

## PARTS LIST PAGE 1

| MAKE                   | PART No                | IN STOCK. |
|------------------------|------------------------|-----------|
| SIEMANS POWER SUPPLY , | IP6EP1436-2BAOO        | 1 OFF     |
| SIEMANS CAP UNIT       | IP6SN1112-IABOO-IBAO   | 1 OFF     |
| ^^^^ET2005 UNIT        | 3RK1301-IABOO-IAA2     | 1 OFF     |
| ^^^^ET2005 UNIT        | 3RK1301-IBBOO-IAA2     | 2 OFF     |
| ^^^^ET2005UNIT         | 3RK1301-OJBOO-DAA2     | 4 OFF     |
| ^^^^ET2005 UNIT        | 3RK1301-IJBOO-OAA2     | 2 OFF     |
| ^^^^ET2005 UNIT        | 3RK1301-IABOO-OAA2     | 1 OFF     |
| ^^^TERMINAL MODULES    | 3RK1903-OABOO          | 2 OFF     |
| ^^^ DRIVE CARD         | IP65N1118-ODM21-OAAO   | 1 OFF     |
| ^^^ DRIVE CARD         | IP65N1118-ODM31-OAAO   | 2 OFF     |
| ^^^CIRCUIT BREAKER     | 3VF3131-IFL41-OAAO     | 4 OFF     |
| ^^^CIRCUIT BREAKER     | 11-16A-3RV1011-IAAIO   | 9 OFF     |
| ^^^ CIRCUIT BREAKER    | 22-3RA-3RV1021-IDA10   | 3 OFF     |
| ^^^CIRCUIT BREAKER     | 1-4-2A 3RV1011-BA10    | 4 OFF     |
| ^^^CIRCUIT BREAKER     | 0-7-IA 3RV1011-OJA10   | 4OFF      |
| ^^^CIRCUIT BREAKER     | 5-5-8A 3RV1011-IHA10   | 2OFF      |
| ^^^CIRCUIT BREAKER     | 0-35-05A 3RV1011-OFA10 | 10FF      |
| ^^^CIRCUIT BREAKER     | 2-8-4A 3RV1011-IEA10   | 1 OFF     |
| ^^^CIRCUIT BREAKER     | 7-0-IDA 3RV1011-IJA10  | 10FF      |
| ^^^ CIRCUIT BREAKER    | 4-5-6-3A 3RV1011-IGA10 | 10FF      |
| ^^^ CIRCUIT BREAKER    | 3-5-5A 3RV1021-IFA10   | 1 OFF     |
| ^^^CONTACTOR 24V       | 3RT1026-IBB40          | 1 OFF     |

## PARTS LIST PAGE 2

| MAKE                                                 | PARTS No              | IN STOCK |
|------------------------------------------------------|-----------------------|----------|
| SIEMANS REVERSING CONTACTOR 110V 3RA1316-8XB30-IAFO  |                       | 1 OFF    |
| ^^^ CONTACTOR 110V                                   | 32X1012-02H11-IAAI    | 1OFF     |
| ^^^ SIGURD E STOP RELAY 24V                          | 3TK2827-2BB40         | 2OFF     |
| ^^^AD14 MODUEL                                       | IP6FC5211-OBAA01-OAAO | 1OFF     |
| ^^^PMDf2 BASE MODULE                                 | 3RK1903-IAAOO         | 6 OFF    |
| ^^^I/O MODULE BASE                                   | 6ES7193-4CB30-OAAO    | 4 OFF    |
| ^^^INPUT MODULE                                      | 6ES7131-4BDOO-OAAO    | 6 OFF    |
| ^^^ OUTPUT MODULE                                    | 6ES71324BDOO-OAAO     | 6 OFF    |
| ^^^TERMINAL BLOCK                                    | 3RK1903-2AA10         | 24 OFF   |
| ^^^STARTER KIT                                       | 3RK1903-ICAOO         | 7 OFF    |
| AVX CONTACT BLOCK 3NOXINC 3RH1921-IFA31              |                       | 2 OFF    |
| PUSHBUTTON PUSHLOCK TWISTRELEASE 3SB03-KHR           |                       | 2 OFF    |
| SURGE SUPPRESSOR AC/DC                               | 3RT1916-IJKOO         | 3 OFF    |
| SIEMANS BUS CONNECTOR                                | 6ES7-972-OBA12-OXAO   | 4 OFF    |
| BUS CONNECTOR MPI                                    | 6FX2003-0AA02         | 1 OFF    |
| PLUG HOUSING 6FX2006-1BA82F-O848C0848D               |                       | 1 OFF    |
| REXROTH DATA CONNECTOR PROFIBUS DP 12MB 546 046 3602 |                       | 3 OFF    |
| BROYCE CONTROL C-DROP RELAY TYPE BIPR                |                       | 4 OFF    |
| SIEMENS SIRUS CONTACTOR 3RT1045-1BB40                |                       | 2 OFF    |
| SIEMANS SIGURD ESR1                                  | 3TK2827-2BB40         | 6 OFF    |
| ^^^ SIGURD ESR3                                      | 3TK2828-IBB40         | 4 OFF    |
| MODULE BASE 6ESF 193- 4CB30-OAAO                     |                       | 4 OFF    |

