC280 Hobber
- Liebherr LC500 Hobber
- Gleason 1200H External/Internal Hobber/Gasher
- Gleason 1600/2000 External/Internal Hobber Gasher

## SHAPPING EQUIPMENT
- Lorenz LS420 CNC Shaper
- Fellows 10-4 Gear Shapers w/4" Risers
- Fellows 10-2 Gear Shaper w/6" Riser
- (6) Fellows Model 20-4 Gear Shapers
- (5) Fellows 36" Gear Shapers w/2" to 8" Risers
- Fellows 36" Gear Shapers w/12" Tilting Riser w/Range 0 to 8-1/2 °
- (3) Gleason 600/800ES Guideless CNC Gear Shaper w/8" Riser
- Gleason 600/800S CNC Gear Shaper 4" Riser
- (2) Gleason 500 CNC Gear Shapers
- Gleason 1200/1600S Hydro Stroke

## SHAVING EQUIPMENT
- (2) Churchill Model GS12SA Shavers
- National Broach GCV-12 Shaver w/Crowning
- National Broach GCU-18 Shaver

## TURNING EQUIPMENT
- (2) Okuma Crown BB CNC Lathes w/Robotic Loader
- (3) Okuma Cadet LNC8 CNC Lathes
- (3) Okuma L1420 BB CNC Lathes
- Okuma LB15 CNC Lathe
- (2) Doosan Puma 400 CNC Lathe
- (2) Okuma Lathes Model LU45-1000
- Okuma Lathes Model LU45-2000
- Okuma Lathes Model LU45M-2000
- (3) Okuma Lathes Model LB45-1000
- Okuma Lathe Model LB45-2000 CNC Lathe
- Okuma-Howa Model 2SP-V80 Twin Spindle VTL
- Doosan 850 VTL
- (2) Doosan 850T Twin Spindle VTL
- Mazak Super Quick Turn 18M CNC Lathe
- Mazak Twin Spindle Lathe Dual Turn 20
- Mazak Quick Turn 35XS CNC Lathe
- (2) Daewoo Puma 300LC CNC Lathes
- (4) Daewoo 700 CNC Lathes
- Daewoo Puma 250-2SPGL w/Robotic Loader
- Mori-Seiki MT25002S Multi-Function CNC Lathe
- Alpha CNC Engine Lathe
- (2) Okuma LU35 CNC Lathes
- Okuma LT25-M Twin Spindle CNC
- Milltronics ML26 CNC Lathe
- Hankook 140E VTL w/Live Tools
- Hankook 160E VTL w/Live Tools
- (2) Okuma V100R-M VTL’s
- (2) Doosan 4100B Lathes
- Hyundai LU800L CNC Lathe
- Hyundai LU800RM CNC Lathe

## BALANCING EQUIPMENT
- Hofmann PCXZ100.1 Balancer
- Hofmann 18-1 Two Plane Dynamic Balancer
- Gisholt Static Balancer
- Hofmann PCHV100.1 Balancer

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MACHINING CENTERS
(3) Mazak Model V515/40 CNC Vertical Machining Centers
(5) Mazak 680FH HMC Palletech System
(2) Cincinnati Maxim 630 CNC HMCs w/Pallet Exchange
(3) Cincinnati Magnum 800 CNC HMC Flexible Machining Centers
KIA 630 HMC
Johnford Model SV45H-Vertical Machining Centers
Kitamura 500 HX CNC HMC
Okuma MX55VB VMC
(2) Milltronics VMC
(2) Mazak HCN6800 HMC
Mazak HCN 8800 HMC
(2) Mazak HCN 10800 HMC
Haas VF2 VMC
Haas VF3 VMC
Haas VF3 YT50 VMC
Haas UMC 750 5-Axis VMC
Okuma MB 8000H HMC
Okuma MA 500H HMC
Okuma MA 600HB HMC
Hyundai KH1000 HMC

MILLING, DRILLING AND BROACHING EQUIPMENT
Giddings & Lewis Fraser Endomatic MC Milling and Centering Machine
Bridgeport Model 124606 Vertical Mill
Dadson DS6500-36 Gun Drill
Clausing Drill No. 22284 (4) Spindle Gang Drill
Detroit Broach Model 10 Ton/54” Vertical Pull Broach
Colonial 10 Ton/66” Vertical Pull Broach
Colonial Model RDF 25 Ton/66” Vertical Pull Broach
Colonial 25 Ton/66” Vertical Pull Broach
American Model H 15 Ton/66” Horizontal Pull Broach
Colonial 30 Ton/72” Vertical Pull Broach
APEX 30 Ton/72” Vertical Pull Broach
Broaching Machine Specialties - Hi-Speed Broach
Detroit 25 Ton/72” Vertical Pull Broach
Detroit 50 Ton/72” Vertical Pull Broach

INSPECTION EQUIPMENT
Brown & Sharpe 12-15-10 CMM
M&M Model 3515 Gear Analyzer
M&M Sigma 15 Gear Analyzer
Gleason 3000 GMM Gear Analyzer
Klingenberg P100
Fellows No. 8M Red Liner w/Recorder
(3) Parkson Gear Checkers
(8) National Broach Model SIC Gear Checkers
ITW Over Pin Gear Checker w/Read-Out
(2) Brown & Sharpe Validator Excel 9x15x9 CMMs
Brown & Sharpe 15-24-14 CMM
Zeiss Contura CMM
Kodak Model No. 2A Contour Projector
Video Probe Welch Allen
(11) Federal Air Gages Model D-200
(3) Profilometers (Taylor Hobson, Mitsotoyo, Federal)
Magnaflux Type ANQ-483-A Magnetic Inspection Machine
Magnaflux Type SB-1416 DeMagnetizer
(2) Nital Etch Inspection Stations
Rockwell Hardness Tester
Tukon Model MO Microhardness Tester
King Brinell Hardness Tester
Olympus SZ Microscope
Olympus PME Metallograph
Barkhausen Roll Scan
Emco Test N7P Tooth Profile Hardness Tester

MISCELLANEOUS GEAR CUTTING EQUIPMENT
(2) Gleason No. 16 Hypoid Generators
Cross No. 55 Tooth Rounding & Pointing Machine
Cross No. 65 Tooth Rounding Machine
(2) Cross No. 75 Tooth Chamfering Machines
Osborn No. 3A Brush Finishing Machine
(3) Redin Model 20 Top and Bottom Head Gear Deburring Machines
Mutschler Model 711 Gear Deburring Machine
(6) Chamfermatic Deburring Machiens
Marand Spline Roller