

## Equipment List

5/10/2016

| Manufacturer   | Machine Type                                       | Model         | Year      | Specifications/comments  |
|----------------|--|---------------|-----------|--|
| Abell-Howe     | Jib crane  | Unapparent    |           | 1/4 ton floor mounted with 1/4 ton CM hoist                                    |
| Advantage      | Temperature controller                             | S-925-21C1    |           |  |
| Advantage      | Temperature controller                             | TS-925B       |           | Temp tender 250 electronic control   |
| Alexander      | Pantograph   | 1BF           |           | Valued as scrap  |
| Alexander      | Pantograph   | D380S         |           |  |
| Armstrong-Blum | Vertical band saw                                  | Marvel 8/M    | 1967      | 18" capacity, 3/4" blade, new parts 2012                                       |
| Armstrong-Blum | Vertical band saw                                  | Marvel 8/MK-1 | 1983      | 18" capacity, 1-1/4" blade, new parts 2012                                     |
| Barret         | Pallet jack  | Unapparent    |           | 4000# capacity electric  |
| Big Joe        | Lifter   | Unapparent    |           |  |
| Big Joe        | Walk behind platform lift                          | 1518-A5       |           | 1500# capacity, electric   |
| Big Joe        | Walk behind platform lift                          | Unapparent    |           | 1500# capacity, electric   |
| Big Joe        | Walk behind platform lift                          | XT-A05        |           | 1000# capacity, electric   |
| Blanchard      | Rotary surface grinder                             | 22CK42        | 1970s est | 42" dia electromagnetic chuck/capacity, 22" dia grinding wheel, coolant system |
| Boy            | Injection molding machine                          | 15S           | 1984      | 15 ton, Boy Dipronic control, valued as parts/scrap                            |
| Boyar Schultz  | Surface grinder, horz spindle, recip table, manual | 612           |           | 6x12 capacity, hand feed, 6x12 electromagnetic chuck                           |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1968      | 9x42 table, 1/2HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1969      | 9x32 table, 1-1/2HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1972      | 9x42 table, 1-1/2HP spindle, 60-4200 rpm spindle, Sony DRO                     |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1973      | 9x42 table, 1/2HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1973      | 9x42 table, 1-1/2HP spindle, 4" column riser, DRO                              |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1973      | 9x42 table, 1/2HP spindle, Sony DRO  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1973      | 9x36 table, 1/2HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1973      | 9x42 table, 1-1/2HP spindle, 60-4200 rpm spindle, Sony DRO                     |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1974      | 9x42 table, 1-1/2HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1974      | 9x42 table, 1-1/2HP spindle, 60-4200 rpm spindle, Sony DRO                     |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1974      | 9x36 table, 1HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1974      | 9x36 table, 1/2HP spindle, 4" column riser, Sony DRO                           |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1974      | 9x36 table, 1/2HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1980 est  | 9x42 table, 1/2HP spindle, Sony DRO  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1980 est  | 9x42 table, 1/2HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1980 est  | 9x42 table, 1/2HP spindle, frozen X axis table screw                           |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1959      | 9x32 table, 1/2HP spindle, 4" column riser                                     |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1960      | 9x32 table, 1/2HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1960      | 9x32 table, 1/2HP spindle  |
| Bridgeport     | Vertical turret mill                               | 12BR          | 1961      | 9x32 table, 1/2HP spindle  |
| Brierley       | Drill grinder                                      | ZB25          |           |  |
| Cadillac       | Sport Utility Vehicle                              | Escalade      | 2003      | Not observed   |

## Equipment List

5/10/2016

| Manufacturer | Machine Type                                | Model           | Year | Specifications/comments  |
|--------------|---|-----------------|------|--|
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 200    | 1990 | 37x22x12 work tank, 22x16 table, indexing C axis, 320x220x320 XYZ travels, 64 amp generator, 40 station ATC, CNC control   |
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 200    | 1990 | 37x22x12 work tank, 22x16 table, indexing C axis, 320x220x320 XYZ travels, 64 amp generator, 4 station ATC, CNC control  |
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 2000   | 1995 | 128 amp generator, 320 liter filtration system, 4 pos linear tool changer, Remcor chiller, monitor apart for repairs   |
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 200C   | 1992 | 64 amp generator, 22x15-3/4" table, 4 pos linear tool changer, 12" Z travel, Remcor chiller, electrical transformer  |
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 350 Sp | 2012 | 19-1/2" x 16" table, Walker Ceramax perm mag chuck, 16 station auto tool changer, remote jog, disappearing work tank   |
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 400    | 1990 | 46x32x16 work tank, 32x20 table, high inertia C axis, 450x350 XY travels, 128 amp generator, 40 station ATC, CNC control   |
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 4000DT | 1994 | 26x32 table, 16" Z stroke, High inertia C axis, 450x320x410mm XYZ travels, 128 amp generator, Erowa robot X automatic work piece & tool changer system with 20 pallet stations and 80 tool positions, CNC control, CO2 fire suppression system |
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 4000DT | 1995 | 26x32 table, 16" Z stroke, High inertia C axis, 450x320x410mm XYZ travels, 128 amp generator, Erowa robot X automatic work piece & tool changer system with 20 pallet stations and 80 tool positions, CNC control, CO2 fire suppression system |
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 55     | 2000 | 34x48 work tank with 450mm depth, indexing C axis, 29-1/2x19-3/4 table, 64 amp generator, 24 station ATC, CNC control  |
| Charmilles   | CNC die sinker electrical discharge machine | Roboform 550    | 2009 | 23-1/2" x 29-1/2" table, two Walker Ceramax perm mag chucks, 16 station auto tool changer, remote jog, disappearing work tank, FireTrace, dielectric filtration system with thermostat temp control  |
| Charmilles   | CNC wire electrical discharge machine       | Robofil 290     | 1996 | Max work piece 33.5"x19.7"x7.87", max work weight 1100#, X15-3/4", Y9.8", Z7.87", +/- 30 deg taper, auto wire threader, CNC control  |
| Charmilles   | CNC wire electrical discharge machine       | Robofil 290     | 1996 | Max work piece 33.5"x19.7"x7.87", max work weight 1100#, X15-3/4", Y9.8", Z7.87", +/- 30 deg taper, auto wire threader, CNC control, pc board on order   |