# PARTS LIST PAGE 3

| MAKE                                 | PARTS NO                         | IN STOCK |
|--------------------------------------|----------------------------------|----------|
| MODULE 6ESF 132                      | 4BDOO-OAAO                       | 2 OFF    |
| LIMIT SWITCH                         | SLI-A 1266927                    | 10 OFF   |
| OUTPUT CHIP                          | QTC MOC-2500                     | 20 OFF   |
| TRANSFORMER                          | SIEMENS SIDAC-T4MAM5595-OAW10-OB | 4 OFF    |
| 24VOLT POWER SUPPLY 1-2A OUTPUT      |                                  | 6 OFF    |
| RENISHAW M18 BOARD                   | A2037-OO10-03                    | 4 OFF    |
| OUTPUT MODULE BOARD CRYDOM           |                                  | 8 OFF    |
| REED SWITCH T/C DSMIC                |                                  | 6 OFF    |
| E-STOP RELAY                         | RS-NAGE AC -9607-9000            | 6 OFF    |
| RELAY OVERLOAD REGEN UNIT            |                                  | 3 OFF    |
| RELAY TEMP CONNTROLLER DTC410        |                                  | 2 OFF    |
| OUTPUT MODULE OAC24A OLDSTYLE        |                                  | 14 OFF   |
| OUTPUT MODULE OAC24V BOARD PRE 1996. |                                  | 6 OFF    |

## MOTORS

|                                                                   |                      |       |
|-------------------------------------------------------------------|----------------------|-------|
| FANCU AC SERVO MOTOR                                              | AO6B-0239-B101       | 2 OFF |
| FANUC AM2/5000HVIMOTOR                                            | AO6B-0213-B200#-0100 | 1 OFF |
| FANUC MODULE 5S MOTOR                                             | AO6B-0314-B504# 7008 | 1 OFF |
| HEIDENHAIN BREAK MOTOR[24VOLT]                                    | OSY-116J-339-878-04  | 1 OFF |
| FANUC PULSECODER                                                  | A860-0365-V501       | 1 OFF |
| KOLLMORGAN SERVO MOTOR-1250/2000/3000 XORY MOTOR                  |                      |       |
| PART No B-614-A-A9-O46/95G614A-55                                 |                      | 1 OFF |
| KOLLMORGAN SERVO MOTOR –B-614-A-A9-B2-O64 FOR 1250/2000/3000 XORY |                      | 1 OFF |

