

Equipment List

Engineering & Quality

- Solid Modeling Mechanical Design Stations
- (1) Metallurgical Lab
 - (1) Gear Lab
 - (1) Zeiss Umm 550 Gear Analyzer
 - (1) Zeiss Model Prismo Accura CNC Coordinate Measuring Machine
 - (1) ITW Lead Checker
 - (3) 3-Axis Mitutoyo CNC/CMM Coordinate Measurement Machines
 - (1) Optical Measurement Machine Micro-VU Digital Readout GageTalker SPC Data Collectors
 - (1) Wilson BP 3001 Automatic Brinell Tester
 - (1) Gogan Brinell Tester
 - (5) Magnaflux Magnetic Particle Inspection Machines Wheelabrators (in process)

Die Shop

- (3) Mori Seiki SL-65 CNC Lathes
- (1) Mori Seiki SL-35 CNC Lathe
- (1) Mazak C-40 CNC Lathe
- (1) Mazak CNC Mill
- (10) Engine Lathes
- (5) Vertical Milling Machines
- (5) Horizontal Milling Machines
- (6) Mitsubishi Wire EDM Machines
- (1) Charmilles HD8 EDM Machine
- (1) Charmilles Roboform 4000 EDM Sinkers
- (1) Charmilles Roboform 810 EDM Sinkers
- (3) OKK Model VM7III, CNC Vertical Milling Machines
- (3) Miller Arc Welders – 250 Amp to 1,000 Amp
- (3) Radial Drill Presses
- (2) OKK Model VM5II, CNC Vertical Mills

- (1) OKK Model PCV55, CNC Vertical Mill
- (2) Bostomatic CNC Vertical Mills
- (5) Band Saws
- (2) 200-Ton Hydraulic Presses
- (1) Harig Surface Grinder
- (1) Microstar CMM Esprit X CAD/CAM Software (2 Stations) Esprit W Wire EDM Software (1 Station)

Shop Equipment

- (2) Wheelabrator Shot Blasters, 34 cu. ft.
- (2) Wheelabrator Shot Blasters, 22 cu. ft.
- (2) Wheelabrator Rotary Table Shot Blasters
- (1) Chemical Wash Machine
- (4) G.E. "Man Mate" Industrial Manipulators
- (1) Lamberton Industrial Manipulator
- (1) InfraPak Sidewinder® 6 Low Profile Stretch Wrapper

Information Management

- (1) Integrated Scheduling, Manufacturing, and Financial Computer System

Forging

- (2) 6,000-Ton Ajax Forging Presses
- (1) 6,000-Ton Erie Press
- (2) 4,000-Ton Ajax Forging Presses
- (2) 4,000-Ton Erie Forging Presses
- (2) 4,000-Ton National Press
- (1) 3,000-Ton National Maxi-Press
- (3) 2,500-Ton Ajax Forging Presses
- (3) 1,600-Ton Ajax Forging Presses
- (2) 1,300-Ton Ajax Forging Presses
- (1) 1,300-Ton National Maxi-Press Trim Presses (150-600 tons)

American Induction Heaters with 6,000-28,000 lbs. per hour capacity
 Ajax Magnethermic Induction Heaters with 6,000-11,000 lbs. per hour capacity

Saw & Shear

- Shears – 500 Ton to 1,700 Ton
- (1) Amada Model CM150AN Circular Bar Saw with 18.1" Dia. Blade
 - (2) 25" Hem High-Speed Band Saws
 - (2) 10" Hem High-Speed Band Saws
 - (5) Carbide Cut-Off Saws

Machine Shop

- (18) Mori Seiki CNC Lathes
- (4) Mori Seiki CNC Lathes with Westech Gantry Systems
- (4) Mori Seiki VL-55 Vertical CNC Lathes with Manipulators
- (1) Mori Seiki SH-40 CNC Mill
- (4) Warner & Swasey 2AC Chuckers
- (4) Warner & Swasey 3AC Chuckers
- (4) Newing Hall Engravers
- (5) Deburring/Chamfering Systems
- (2) Mazak Multiplex 630 CNC Lathes
- (2) Okuma LVT-300 (M) CNC Lathes with Automation
- (2) Okuma & Howa HL-35 CNC Lathes
- (1) Okuma & Howa 2SP-V35 Twin Spindle Vertical CNC Lathe
- (2) Okuma & Howa 2SP-V55 Twin Spindle Vertical CNC Lathes
- (1) Okuma & Howa 2SP-V40 Twin Spindle Vertical CNC Lathe
- (1) Okuma & Howa ACT 2SP-V3 Twin Spindle Vertical CNC Lathe
- (2) Okuma & Howa Model 2SP-V60, Twin Spindle Vertical CNC Turning Centers
- (1) Donau Drill Press
- (1) Cleerman Drill Press
- (1) Detroit Broach - 10 Ton
- (1) Okuma 2SP-V760EX
- (1) Makino Mill HMC a71nc
- (1) Fadal 6030 Vertical Mill
- (2) DMG Mori NL2500Y/700



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