## Equipment List

5/10/2016

| Manufacturer        | Machine Type  | Model         | Year  | Specifications/comments   |
|---------------------|---|---------------|-------|---|
| Charmilles          | CNC wire electrical discharge machine               | Robofil 310   | 1995  | Auto wire threader, CNC control, dielectric tank, remote pendant  |
| Charmilles          | Die sinker electrical discharge machine             | D20           | 1970s | Isocut orbiting head, 17-3/4x13-1/4 table, 15" Z axis, 25 amp Isopulse P25 generator, VAS   |
| Charmilles          | Die sinker electrical discharge machine             | D20           | 1970s | Isocut orbiting head, 17-3/4x13-1/4 table, 15" Z axis, 50 amp Isopulse P50FV generator, Monitron gap monitor, Microfin fine finish, VAS                                   |
| Charmilles          | Die sinker electrical discharge machine             | D20           | 1970s | Isocut orbiting head, 17-3/4x13-1/4 table, 15" Z axis, 25 amp Isopulse P25 generator, VAS   |
| Charmilles          | Die sinker electrical discharge machine, bench type | D10           | 1970s | Isocut orbiting head, 19-3/4x9 table, 25 amp Isopulse P25 generator, Sony DRO, Microfin, VAS  |
| Charmilles          | Die sinker electrical discharge machine, bench type | D10           | 1970s | Isocut orbiting head, 19-3/4x9 table, 25 amp Isopulse P25 generator, Sony DRO, VAS  |
| Charmilles          | Die sinker electrical discharge machine, bench type | D10           | 1970s | Isocut orbiting head (partially missing), 19-3/4x9 table, 25 amp Isopulse P25 generator, NO Sony DRO, VAS   |
| Charmilles          | Die sinker electrical discharge machine, bench type | D10           | 1970s | Isocut orbiting head, 19-3/4x9 table, Isopulse P80 generator, Sony DRO, parts missing, VAS  |
| Charmilles          | Die sinker electrical discharge machine, bench type | D10           | 1970s | Isocut orbiting head, 19-3/4x9 table, 25 amp Isopulse P25 generator, NO Sony DRO, VAS   |
| Cincinnati          | Injection molding machine, toggle                   | Unapparent    | 1974  | 75 tons x 4 ounce shot, obsolete relay based controls, out of service, valued as scrap  |
| Cincinnati-Milacron | Injection molding machine                           | Roboshot 110R | 1999  | 110 ton x 4 ounce shot, all electric style, Fanuc Series 16-I CNC, Star robot XQ-800F, Novatec dryer, Sterltronc temperature controller, Aquatherm temperature controller |
| Clark               | Fork truck, sit down rider                          | C30B 458 5B6  |       | 3000# capacity @ 24" load centers @ 106" max lift height, 42" forks, ROPS, solid tires, single mast   |
| Clark               | Hardness tester                                     | MCR12         |       |   |
| Clausing            | Engine lathe  | 13            |       | Geared head, 40-1800 rpm spindle, tailstock, American tool post, 8" 3-jaw chuck   |
| Continental         | Surface plate                                       | Unapparent    |       | Granite, grade AA, 72x120x14", stand  |
| Deckel              | Cutter grinder                                      | SOE           |       | Single lip, stand   |
| Deckel              | Cutter grinder                                      | SOE           |       | Single lip, stand   |
| Deckel              | Cutter grinder                                      | SOE           |       | Single lip, stand   |
| Deckel              | Cutter grinder                                      | SOE           |       | Single lip, stand   |
| Deckel              | Cutter grinder                                      | SOE           |       | Single lip, stand   |