## PARTS LIST PAGE 4

| MAKE                                                     | PART No              | IN STOCK |
|----------------------------------------------------------|----------------------|----------|
| KOLLMORGAN SERVO MOTOR ZAXIS                             | -1-604-0222          | 1 OFF    |
| KOLLMORGAN SERVO MOTOR XORY AXIS                         | 1-604-0213           | 2 OFF    |
| CT MOTOR Z AXIS DUTYMAX M5                               |                      | 2 OFF    |
| KOLLMORGAN/VICKERS BDS4 DRIVES                           |                      |          |
| BDS4-210-23-415V32 10AMP                                 |                      | 6 OFF    |
| BDS4-210-23-414W32 10 AMP                                |                      | 1 OFF    |
| BD54-220-23-615-W32 20AMP                                |                      | 1 OFF    |
| BD54-210-27-414-V32 10 AMP                               |                      | 1 OFF    |
| BD54-220-23-614A32 20 AMP                                |                      | 1 OFF    |
| FANUC DRIVES                                             |                      |          |
| AO6B-6124-H206                                           |                      | 1 OFF    |
| AO6B-6124- H104                                          |                      | 1 OFF    |
| HEIDENHAIN FACE BOARD                                    | 250-517-03           | 1 OFF    |
| VICKERS HYDAULIC VALVE 110VOLT                           | DG4-V-35-2N-MU-B5-60 | 2 OFF    |
| CKD VALVE 110VOLT 4KB49-C3                               |                      | 1 OFF    |
| A2100 OSA EMERGENCY STOP ASSEMBLY                        |                      | 6 OFF    |
| RS.P.N 345-993 TIMER/RELAY 110 VOLT                      |                      | 1 OFF    |
| CRYDOM BRIDGE RECTIFER PNM505014FV-Y263                  |                      | 2 OFF    |
| VICKERS ONEWAY HIGH COOLENT PRESURE VALVE DT8P1065 11ENB |                      | 2 OFF    |
| HONEYWELL LIMIT SWITCH P-XP-11267                        |                      | 2 OFF    |
| G&E ELECTRONIC RELAY RD115AEN-124234                     |                      | 1 OFF    |
| VICKERS IN LINE 3 PHASE FILTER PN 1370-6019              |                      | 4 OFF    |

## PARTS LIST PAGE 5

| MAKE                                               | PARTS NO | IN STOCK |
|----------------------------------------------------|----------|----------|
| DTC 410 TEMPERTURE CONTROLLER                      |          | 2 OFF    |
| MCB C32-PSB332-C THREE PHASE OVERLOAD              |          | 2 OFF    |
| EATON MDH332-D32 THREE PHASE OVERLOAD              |          | 1 OFF    |
| MERLIN GERIN MVLTI9-C60HC C20 THREE PHASE OVERLOAD |          | 1 OFF    |
| MEMSHIELD MDL363 D63 THREE PHASE OVERLOAD          |          | 1 OFF    |
| PC BOARDS                                          |          |          |
| 3.542-1210A A2100I/O BOARD                         |          | 10 OFF   |
| 3.533-0907G 900/850 MTB BOARD                      |          | 1 OFF    |
| 3.531 3563A MAXIMISER INTERFACE AC OUTPUT          |          | 1 OFF    |
| 3.542-1223A KTI BOARD                              |          | 5 OFF    |
| 3.542-1336A PENDENT BOARD                          |          | 1 OFF    |
| 3.525 0998A A2100 KEYPAD PLB                       |          | 1 OFF    |
| CUTLER HAMMER FT 11P-18                            |          | 3 OFF    |
| THERMAL OVERLOAD RELAY                             |          | 2 OFF    |
| FANUC A2OB-2003-0150 PCB 2 SLOT                    |          | 1 OFF    |
| FANUC A16B-2202-0730 PCB WITH I.C                  |          | 1 OFF    |
| POWER SUPPLY INPUT 230/110 OUTPUT 24 VOLTS         |          | 2 OFF    |
| ZWS75PF-24/A CIN PART No 1270760-013               |          | 1 OFF    |
| FANUC I.O. MODULE A02B-0236-C205.                  |          | 1 OFF    |
| FANUC A203-2100-0220/05APCB 2 SLOT                 |          | 1 OFF    |
| FANUC A20B-2003-0150/05A PCB 2 SLOT                |          | 1 OFF    |
| OPERATION PANAL A02B-0236-C141/M FANUC             |          | 1 OFF    |

