



| <u>QTY</u> | <u>BRAND</u>     | <u>EQUIPMENT MODEL</u>                               | <u>FUNCTION</u> |
|------------|------------------|--|-----------------|
| 1          | KITAMURA         | MYCENTER 2 XIH HIGH-SPEED VERTICAL MACHINING CENTERS | CNC MILLING     |
| 1          | KITAMURA         | MYCENTER 2 XIH HIGH-SPEED VERTICAL MACHINING CENTERS | CNC MILLING     |
| 1          | KITAMURA         | MYCENTER 3XG VERTICAL MACHINING CENTER               | CNC MILLING     |
| 1          | KITAMURA         | MYCENTER 3XG VERTICAL MACHINING CENTER               | CNC MILLING     |
| 1          | KITAMURA         | MYCENTER 3XD VERTICAL MACHINING CENTER               | CNC MILLING     |
| 1          | KITAMURA         | MYCENTER 3X VERTICAL MACHINING CENTER                | CNC MILLING     |
| 1          | KITAMURA         | MYCENTER 2 VERTICAL MACHINING CENTER                 | CNC MILLING     |
| 1          | KITAMURA         | MYCENTER 2 VERTICAL MACHINING CENTER                 | CNC MILLING     |
| 1          | OKK              | DGM 400 HIGH SPEED MACHINING CENTER                  | CNC MILLING     |
| 1          | MILLTRONICS      | RH20 MILLING MACHING                                 | CNC MILLING     |
|            | MILLTRONICS      | RH20 MILLING MACHING                                 | CNC MILLING     |
| 1          | KITAMURA         | MYCENTER 1XIH HIGH-SPEED VERTICAL MACHINING CENTER   | CNC MILLING     |
| 1          | KITAMURA         | MYCENTER 1XIH HIGH-SPEED VERTICAL MACHINING CENTER   | CNC MILLING     |
| 1          | MILLTRONICS      | PARTNER MB19 VERTICAL MILLING MACHINE                | CNC MILLING     |
| 1          | MILLTRONICS      | PARTNER MB19 VERTICAL MILLING MACHINE                | CNC MILLING     |
| 1          | MILLTRONICS      | PARTNER MB19 VERTICAL MILLING MACHINE                | CNC MILLING     |
| 1          | MILLTRONICS      | VM20 IL XT MILLING MACHING                           | CNC MILLING     |
| 1          | MILLTRONICS      | RW15 MILLING MACHING                                 | CNC MILLING     |
| 1          | MILLTRONICS      | RW15 MILLING MACHING                                 | CNC MILLING     |
| 1          | MILLTRONICS      | RW15 MILLING MACHING                                 | CNC MILLING     |
| 1          | ALLIANT          | 1-1/2 TMV VERTICAL MILL WITH PROTOTRAK M2 3-AXIS CNC | CNC MILLING     |
| 1          | ALLIANT          | 1-1/2 TMV VERTICAL MILL WITH PROTOTRAK M2 3-AXIS CNC | CNC MILLING     |
| 1          | ALLIANT          | 1-1/2 TMV VERTICAL MILL WITH PROTOTRAK M2 3-AXIS CNC | CNC MILLING     |
| 1          | BRIDGEPORT       | SERIES 1 WITH PROTOTRAK M2 2-AXIS CNC CONTROL        | CNC MILLING     |
| 1          | BRIDGEPORT       | SERIES 1 WITH PROTOTRAK M2 2-AXIS CNC CONTROL        | CNC MILLING     |
| 1          | BRIDGEPORT       | SERIES 1 WITH PROTOTRAK M2 2-AXIS CNC CONTROL        | CNC MILLING     |
| 1          | MITSUBISHI       | MV1200R WIRE EDM                                     | WIRE EDM        |
| 1          | MITSUBISHI       | MV2000R WIRE EDM                                     | WIRE EDM        |
| 1          | BROTHER          | H70A 4 AXIS WIRE EDM                                 | WIRE EDM        |
| 1          | BROTHER          | H70A 4 AXIS WIRE EDM                                 | WIRE EDM        |
| 1          | BROTHER          | H70A 4 AXIS WIRE EDM                                 | WIRE EDM        |
| 1          | MITSUBISHI       | FA 20 4 AXIS WIRE EDM W/AUTOTHREAD                   | WIRE EDM        |
| 1          | MITSUBISHI       | FA 20 4 AXIS WIRE EDM W/AUTOTHREAD                   | WIRE EDM        |
| 1          | MITSUBISHI       | FA 20 4 AXIS WIRE EDM W/AUTOTHREAD                   | WIRE EDM        |
| 1          | MITSUBISHI       | EA28V CNC SINKER EDM                                 | CNC EDM         |
| 1          | MITSUBISHI       | EA22P CNC SINKER EDM                                 | CNC EDM         |
| 1          | MITSUBISHI       | EA12V CNC SINKER EDM                                 | CNC EDM         |
| 1          | MITSUBISHI       | EA12V CNC SINKER EDM                                 | CNC EDM         |
| 1          | CHARMILLES       | ROBOFORM 41 CNC RAM EDM                              | CNC EDM         |
| 1          | OKAMOTO          | 1224 DX AUTOMATIC SURFACE GRINDER                    | GRINDING        |
| 1          | OKAMOTO          | 1224 DX AUTOMATIC SURFACE GRINDER                    | GRINDING        |
| 4          | OKAMOTO          | 6-12/14 MANUAL SURFACE GRINDER W/2 AXIS DRO          | GRINDING        |
| 3          | CHEVALIER        | FSG 618M MANUAL SURFACE GRINDER                      | GRINDING        |
| 10         | OKAMOTO          | 6-12/14 MANUAL SURFACE GRINDER W/2 AXIS DRO          | GRINDING        |
| 9          | OKAMOTO          | 6-12/14 MANUAL SURFACE GRINDER W/2 AXIS DRO          | GRINDING        |
| 7          | OKAMOTO          | 6-12/14 MANUAL SURFACE GRINDER W/2 AXIS DRO          | GRINDING        |
| 1          | ROFIN            | INTRGRAL WITH A 200 WATT LASER                       | LASER WELDING   |
| 6          | HANSVEDT         | MS-1 BENCHMAN 201E RAM EDM W/3 AXIS DRO              | MANUAL EDM      |
| 3          | HANSVEDT         | 1500E RAM EDM W/3 AXIS DRO                           | MANUAL EDM      |
| 1          | BRIDGEPORT       | SERIES 2 VERTICAL MILLING MACH W/2 AXIS DRO          | MILLING         |
| 1          | KEARNEY & TRECKI | 15 HP 3CK VERTICAL MILLING MACH                      | MILLING         |
| 1          | BRIDGEPORT       | SERIES 1 VERTICAL MILLING MACH W/2 AXIS DRO          | MILLING         |
| 10         | ALLIANT          | 1-1/2 TMV VERTICAL MILLING MACH W/2 AXIS DRO         | MILLING         |
| 4          | ALLIANT          | 1-1/2 TMV VERTICAL MILLING MACH W/2 AXIS DRO         | MILLING         |
| 1          | AMERICAN MACH T  | TURNMASTER 13X40 LATHE                               | LATHE           |
| 1          | SOUTH BEND       | GF 50-800 RADIAL DRILL                               | DRILL           |
| 1          | CURRENTEDM       | EDM DRILL ST300                                      | EDM DRILL       |