## Equipment List

5/10/2016

| Manufacturer     | Machine Type  | Model              | Year  | Specifications/comments  |
|------------------|---|--------------------|-------|--|
| Dodge            | Truck, tall van type                                | Sprinter 2500      | 2007  | V6 diesel engine, 45,000 est miles, two seats, box table, CC, automatic, CD, internal racking systems, safety partition behind seats, tires look good, PW, manual seats, round SS step rails |
| Donau            | Ram type radial drill                               | DR23               |       | Power elevation, power clamping, 70-1550 rpm   |
| Dri Air          | Hopper dryer  | Unapparent         |       |  |
| Eldorado         | Gun drill, single spindle                           | M75-1013           |       | Custom built, mounted on Brown & Sharpe milling machine base, Mega high pressure coolant system  |
| Eltee Pulsitron  | Die sinker electrical discharge machine, bench type | TR20               | 1970s | Rotary spindle, System 3R mag chuck, EP30/RD power supply, Sony DRO, VAS   |
| Eltee Pulsitron  | Die sinker electrical discharge machine, bench type | TR20               | 1970s | Rotary spindle, System 3R mag chuck, EP30/RD power supply, Sony DRO, VAS   |
| Eltee Pulsitron  | Die sinker electrical discharge machine, bench type | TR20               | 1970s | Rotary spindle, System 3R mag chuck, EP30/RDP power supply, Sony DRO, Eltee VMC-850 Vector Motion Control, VAS   |
| Enerpac          | Hydraulic press                                     | Unapparent         |       | H-frame style  |
| Famco            | Vertical milling machine                            | 150 Series E13037  |       | 50x12 table, 120-4300 rpm  |
| Ford             | Pickup truck  | F150 XLT SuperCrew | 2002  | Short bed, 5.4L Triton V8, 4WD, AT, PS, PB, chrome tube running boards, cloth seats, AM/FM, overdrive, CC, pickup shell, MO plates 4UE839  |
| Ford             | Truck, flatbed                                      | F70                | 1995  | Dual rear tires, manual transmission, approx 170K miles, black, not observed 2014  |
| Gardner          | Surface grinder, horz spindle, recip table, manual  | 1-1/2              |       | valued as scrap  |
| General          | Drill, geared head                                  | GDM500A            |       | 25" capacity, 140-1700 rpm   |
| GMC              | Truck, pickup                                       | Jimmy              | 1980  |  |
| GMC              | Van, cargo  | Savana             | 1999  | 200K est miles, AT, AC, RWD, ABS, PS, DAM, AM/FM, IL plates 4553YG   |
| Handling Systems | Gantry crane  | Inaccessible       |       | 3 ton x 20' span approx adjustable height, Jet 3 ton electric chain hoist, pendant control   |
| Handling Systems | Jib crane   | Inaccessible       |       | 1/4 ton post mounted with electric chain hoist   |
| Hardinge         | Tool room lathe                                     | HLV-H              | 1963  | 11" swing, 18" centers, 125-3000 rpm, 5C collect capacity, manual collet closer, power carriage feeds, accessories, tailstock  |
| Husky            | Injection molding machine                           | GL160RS420/35      | 1997  | 176 ton x 5.5 ounce shot, hydraulic clamp, Fanuc microprocessor control, 20-1/2x20-1/2 between tie bars, new computer system added in 2010   |
| Husky            | Temperature controller                              | GLC2K-H050D-12     |       | 12 zone microprocessor hot run   |
| Hyster           | Lift truck  | S25A               |       | 2500# capacity, propane, out of service, valued as scrap   |

## Equipment List

5/10/2016

| Manufacturer     | Machine Type  | Model        | Year      | Specifications/comments  |
|------------------|---|--------------|-----------|--|
| Ikeda            | Radial drill  | RM1000       | 1971      | 11" diameter column x 40" arm, power elevation, power clamping, box table, coolant system  |
| IMS              | Hopper dryer  | HAD751       |           |  |
| Industrial Crane | Bridge crane  | Inaccessible |           | 5 ton x 20' span approx bottom running single girder, P&H 5 ton motorized trolley wire rope hoist, pendant control, 90' freestanding runway structure, approx 12' under hook |
| Industrial Crane | Monorail crane  | Inaccessible |           | 1 ton x 120' with two electric chain hoists  |
| Jakobsen         | Surface grinder, horz spindle, recip table, automatic | 824          |           | 8x24 capacity  |
| Jakobsen         | Surface grinder, horz spindle, recip table, automatic | SJ30         | 1970s est | 10x24 capacity, tagged "do not use chuck control", out of service, valued as scrap   |
| Jakobsen         | Surface grinder, horz spindle, recip table, automatic | SJ6025       | 1970s est | 8x24 capacity, 2.2KW spindle motor, out of service, valued as scrap  |
| Jakobsen         | Surface grinder, horz spindle, recip table, automatic | SJ8030       |           | 10x32 capacity   |
| Japax            | EDM drill   | SDX30NC      | 1988      |  |
| Japax            | EDM drill   | SM-1M        |           | Sony DRO, mounted on Bridgeport vertical milling machine base, VAS   |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540          | 1983      | 6x18 capacity, out of service, valued as scrap   |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 1400LAR      |           | 8x24 capacity, vas   |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, Diaform, out of service, valued as scrap  |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, parts machine, out of service, valued as scrap  |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, Diaform, out of service, valued as scrap  |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, Diaform, out of service, valued as scrap  |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, out of service, valued as scrap   |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, out of service, valued as scrap   |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, out of service, valued as scrap   |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, out of service, valued as scrap   |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, out of service, valued as scrap   |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, Diaform, out of service, valued as scrap  |
| Jones & Shipman  | Surface grinder, horz spindle, recip table, automatic | 540P         |           | 6x18 capacity, out of service, valued as scrap   |