## PARTS LIST PAGE 6

| MAKE                                     | PART No | IN STOCK |
|------------------------------------------|---------|----------|
| BD54 COMP BOARD 306412W REV D            |         | 1 OFF    |
| BDS5 EXT1/REV C IO BOARD                 |         | 1 OFF    |
| COULTER BOARD 126446                     |         | 3 OFF    |
| COULTER INPUT BOARD 1269581              |         | 2 OFF    |
| COULTER COMMICATION BOARD 1269621C       |         | 2 OFF    |
| COULTER BOARD 126577E                    |         | 2 OFF    |
| COULTER BOARD 1269078                    |         | 3 OFF    |
| COULTER BOARD 1269519A                   |         | 2 OFF    |
| COULTER BOARD 127419B                    |         | 2 OFF    |
| COULTER BOARD 1274807                    |         | 1 OFF    |
| COULTER BOARD 127513A                    |         | 1 OFF    |
| COULTER BOARD 1274198                    |         | 1 OFF    |
| COULTER BOARD 1269582B                   |         | 1 OFF    |
| COULTER BOARD 1269583A                   |         | 1 OFF    |
| SCHRACH RTE24024 24VOLT RELAY            |         | 45 OFF   |
| SCHRACH AP420615 115VOLT RELAY           |         | 25 OFF   |
| IMO SY41P X 24/DC 24VOLT RELAY           |         | 25 OFF   |
| POWER SUPPLY 24VOLT P/NO. 1270760-013.   |         | 4 OFF    |
| BULLUFF BRGB3-WAB12 ENCODER              |         | 2 OFF    |
| OMRON G-2R-2-24V DC POWER RELAY          |         | 20 OFF   |
| SEMIKRON SKB25/08 BRIDGE RECTIFER        |         | 8 OFF    |
| CINCINNATI BUFFER BOARD 4-531-3112A00A/J |         | 1 OFF    |

## PARTS LIST PAGE 7

| MAKE | PARTS NO                                            | IN STOCK |
|------|-----------------------------------------------------|----------|
|      | KTI 2 BOARD 3-542-1382A                             | 3 OFF    |
|      | SPINDLE DRIVE BELTS P.NO. 1263015                   | 16 OFF   |
|      | KOLLMORGEN POWER SUPPLY PSR452-207503 230VAC/20AMP. | 1 OFF    |
|      | TSC COARSE FILTER P/NO. 12739870001                 | 2 OFF    |
|      | OSA TO PCA HARNESS P/NO. 3-422-3703A02              | 3 OFF    |
|      | OSA TO PCA HARNESS P/NO. 1269639                    | 4 OFF    |
|      | KLIPPON BRAKE HARNESS                               | 2 OFF    |
|      | HEIDENHAIN HANDWHEEL HR 130 100                     | 2 OFF    |
|      | A2100 I/O HARNESS P/NO. 1273544-004                 | 18 OFF   |
|      | SIEMENS SID AC-T TRANSFORMER 4AM5595                | 4 OFF    |
|      | SIEMENS SURGE SUPPRESSORS 3RT1916-1J00-E01          | 20 OFF   |
|      | GRAYHILL 70G-OAC24V AC OUTPUT MODULE                | 40 OFF   |
|      | GRAYHILL 70G-OAC24V DC OUTPUT MODULE                | 4 OFF    |
|      | TOSHIBA INVERTER DRV5                               | 2 OFF    |
|      | CONVEL CE 5071 24VOLT POWER SUPPLY P/NO. 1264039    | 2 OFF    |
|      | RENISHAW RP1/RP2 PROBE KIT COMPLETE.                | 3 OFF    |
|      | RENISHAW MP8 SPINDLE PROBE KIT COMPLETE.            | 2 OFF    |
|      | CONVEL 24VOLT-3.6A POWER SUPPLY                     | 3 OFF    |
|      | LAMBRA DLP120-24-1/E 24VOLT/5AMP POWER SUPPLY       | 3 OFF    |
|      | HEIDENHAIN 410B CONTROL [KOLLMORGEN DRIVES]         | 1 OFF    |
|      | RENISHAW CJ8 CABLE JUNCTION UNIT                    | 1 OFF    |
|      | FANUC MAGNETIC SENSOR A57L-0001-0037                | 2 OFF    |