|   |                |                                  |               |
|---|----------------|----------------------------------|---------------|
| 1 | KUHLMANN       | NF2 2 AXIS PANTOGRAPH            | ENGRAVING     |
| 1 | BLUE WAVE      | 18 X 25 ULTRASONIC PARTS CLEANER | CLEANING      |
| 1 | BLUE WAVE      | 24 X 30 ULTRASONIC PARTS CLEANER | CLEANING      |
| 1 | BRANSON        | ULTRASONIC 50 GAL. PARTS CLEANER | MOLD CLEANING |
| 1 | BRANSON        | ULTRASONIC 50 GAL. PARTS CLEANER | MOLD CLEANING |
| 1 | GRAYMILLS      | AQUEOUS PARTS WASHER             | MOLD CLEANING |
| 1 | GRAYMILLS      | AQUEOUS PARTS WASHER             | MOLD CLEANING |
| 1 | GRAYMILLS      | AQUEOUS PARTS WASHER             | MOLD CLEANING |
| 1 | GRAYMILLS      | AQUEOUS PARTS WASHER             | MOLD CLEANING |
| 1 | W.F. WELLS     | W-9-1 BANDSAW                    | CUTTING       |
| 1 | KYSOR JOHNSON  | KJ10 BANDSAW                     | CUTTING       |
| 1 | KYSOR-JOHNSON  | BANDSAW - VERTICAL               | CUTTING       |
| 1 | DME            | PIN CUT OFF/GRINDER MACHINE      | CUTTING       |
| 1 | OGP            | OL 30 OPTICAL COMPARATOR         | METROLOGY     |
| 1 | INGERSOLL-RAND | 25 HP AIR COMPRESSOR             | SHOP AIR      |
| 1 | GARDNER-DENVER | 25 HP ROTARY AIR COMPRESSOR      | SHOP AIR      |

### SOFTWARE LICENSES:

#### CAD

PRO/ENGINEER  
I-DEAS MECHANICAL DESIGN (A505 PACKAGE)  
KEYCREATOR  
NX DESIGNER BUNDLE (UNIGRAPHICS)  
PDM FILE LIBRARIAN; PRODUCT CENTER

#### CAE

ABAQUS - FINITE ELEMENT ANALYSIS (FEA)  
PRO/MECHANICA - FINITE ELEMENT ANALYSIS (FEA)  
MOLDFLOW PART FILL ANALYSIS  
MOLDFLOW MOLD ADVISOR  
MOLDFLOW MOLD PERFORMANCE ADVISOR  
MOLDFLOW COOLING CIRCUIT ADVISOR

#### CAM

MASTERCAM  
SMARTCAM ADVANCED PRODUCTION MILLING

### SOFTWARE TRANSLATORS:

#### 3D

PRO/ENGINEER NEUTRAL  
KEYCREATOR DIRECT TRANSLATOR FOR AUTOCAD, SOLIDWORKS, CATIA, & PRO/E  
IGES - SURFACE AND/OR WIREFRAME  
STEP - SURFACES OR SOLIDS  
PARASOLID

#### 2D

DXF  
IGES  
TIF - IMAGE OF DRAWING  
CGM - IMAGE OF DRAWING  
PDF - FILE OF DRAWING