## Equipment List

5/10/2016

| Manufacturer      | Machine Type                                | Model              | Year     | Specifications/comments  |
|-------------------|---|--------------------|----------|--|
| K&T Milwaukee     | Mill, horizontal                            | H                  |          | out of service, valued as scrap  |
| Kalamazoo         | Horizontal band saw                         | AH9AW              |          | out of service, valued as scrap  |
| Kalamazoo         | Horizontal band saw                         | Inaccessible       |          | 8" diameter approx capacity  |
| Kalamazoo         | Horizontal band saw                         | P47                |          | out of service, valued as scrap  |
| Kearney & Trecker | Horizontal milling machine                  | 2HL                |          | 49x9 table, valued as scrap  |
| Kearney & Trecker | Horizontal milling machine, plain dial type | 205SA              | 1969 est | 50x12 table, 25-1500 rpm   |
| Kearney & Trecker | Vertical milling machine                    | 3K Plain Dial Type |          | 64x15-1/2 table, 1500 rpm, out of service, valued as scrap   |
| Kearney & Trecker | Vertical milling machine                    | 3K Plain Dial Type |          | 64x15-1/2 table, 1500 rpm, out of service, valued as scrap   |
| Krauss-Maffei     | Injection molding machine                   | 150-460 B2         | 1992     | 165 imperial ton x 20 ounce shot, hyd clamping, K-M M3 microprocessor control  |
| Krauss-Maffei     | Injection molding machine                   | 420-1650 B2        | 1996     | 462 imperial ton x 35 ounce, hyd clamping, 3 platens, nitrogen accumulator, K-M microprocessor control, Advantage temperature controller, Sentra temperature controller, Moldmaster temp controller, Husky temp controller |
| Leblond-Makino    | CNC horizontal machining center             | MC40-A30           | 1984-85  | 16" x 16" dual pallets, 30 station ATC, Fanuc 6M, #40 taper, out of service, vas   |
| Leblond-Makino    | CNC vertical machining center               | FNC106-A20         | 1982     | 55" x 24" table, Fanuc 6M, 20 station ATC, #50 taper, 42x20 magnetic chuck   |
| Leblond-Makino    | CNC vertical machining center               | FNC106-A30         | 1983-84  | 55" x 24" table, Fanuc 6M, 30 station ATC, #50 taper, 42x20 magnetic chuck   |
| Leblond-Makino    | CNC vertical machining center               | FNC106-A30         | 1986-87  | 55" x 24" table, Fanuc 11M, 30 station ATC, #50 taper, 42x20 magnetic chuck  |
| Leblond-Makino    | CNC vertical machining center               | FNC1210-A30        | 1991     | 70-1/2" x 31-3/4" table, Fanuc 15M, 30 station ATC, #50 taper, 42x20 magnetic chuck, isolation transformer, screw chip conveyor, Oilmatic oil temp regulator, air dryer, remote pendant                                    |
| Leblond-Makino    | CNC vertical machining center               | FNC128/A30         | 1993     | 72" x 32" table, CNC Professional 3 control, 30 station ATC, #50 taper, 20x30 electromagnetic chuck, isolation transformer, no screw chip conveyor, Oilmatic oil temp regulator, air dryer, auto lube, coolant equipment   |
| Leblond-Makino    | CNC vertical machining center               | FNC128/A30         | 1993     | Fanuc 16M computerized numerical control, also with look ahead Creative control, Renishaw probe system, X49", Y31.5", Z27.5", 30 position automatic tool changer   |
| Leblond-Makino    | CNC vertical machining center               | FNC40-A16          | 1986     | 32" x 14" table, Fanuc 11M, 16 station ATC, #40 taper  |
| Leblond-Makino    | CNC vertical machining center               | FNC74-A20          | 1983-84  | 36" x 18" table, Fanuc 6M, 30 station ATC, #40 taper, Tsudakoma 4th axis table   |

## Equipment List

5/10/2016

| <b>Manufacturer</b> | <b>Machine Type</b>                                   | <b>Model</b>        | <b>Year</b> | <b>Specifications/comments</b>  |
|---------------------|---|---------------------|-------------|---|
| Leblond-Makino      | CNC vertical machining center                         | FNC74-A20           | 1983-84     | 36" x 18" table, Fanuc 6M, 20 station ATC, #40 taper  |
| Leblond-Makino      | CNC vertical machining center                         | FNC74-A20           | 1984        | 36" x 18" table, Fanuc 6M, 20 station ATC, #40 taper  |
| Leblond-Makino      | CNC vertical machining center                         | FNC74-A30           | 1984-85     | 36" x 18" table, Fanuc 6M, 30 station ATC, #40 taper, out of service  |
| Leblond-Makino      | CNC vertical machining center                         | RMC55-A10           | 1992        | 31-1/2" x 12-1/2" table, Fanuc OM, 10 station ATC, #40 taper  |
| Matsura             | CNC vertical machining center                         | MC-500VS MiniMaster | 1980        | 36" x 12-1/2" table, System M5G, 16 station ATC, #30 taper, coolant   |
| Matsura             | CNC vertical machining center                         | MC-500VS MiniMaster | 1981        | 36" x 12-1/2" table, System M5G, 16 station ATC, #30 taper, coolant, out of service   |
| Matsura             | CNC vertical machining center                         | MC-500VS MiniMaster | 1982        | 36" x 12-1/2" table, Yasnac CNC, 16 station ATC, #30 taper, coolant   |
| Mazak               | CNC horizontal machining center                       | H630                | 1989        | 39.37" x 31.50" x 29.53" XYZ travels, 40 station ATC, #50 taper, 26" square pallets, 1 deg index, 42x20 magnetic chuck, tombstone, Mazatrol M32, chop conveyor, coolant, new spindle about 2008 |
| Milltronics         | CNC vertical milling machine                          | Partner 1 - MB19    | 2001        | Centurion 6 computerized numerical control, 9-1/2" x 44" table  |
| Milltronics         | CNC vertical milling machine                          | Partner 1 - MB19    | 2002        | Centurion 6 computerized numerical control, 9-1/2" x 44" table  |
| Miscellaneous       | Material handling equipment                           | Various             |             | Approx 20K# weight valued as scrap, out of service  |
| Mitsui              | CNC surface grinder, horizontal spindle, recip table  | MSG-N250C           | 1982        | Fanuc 6M control, 8" x 19" table, no table chuck, valued as scrap   |
| Mitsui              | Surface grinder, horz spindle, recip table, automatic | MSG-250H-2A         | 1977        | 8x18 capacity, automatic, 8x18 electromagnetic chuck, coolant system, overhead dresser, fine down feed  |
| Mitsui              | Surface grinder, horz spindle, recip table, automatic | MSG407              | 1985        | 16" x 32" capacity, coolant equipment, overhead wheel dresser, 14" dia wheel x 1.5" wide, table chuck being installed, being cleaned and repainted  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual    | MSG200M             |             | Added value for 6 of below units reconditioned recently; specific units reconditioned not known   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual    | MSG200M             | 1978        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual    | MSG200M             | 1978        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual    | MSG200M             | 1978        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual    | MSG200M             |             | 6x12 capacity, valued as scrap  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual    | MSG200M             |             | 6x12 capacity   |