## PARTS LIST PAGE 8

| MAKE                                              | PARTS NO | IN STOCK |
|---------------------------------------------------|----------|----------|
| CINCINNATI HARNESS P/NO. 001270083                |          | 2 OFF    |
| CIN. SOLENOID TO PC 22 HARNESS P/NO 061263681-001 |          | 2 OFF    |
| MURR ELEKTRONIK SUPPRESSOR P/NO 20010             |          | 20 OFF   |
| CIN. HARNESS FOR FAN P/NO. 001268898              |          | 4 OFF    |
| PROXCIMITY SWITCH HARNESS P/NO. 1121S2            |          | 3 OFF    |
| SOLINOID HARNESS P/NO. 1125S2                     |          | 2 OFF    |
| FANUC FEEDBACK CABLE FOR FOR X&Y AXIS [21i/18i]   |          | 2 OFF    |
| LUMBERG FP0118 HARNESS                            |          | 3 OFF    |
| SPINDLE MOTOR/REGEN FAN 115 VOLT RS NO; 434-9876  |          | 4 OFF    |
| DRIVE FANS 115VOLTS RS NO; 506-065.               |          | 4 OFF    |
| REGEN FANS 240VOLTS RS NO; 508-071                |          | 2 OFF    |
| CABINET FANS 115VOLTS 120MM X 120MM               |          | 6 OFF    |
| Z AXIS FANS 115VOLTS 120MM X 120MM                |          | 6 OFF    |
| Z AXIS FANS 24VOLTS 120MM X 120MM                 |          | 10 OFF   |
| A2100 POWER SUPPLY FANS 12VOLTS 80MM X 80MM       |          | 14 OFF   |
| SERVO DRIVE FANS 24VOLTS 40MM X 40MM              |          | 8 OFF    |
| PC FANS 12VOLTS 60MM X 60MM                       |          | 10 OFF   |
| PC FANS 12VOLTS 50MM X 50MM                       |          | 10 OFF   |
| 10,000RPMSPINDLE MOTOR FAN 115VOLTS               |          | 2 OFF    |
| FANUC I/O A03B-0815-C001                          |          | 2 OFF    |
| SIEMENS VERTEILERBOX 6EX2006-1BH01                |          | 2 OFF    |
| SUPRESSOR CAPACITOR KIT RSNO; 238-299             |          |          |



## PARTS LIST PAGE 9

| MAKE                                                       | PARTS NO       | IN STOCK |
|------------------------------------------------------------|----------------|----------|
| A2100 BOARD                                                | 3-542-1022A    | 2 OFF    |
| FANUC DISCHARGE UNIT                                       | AO6B-6050-H050 | 2 OFF    |
| FANUC DISCHARGE UNIT                                       | AO6B-6050-H052 | 3 OFF    |
| POWER SUPPLY 110VOLT-24VOLT K50A-24                        |                | 2 OFF    |
| COUTANT POWER SUPPLY HSN24-3.6                             |                | 4 OFF    |
| TRANSFORMER 415-110VOLTS RS-180-112.                       |                | 2 OFF    |
| A2100 ZAXIS SCALE CABLE 5METRES                            |                | 2 OFF    |
| RENISHAW OM1 PROBE ON5003                                  |                | 2 OFF    |
| CINCINNATI HARNESS 1274154-001                             |                | 2 OFF    |
| HEIDENHAIN ENCODER BOX EXE 610B                            |                | 2 OFF    |
| TROYKE ESW SM45 PRESSURE SWITCH                            |                | 6 OFF    |
| MURR ELEKTRONIK INPUT/OUTPUT MODULE 51-120                 |                | 10 OFF   |
| UMK-4-OM-R/MF INPUT/OUTPUT MODULE                          |                | 4 OFF    |
| RS 403-342 INPUT/OUTPUT MODULE                             |                | 2 OFF    |
| THURST BEARING SETS.                                       |                |          |
| 1.CIN. PART NO. 008831980000./RHP NO. BSB093DFHP3Q.        |                | 18 SETS. |
| 2.CIN.PART NO. 0014302370000./RHP NO. BSB030062DBHP3Q.     |                | 2 SETS   |
| 3.CIN.PART NO. 0014302570000./RHP NO. BSBO8O400722TBMP3-01 |                | 2 SETS   |
| 4. CIN.PART NO. 0012698520000./RHP NO.BSB025062DBHP3Q.     |                | 4 SETS   |
| 5.RHP NO. BSB3025DUHP.                                     |                | 4 SETS   |
| 6. RHP NO. 7305BETNSUMP5.                                  |                | 2 SETS.. |

