



Fall 2010

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Equipment List

Aluminum Foundry *Die Casting Machines*

- 1- 1300 Ton Prince
- 2- 1000 Ton Princes
- 8- 600 Ton Wedgelocks
- 6- 640 Ton Frechs
- 3- 400 Ton Wedgelocks
- 2- 500 Ton Wedgelocks
- 4- Air Casting Coolers

Trim Presses

- 11- 15 Ton Multipresses
- 1- 25 Ton Holsman
- 3- 25 Ton DiLauros
- 1- 50 Ton Hamiltons
- 11- 50 Ton Metal Mechanics

Process Monitoring System

- 1- Visitrak Process Monitoring Aluminum
- 1- Thermal Imaging Camera—Fluke

Auxiliary Equipment

- 1- Amcor Flux Injector Unit
- 1- Rimrock Central Lube System
- 1- HI T.E.Q. 21,000 lb. Barrel Holding Furnace
- 1- HI T.E.Q. 12,000 lb. Barrel Holding Furnace
- 1- 2000 lb. Tilting Furnace
- 1- Thermtronix Gas
- 4- Rimrock 305 Ladlers
- 11- Rimrock 405 Ladlers
- 1- Advance SL-1500 Ladler
- 9- ABB 4400 Robots
- 3- ABB 6400 Robot
- 2- Vacuum Systems
- 3- Motoman Robotic Finishing Cell

Zinc Foundry *Die Casting Machines*

- 2- 100 Ton Castmasters
- 2- 450 Ton Princes
- 1- 250 Ton Castmasters
- 2- 450 Ton B & T's
- 2- 400 Ton Castmasters
- 4- 400 Ton HPMs
- 2- 500 Ton Castmaster
- 1- 600 Ton Castmaster
- 1- 850 Ton Castmaster
- 1- 66 Ton Techmire

Trim Presses

- 2- KR Wilson
- 3- 25 Ton Horizontal Metal Mechanics
- 9- 15 Ton 4-Post Denisons
- 6- 8 Ton C-Frame Denisons
- 3- 35 Ton 4-Post Metal Mechanics
- 2- 20 Ton 4-Post Metal Mechanics
- 1- 25 Ton - B&T
- 2- KR Wilson

Process Monitoring System

- 1- Shotscope Process Monitoring Zinc

Auxiliary Equipment

- 4- 2400 ABB Robots
- 14- Rimrock 180 & 181 Extractors
- 1- Rimrock Central Lube System

Inspection

- 2- Zeiss Eclipse Coordinate Measuring Machines
- 1- Micro VU Optical Comparator
- 2- Gagetrak Calibration Systems
- 2- DIS Reporting Software Systems
- 2- Anstat SPC Reporting Software Systems
- 1- Profilometers
- 1- Calypso CMM Software System
- 1- Spectrolab LAV-05 Spectrometer
- 2- Digital Height Gages
- Metric and English Measuring

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Secondary Machining

CNC

- 3 - Brother TC32B high speed vertical mill
- 1 - Toyoda Horiz. Mach. Center
- 1 - M-H4050 Mitsubishi Horiz. Machining Center
- 1 - Mitsubishi M-V4B CNC
- 2 - Mori Seiki CNC Turning Lathes
- 1 - Mori Seiki RL253 Twin Spindle Lathe
- 4 - Vibratory Bowls

Conventional

- 1 - Sheldon Turret Lathe
- 4 - Ettco ATU-5 Lead Screw Tapping Machines
- 1 - Band Saw
- 2 - Snow TA-5 Air Tappers
- 3 - Snow ST2 Air Tappers
- 1 - Accu-Tapper Manual Tapping Machine
- 1 - Zagar Drill/Tap Machine
- 8 - Drill Presses w/Air Feed Tappers
- 6 - 4" Belt Sanders
- 6 - Bridgeport Mills
- 2 - Central Vac Dust Collector
- 1 - Clausing Drill/Tap Machine
- 1 - Speedy-Cut Tapper ST-0
- 1 - Speedy-Cut Tapper ST-1
- 2 - Speedy-Cut Tapper ST-2
- 1 - Rockwell Manual Feed (6 Header)
- 1 - Walker-Turner Drill/Tap Air Feed (2 Header)
- 1 - Walker-Turner Drill/Tap Air Feed (4 Header)
- 2 - Avery Drill Units
- 1 - Rockwell Drill Unit-Ross Gear (2 Header)
- 2 - Snow 1-UT Tap Machines
- 10 - Drill Presses w/Air & Mech. Feeds
- 1 - 8 Ton Denison Presses
- 2 - Walker-Turner Drill Presses

Secondary Finishing

- 2 - 10" Vertical Belt Sanders
- 2 - 6" Vertical Belt Sanders
- 3 - 4" Vertical Belt Sanders
- 2 - 1" Vertical Belt Sanders
- 1 - Polishing Jack - Twin Head
- 2 - Goff 12 Cu. Ft. Shot Blast Cabinet
- 1 - 3672 Goff Spinner-Hanger Shot Blast Cabinet
- 1 - Wulftec Stretch Wrapper
- 1 - 6 Cu. Ft. Vibratory Finisher
- 2 - 10 Cu. Ft. Vibratory Finishers
- 1 - Surftran Thermal Deburring Unit
- 1 - 7 Cu. Ft. Tumble Shot Blast Cabinet
- 1 - 1244 Goff Spriner-Hanger Shotblast Cabinet