## Equipment List

5/10/2016

| <b>Manufacturer</b> | <b>Machine Type</b>                                | <b>Model</b> | <b>Year</b> | <b>Specifications/comments</b>   |
|---------------------|--|--------------|-------------|--|
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200M      | 1976        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200M      |             | 6x12 capacity  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200M      | 1976        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, NO Sony DRO                                |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200M      | 1977        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, NO Sony DRO                                |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200M      | 1977        | 6x12 capacity, hand feed   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200M      |             | 6x12 capacity  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200M      | 1978        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200M      |             | 6x12 capacity  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     |             | 6x12 capacity, hand feed, NO 6x12 electromagnetic chuck, NO Sony DRO                             |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1986        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1979        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1979        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, NO Sony DRO, parts machine, out of service |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     |             | 6x12 capacity  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     |             | 6x12 capacity  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     |             | 6x12 capacity, valued as scrap   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     |             | 6x12 capacity, table missing, valued as scrap  |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1982        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1982        | 6x12 capacity, hand feed, NO 6x12 electromagnetic chuck, NO Sony DRO, NO table                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1983        | 6x12 capacity, hand feed, NO 6x12 electromagnetic chuck, NO Sony DRO                             |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1983        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1983        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1985        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1986        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1986        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, NO Sony DRO                                |
| Mitsui              | Surface grinder, horz spindle, recip table, manual | MSG200MH     | 1986        | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO                                   |



## Equipment List

5/10/2016

| Manufacturer | Machine Type                                       | Model    | Year     | Specifications/comments  |
|--------------|--|----------|----------|--|
| Mitsui       | Surface grinder, horz spindle, recip table, manual | MSG200MH | 1986     | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO   |
| Mitsui       | Surface grinder, horz spindle, recip table, manual | MSG200MH | 1986     | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO   |
| Mitsui       | Surface grinder, horz spindle, recip table, manual | MSG200MH | 1993     | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO   |
| Mitsui       | Surface grinder, horz spindle, recip table, manual | MSG200MH | 1993     | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO   |
| Mitsui       | Surface grinder, horz spindle, recip table, manual | MSG200MH | 1977     | 6x12 capacity, hand feed, 6x12 electromagnetic chuck, Sony DRO   |
| Mitutoyo     | Coordinate measuring machine                       | BH305    | 1993 est | 28x38 granite surface plate, color camera, color monitor, IBM PC, illuminator, air dryer, accessories                                      |
| Mitutoyo     | Coordinate measuring machine                       | F403     | 1986 est | 16x12x12 capacity, 24x18 granite surface plate, Renishaw MIP probe head, MAG1 control, 3 axes DRO, accessories, HP monitor, remote pendant |
| Moore        | Jig grinder  | 3        | 1968     | 11x24 table, Sony DRO, 40K rpm spindle   |
| Nikon        | Optical comparator                                 | 6C       | 1970s    | 11" screen, 20X lens, out of service   |
| Nikon        | Optical comparator                                 | 6C       | 1970s    | 11" screen, 20X lens, DRO, out of service  |
| Nikon        | Optical comparator                                 | 6C       | 1970s    | 11" screen, 20X lens, DRO, out of service  |
| Nikon        | Optical comparator                                 | 6C       | 1970s    | 15" screen, 20X lens, DRO, out of service  |
| Nikon        | Optical comparator                                 | V12      | 1970s    | 12" screen, 20X 50X 100X lenses, surface illumination, out of service  |
| Nikon        | Optical comparator                                 | V12      | 1970s    | 12" screen, 20X 50X 100X lenses, surface illumination, out of service  |
| Nikon        | Optical comparator                                 | V14      | 1970s    | 14" screen, 10X 20X 50X lenses in turret, out of service   |
| Nikon        | Optical comparator                                 | V16D     | 1970s    | 16" screen, 10X 20X 50X lenses in turret, out of service   |
| Nikon        | Optical comparator                                 | V16D     | 1970s    | 16" screen, 10X 20X 50X lenses in turret, out of service   |
| Nikon        | Optical comparator                                 | V16D     | 1970s    | 16" screen, 10X 20X 50X lenses in turret, Mitutoyo digital mics, out of service  |
| Nikon        | Optical comparator                                 | V16D     | 1970s    | 16" screen, 10X 20X 50X lenses in turret, out of service   |
| Nikon        | Optical comparator                                 | V16D     | 1970s    | 16" screen, 10X 20X 50X lenses in turret, out of service   |
| Novatec      | Hopper dryer                                       | MDM25A   | 1990     | MCD2000 control, MDMA 60# drying hopper  |
| Novatec      | Hopper dryer                                       | MDM25A   | 1991     | MCD2000 control, MDMA 60# drying hopper  |
| Novatec      | Hopper dryer                                       | MDM50    | 1991     | MCD2001 control, MDM 200# drying hopper, stand   |
| Novotec      | CNC edm drill                                      | S26      | 1999     | 33x22x11 work tank, 24x12-3/4 table, capacitor mode  |