## PARTS LIST PAGE 10.

| MAKE                                  | PART NO.                 | IN STOCK |
|---------------------------------------|--------------------------|----------|
| NSK.SUPPORT BEARING.                  | 6305 DDU.                | 10 OFF.  |
| NSK SUPPORT BEARING.                  | 6005 DDUCM NS7S.         | 2 OFF.   |
| NSK SUPPORT BEARING.                  | 6203 1891                | 2 OFF.   |
| NSK SUPPORT BEARING.                  | 6010 – 2RS1.             | 3 OFF.   |
| FAG. SUPPORT BEARING.                 | 6010 -2RSR C3            | 2 OFF.   |
| SKF ROLLER BEARING                    | GENEVA SHAFT 32006       | 3 OFF    |
| SKF ROLLER BEARING.                   | TOOLCHANGER MAIN 32012   | 6 OFF    |
| INA CAM BEARING                       | LFR5301-10-2Z            | 2 SETS.  |
| SPINDLE MOTOR BEARING.                | 6807Z.                   | 2 OFF.   |
| FAFNIR THRUST BEARING.                | 3MM9109W1DULC2.          | 1 OFF.   |
| RHP THRUST BEARING.                   | BSB025062DUHP3           | 1 OFF.   |
| TELEMECANIQUE CONTACTOR               | LCI D2510F7 110V 50/60HZ | 6 OFF    |
| TELEMECANIQUE CONTACTOR               | LCI D1210F7 110V 50/60HZ | 30 OFF   |
| TELEMECANIQUE REVERSING CONTACTOR     | LC2 K0901F7 110V 50/60HZ | 9 OFF    |
| TELEMECANIQUE REVERSING CONTACTOR     | LCD D0901F7 110V 50/60HZ | 8 OFF    |
| TELEMECANIQUE REVERSING MOTOR STARTER | GV2 M06K222F7            | 3 OFF    |
| TELEMECANIQUE MOTOR STARTER           | GV2 M07K1F7              | 4 OFF    |
| TELEMECANIQUE CIRCUIT BREAKER         | GV2MO5 021084 063-1A     | 12 OFF   |
| TELEMECANIQUE CIRCUIT BREAKER         | GV2MO6 021085 1-1.6A     | 4 OFF    |
| TELEMECANIQUE CIRCUIT BREAKER         | GV2M07 021086 1.6-2.5A   | 4 OFF    |
| TELEMECANIQUE CIRCUIT BREAKER         | GV2MO8 021087 2.5-4A     | 4 OFF    |
| TELEMECANIQUE CIRCUIT BREAKER         | GV2M10 021088 4-6.3A     | 4 OFF    |

## PARTS LIST PAGE 11

| MAKE                 | PART NO.                                         | IN STOCK |
|----------------------|--------------------------------------------------|----------|
| TELEMECANIQUE        | CIRCUIT BREAKER GV2M14 021089 6-10A              | 4 OFF    |
| TELEMECANIQUE        | CIRCUIT BREAKER GV2M16021090 9-14A               | 3 OFF    |
| TELEMECANIQUE        | CURCUIT BREAKER GV2M21021092 17-23A              | 5 OFF    |
| TELEMECANIQUE        | CONTACTOR LC1 D8011 F7 M20 80AMP                 | 4 OFF    |
| TELEMECANIQUE        | CONTACTOR LC1 D5011F7 M11 50AMP                  | 4 OFF    |
| TELEMECANIQUE        | CONTACTOR LC1 D3211F7 32AMP                      | 6 OFF    |
| ALLEN BRADLEY        | BULLENTIN 100-A60ND3-C CONTACTOR                 | 1 OFF    |
| FOXTAM               | CONTROL DROP RELAY RTU O.1S                      | 4 OFF    |
| K.G.                 | E-STOP RELAY CONTROL AK 5984.55/101              | 1 OFF    |
| TEMPATRON            | UNIT TYPE T8446 [ CHILLER ]                      | 2 OFF    |
| POWER SUPPLY         | ZWS50-24PSU. 50W/24V. 1270760-012                | 4 OFF    |
| MURRELEKTRONIK       | SURGE SUPPRESSOR P/NO. 23050 575VAC.             | 8 OFF    |
| EUCHNER              | DOOR SWITCH TZ1RE024M 24VOLT.                    | 6 OFF    |
| EUCHNER              | DOOR SWITCH TZ1LE110M-R 110VOLT                  | 3 OFF    |
| TOOL/CHANGER         | INDEX MOTOR AND GEARBOX 110VOLT                  | 4 OFF    |
| BALL PRESSURE SWITCH | RC-861-CZ-084-HYT.                               | 3 OFF    |
| A2100                | ETHERNET NETWORK CARD 3-5333-1105G               | 2 OFF    |
| A2100                | ETHERNET NETWORK CARD 3-COM ETHERLINK ITI 3C5099 | 2 OFF    |
| CKD                  | VALVE 4KB219-B SET OF 4 IN LINE                  | 1 OFF    |
| SOLENOID VALVE       | AB41-2G-3                                        | 3 OFF    |
| A2100                | FLOPPY DISK DRIVE 3-424-21281A07                 | 3 OFF    |
| FANUC                | HANDWHEEL A860-0203-T001                         | 2 OFF    |

## PARTS LIST PAGE 12

| MAKE | PART NO.                                          | IN STOCK |
|------|---------------------------------------------------|----------|
|      | A2100 LCD OSA ASSEMBLY 3-424-2202A                | 6 OFF    |
|      | CT LCD REPLACEMENT MONITORS                       | 2 OFF    |
|      | 850X COMP BOARD 3-533-0907G                       | 1 OFF    |
|      | 850X POWER SUPPLY ON CHASSIE                      | 1 OFF    |
|      | TRANSFORMER 415-110VOLTS RS-180-112               | 2 OFF    |
|      | DROPSA VIP-2 CONTROL UNIT 639093                  | 2 OFF    |
|      | Y AXIS SCALE FEEDBACK CABLE X2-SCL2 NO.2803       | 2 OFF    |
|      | SIEMENS SOLENOID HARNESS NO. 1125-S2              | 2 OFF    |
|      | SIEMENS SCALE FEEDBACK HARNESS 1279611-002        | 2 OFF    |
|      | FANUC FEEDBACK HARNESS JF2-2339                   | 2 OFF    |
|      | SIEMENS PROXCIMTY SWITCH HARNESS 5 METRES         | 3 OFF    |
|      | A2100 Z AXIS SCALE FEEDBACK CABLE 10 METRES       | 2 OFF    |
|      | A2100 J1 TO V2 HARNESS 1269584-003                | 20 OFF   |
|      | SPINDLE DRAWBAR P.NO. 1268052A                    | 8 OFF    |
|      | SPINDLE PUSHROD LEFTHAND THREAD P.NO. 12686060000 | 5 OFF    |
|      | COVER TC BOTTEM P.NO.1264743A                     | 2 OFF    |
|      | M60 LOCKNUT TOOLCHANGE HUB SHAFT                  | 4 OFF    |
|      | COUPLING BALLSCREW COLLAR TYPE                    | 8 OFF    |
|      | LENZE COUPLING INSERT LARGE                       | 4 OFF    |
|      | LENZE COUPLING INSERT SMALL                       | 4 OFF    |
|      | CORK GASKET P.NO. 1268956                         | 10 OFF   |
|      | PROXCIMITY SWITCH 8MM 1262495                     | 10 OFF   |