## Equipment List

5/10/2016

| Manufacturer                | Machine Type  | Model                   | Year     | Specifications/comments   |
|-----------------------------|---|-------------------------|----------|---|
| Okamoto                     | CNC surface grinder, horz spindle, recip table, automatic | ACC-2040EX              | 2000     | 20x40 capacity, hydraulic feeds, 20x40 electromagnetic chuck, auto down feed, paper filtration, overhead dresser  |
| Okamoto                     | CNC surface grinder, horz spindle, recip table, automatic | ACC-2040EX              | 2000     | 20x40 capacity, hydraulic feeds, 20x40 electromagnetic chuck, auto down feed, paper filtration, overhead dresser, variable speed spindle controller added 2010  |
| Okamoto                     | Surface grinder, horizontal spindle, reciprocating table  | ACC-2860-DX             | 1994 est | 28x60 table capacity, new spindle bearings, rescraped, compensating wheel dresser, 3 axes automatic, Sony DRO, coolant equipment, paper filtration, two Kanetsu 27-5/8"x 29-1/2" electromagnetic chucks, new wet/dry vacuum system                            |
| Okamoto                     | Surface grinder, horz spindle, recip table, automatic     | ACC-1632DX3             | 1993     | 16x32 capacity, hydraulic feeds, 16x32 electromagnetic chuck, auto down feed, paper filtration, overhead dresser, 3.7KW spindle motor, automatic dresser/compensation   |
| Porsche                     | Automobile, 2 door  | Boxter cabriolet        | 1999     | 2.5L V6, AT, PS, PB, traction control, stability control, ABS, AC, PDL, PW, CC, AM/FM, DAB, CD, 18" premium alloy wheels, 55K miles approx, IL plates 112536EN  |
| Porsche                     | Sport Utility Vehicle, 2 door                             | 911 Carrera Cabriolet   | 2011     | 6 cyl, AC, PS, PB, AT, PW, PDL, CC, offsite not observed  |
| Porsche                     | Sport Utility Vehicle, 4 door                             | Cayenne GTS             | 2008     | 4.8L V8, 385HP, AWD, offsite not observed   |
| Porsche                     | Sport Utility Vehicle, 4 door                             | Cayenne Turbo           | 2004     | 4.5L V8, twin turbo, AT, PS, PB, traction control, ABS, AWD, AC, PDL, PW, CC, NAV, TW, AM/FM, Prem sound, DAB, CD multi, offsite not observed   |
| Porsche                     | Sport Utility Vehicle, 4 door                             | Cayenne Turbo "S" Sport | 2006     | 4.5L V8, twin turbo, AT, PS, PB, trac control, stability control, ABS, AWD, AC, PDL, PW, CC, NAV w/Off Road NAV option, TW, AM/FM, Bose, Parking Sensors, DAB, CD multi, SAB, DPS, 5 color leather, privacy glass, roof rack, light pkg, offsite not observed |
| Porsche                     | Sport Utility Vehicle, 4 door                             | Cayenne Turbo Sport     | 2004     | 4.5L V8, twin turbo, AT, PS, PB, traction control, ABS, AWD, AC, PDL, PW, CC, NAV, TW, AM/FM, Prem sound, DAB, CD multi, privacy glass, IL plates 89160PV   |
| Rahn                        | Surface plate, granite                                    | Unapparent              |          | 48" x 96" 9" granite, steel stand, 0.0001" accuracy, last certified 2012, 64 drilled/tapped holes   |
| Ram Optical Instrumentation | Optical measurement inspection system                     | Omis III                | 1998     |   |

## Equipment List

5/10/2016

| Manufacturer          | Machine Type                     | Model          | Year                     | Specifications/comments  |
|-----------------------|----------------------------------|----------------|--------------------------|--|
| Raymond               | Standup riding reach type lifter | 31-S40TT       |                          | 4000# capacity, electric, side shifter, charger, out of service, valued as scrap   |
| Raymond               | Standup riding reach type lifter | 31-S40TT       |                          | 4000# capacity, electric, side shifter, charger, out of service, valued as scrap   |
| Roeders (Rodgers TEC) | CNC vertical milling machine     | RFM600         | 1998                     | 3 axes, 600x450x300mm XYZ travels, 27-1/2x21-1/2 table, 18 station ATC, #40 taper, Fischer 42K rpm spindle, laser measuring, spray coolant, RMS6 V3.3 CNC upgrade, Regoplas TAE015 chiller, super accuracy certified, thin line chuck adapters   |
| Roeders (Rodgers TEC) | CNC vertical milling machine     | RFM600/2       | 2002                     | Acquired used 2009, 3 axes, 600x450x300mm XYZ travels, 27-1/2x21-1/2 table, 18 station ATC, #40 taper, high precision spindle option, hydraulic door opening option, newer spindle, newer ball screws, RMS6 V3.3 CNC upgraded, 12x16 electromagnetic chuck, super accuracy certified, thin line chuck adapters |
| Roeders (Rodgers TEC) | CNC vertical milling machine     | RFM600/2       | 2000                     | 3 axes, 600x450x300mm XYZ travels, 27-1/2x21-1/2 table, 18 station ATC, #40 taper, Fischer 42K rpm spindle, laser measuring, spray coolant, RMS6 V3.3 CNC upgrade, Regoplas TAE015 chiller, super accuracy certified, thin line chuck adapters   |
| Roeders (Rodgers TEC) | CNC vertical milling machine     | RFM760S        | 1998                     | 4 axes, swivel head, 760x550x400mm XYZ travels, 34x21-1/2 table, 18 station ATC, #40 taper, Fischer 42K rpm spindle, laser measuring, spray coolant, Hyfra chiller, V3.3 CNC upgrade, new ball screws 2010, super accuracy certified, thin line chuck adapters, newer spindle                                  |
| Roeders (Rodgers TEC) | CNC vertical milling machine     | RP800          | 2000                     | 800x600x400mm XYZ travels, 35-1/2x27-1/2 table, 30 station ATC, #50 taper, Fischer 36K rpm spindle, laser measuring, spray coolant, RMS6 V3.3 CNC upgrade, Regoplas TAE015 chiller, screw conveyor, super accuracy certified, thin line chuck adapters   |
| Roeders (Rodgers TEC) | CNC vertical milling machine     | RXP500         | 2005 (commissioned 2007) | 21-3/4x17-3/4 table, XYZ travels 500x400x240mm, #40 taper, linear drives, Regoplas chiller, remote pendant, V3.3 CNC upgrade, super accuracy certified, thin line chuck adapters   |
| Roeders (Rodgers TEC) | CNC vertical milling machine     | RXP500 DSC UHP | 2010                     | 5 axes, 26 position auto tool changer, 42000 rpm spindle   |

## Equipment List

5/10/2016

| Manufacturer          | Machine Type                 | Model            | Year | Specifications/comments  |
|-----------------------|------------------------------|------------------|------|--|
| Roeders (Roders TEC)  | CNC vertical milling machine | RXP800           | 2007 | 35-1/2x27-1/2 table, 36K rpm spindle, 30 station ATC, pendant control, no screw conveyor, no chiller, 20mm max dia tool, new, V3.3 upgrade, super accuracy certified, thin line chuck adapters |
| Roeders (Roders TEC)  | CNC vertical milling machine | RXP800           | 2010 | 35-1/2 x 26 table, 30,000 rpm spindle, 24 station ATC, 15-3/4 x 23-3/4 chuck, UHP, remote jog, chiller, chip conveyor with chopper, laser system   |
| Roeders (Roders TEC)  | 5-Axis milling machine       | RXP601DSH        |      |  |
| Scripta               | Cutter grinder               | AL35             |      |  |
| Scripta               | Cutter grinder               | AL35             |      |  |
| Scripta               | Cutter grinder               | AL35             |      |  |
| Scripta               | Cutter grinder               | AL35             |      |  |
| Scripta               | Pantograph                   | SR210            |      |  |
| Shinwa                | Injection molding machine    | S-50CLA          | 1989 | 55 tons, hydraulic clamping, microprocessor based control, 12-1/2x12 between tie bars  |
| Shinwa                | Injection molding machine    | S-80CLB          | 1988 | 88 tons, hydraulic clamping, microprocessor based control, Novatec dryer   |
| Sky Jack              | Platform lift                | SJ3015           | 1992 | 500# capacity x 15' scissor type   |
| Soraluce              | Ram type radial drill        | TRS-30           | 1981 | Power elevation, power clamping, 84-1740 rpm, angle iron   |
| Sterlco               | Temperature controller       | F6016-MX         |      |  |
| Studer                | Cylindrical grinder          | S30-12           |      | 9.5x18" universal, under tarp to protect from grinding dust  |
| Sullair               | Air compressor               | 10-25            |      | 25HP horz tank mounted rotary screw type, Pioneer refrigerated air dryer   |
| Sullair               | Air compressor               | 10-25            |      | 25HP horz tank mounted rotary screw type   |
| Sullair               | Air compressor, rotary screw | ES-8-30DH/A      | 2004 | 30HP 120 gallon horizontal tank, air dryer option  |
| Sullair               | Air compressor               | ES-8-15H-AC-250V | 2000 | 15HP, about 6400 hours use indicated, 58CFM, 130 psi, not in service   |
| Sullivan Palatek      | Refrig air dryer             | SPRF295A-216     | 2015 | NEW  |
| Sunnen                | Honing machine               | MBB-1660         |      | 6" capacity  |
| Technamag and various | Electromagnetic chucks       | Unapparent       |      | Two 19" x 30" with control and two 12-1/2" x 19" with controls   |
| Torit                 | Dust collector               | 90-219-5         |      | 5HP  |
| Torit                 | Dust collector               | DFT3-12 Downflo  |      | 10HP, collection drum, checker board control panel   |
| Toyota                | Automobile, 4 door           | Camry            | 1996 | 2.2L 4 cylinder  |
| Trinco                | Blast cabinet, dry           | 24-BP            |      | 24x18 capacity   |
| Unapparent            | Cold saw                     | Unapparent       |      | Hand feed, 10" dia blade, swivel table, manual clamp, floor stand  |
| Unapparent            | Granite table                | Unapparent       |      | 120" x 72" x 15" thick, black, certified 2008  |
| Unapparent            | Jib crane                    | Inaccessible     |      | Electric hoist 2 ton   |
| Unapparent            | Jib crane                    | Inaccessible     |      | 1 ton with electric chain hoist  |

## Equipment List

5/10/2016

| Manufacturer | Machine Type                            | Model           | Year    | Specifications/comments  |
|--------------|---|-----------------|---------|--|
| Unapparent   | Jib crane                               | Inaccessible    |         | 1 ton with electric chain hoist  |
| Unapparent   | Jib crane                               | Unapparent      |         | 3 ton floor mounted, 15' arm electric 3 ton chain hoist  |
| Unapparent   | Jib crane, A frame style                | Unapparent      |         | 3 ton hoist  |
| Unapparent   | Jib crane, floor mounted                | Unapparent      |         | 3 ton cable hoist  |
| Unapparent   | Jib crane, floor mounted                | Unapparent      |         | 2 ton chain hoist  |
| Unapparent   | Monorail crane                          | 3 ton           |         | 33' x 18-1/2" x 7-1/2" wide flanges beam, 3 ton electric chain hoist   |
| Unapparent   | Monorail crane                          | Inaccessible    |         | 7 ton x 30' length freestanding, two 3 ton electric chain hoists, pendant controls   |
| Unapparent   | Monorail crane                          | Inaccessible    |         | 1 ton x 60' with 2 electric chain hoists   |
| Unapparent   | Monorail crane                          | Inaccessible    |         | 1 ton x 30' with electric chain hoists   |
| Unapparent   | Monorail crane                          | Inaccessible    |         | 1 ton x 30' with electric chain hoists   |
| Unison       | Centerless grinder                      | Dedtru 288-0000 |         | 6" x 18" table, 6-3/4" x 18" table travels, 8" max wheel diameter, 3" max wheel length, DedTru "C" attachment  |
| Unknown      | Lifting magnet                          | Unapparent      |         | Electromagnetic style  |
| Unknown      | Surface plate                           | Unapparent      |         | Granite, 48" x 60" x 12" with ledges, steel stand on wheels, certified   |
| Van Norman   | Universal vertical milling machine      | 24              | 1953    | 33x10-1/2 table, valued as scrap   |
| Van Norman   | Universal vertical milling machine      | 16S             | 1955    | 40-1/2x10 table, valued as scrap   |
| Vapor Blast  | Blast cabinet, dry                      | 2820            |         | 28x20 capacity   |
| Various      | Non-perishable tooling for all machines | Various         | Various | Chucks, rails, jaws, clamps, vises, tool holders, etc  |
| Various      | Office equipment & furniture            | Various         | Various | Partitions, desks, chairs, files, computers, printers, sofas, conference room, bookcases, plotters, tables, break area, credenzas, auxiliary equipment   |
| Various      | Shop equipment & furniture              | Various         | Various | Racks, racking, shelves, storage, tables, fasteners, benches, safe, chairs, files, granite plates, die carts, scales, chucks, vises, ladders, layout, power tools, pumps, chillers, spindles, misc |
| Various      | Surface plates                          | Various         |         | Lot of all smaller units throughout the shop   |
| Various      | Tooling and attachments                 | Various         |         | Spare tooling, machine attachments, rotary tables, miscellaneous supplies  |
| Various      | Tooling carts and tooling               | Various         |         | Lot of 4 tooling carts and approximately 145 Cat#50 taper tool holders   |
| Various      | Workstation computers                   | Various         |         | Lot of 6 new 2014 units and older units  |
| Weld Logic   | TIG welder                              | Pulsarc 10-100  |         | Olympus SZH10 stereo microscope, right angle column base, light source, accessories  |
| Westhoff     | Drill                                   | 100-1"          |         |  |
| Whitlock     | Hopper dryer                            | 50CL            |         | Novatec NPH 60# drying hopper  |

## Equipment List

5/10/2016

| <b>Manufacturer</b> | <b>Machine Type</b>          | <b>Model</b>    | <b>Year</b> | <b>Specifications/comments</b>   |
|---------------------|------------------------------|-----------------|-------------|--|
| Yale                | Forklift sit-down-rider      | GLC030CENUAV083 | 1992        | 3000# capacity, propane, 126" max lift, 42" forks, operator safety cage, solid rubber tires  |
| Yale                | Forklift sit-down-rider      | GLC120MGNGAE085 | 1998        | 12000# capacity, propane, 170" max lift, 3 stage mast, extended forks, side shifter, operator safety cage, solid rubber tires  |
| Zeiss               | Coordinate measuring machine | 7/9/5HTG        | 2001        | Gantry type, 36x48x28 capacity, Vast probe head system, 4 station probe holder, power supply, HP PC/printer, air dryer; requires new software and new internal computer hardware, under power not in use |