## PARTS LIST PAGE 13

| MAKE                                 | PART NO.                     | IN STOCK |
|--------------------------------------|------------------------------|----------|
| A2100 PENDANT HANDWHEEL              | OLM-01-2DZ1-111              | 8 OFF    |
| A2100 PENDANT ASSY.                  | 3-424-2194A                  | 8 OFF    |
| A2100 PENDANT PUSHBUTTON BOARD       | 3-424-1224A                  | 6 OFF    |
| A2100 PENDANT CONTROL BOARD          | 3-542-1219A                  | 8 OFF    |
| C T DRIVE PERSONALITY CARD           |                              | 3 OFF    |
| OMRON 24VOLT 10AMP 11PIN RELAY       | LY3                          | 2 OFF    |
| OMRON SHL-02155                      | 125AC/12-48V DC MICRO SWITCH | 2 OFF    |
| OMRON SHL-02255.01                   | 125AC/12-48V DC MICRO SWITCH | 2 OFF    |
| FREEMPORT BZ-2RO1-AAA2               | MICRO SWITCH                 | 2 OFF    |
| BALLUFF BES-516-325-S4-C             | PROXCIMITY SWITCH            | 4 OFF    |
| BALLUFF BES-516-ES-Y-S4              | PROXCIMITY SWITCH            | 2 OFF    |
| CROMLOCK ELECTRONIC TIMER            | CS-353 24VOLTS DC            | 2 OFF    |
| RS ELECTRONIC TIMER P. NO.           | 177-863 24 VOLT              | 1 OFF    |
| EUCHER PROXCIMITY SWITCH&CABLE       | ECT-12-S-01APO-24            | 2 OFF    |
| EUCHER TREBLE MICRO SWITCH           | SN-03-008-C1094              | 4 OFF    |
| RITTAL MICRO SWITCH                  | S2-2586 24 VOLT              | 1 OFF    |
| ALLEN BRABLEY SAFTY INTERLOCK SWITCH | TLS1-GD2                     | 2 OFF    |
| TELEMECANIQUE DOOR SWITCH            | XCS-TE-240-110 VOLTS         | 2 OFF    |
| SCHRACK RELAY BASE                   | 2T5786Z5 FOR 24V/115V RELAYS | 10 OFF   |
| OC3-1324W1 RELAY BASE                | FOR 24V/110V RELAYS          | 10 OFF   |
| CURTIS HOUR METER RS                 | P.NO. 237-2379               | 4 OFF    |
| SIEMENS E-STOP RELAY                 | 3SB1400-0H                   | 10 OFF   |

## PARTS LIST PAGE 14

| MAKE                                            | PART NO.                             | IN STOCK |
|-------------------------------------------------|--------------------------------------|----------|
| CINCINNATI HARNESS SOLENOID P16                 | 001274585-0000                       | 4 OFF    |
| CINCINNATI HARNESS                              | 061263681-0001                       | 4 OFF    |
| CINCINNATI T/CHANGER ARM ROLLER BEARING         | 1262775-4                            | 36 OFF   |
| CINCINNATI DRAWBAR BALL BEARINGS P/NO.          | 00136650000                          | 48 OFF   |
| CINCINNATI DRIVE KEY                            | 1261719A0000                         | 6 OFF    |
| BURKERT 2/2 WAY SOLENOID VALVE RS               | 313-2087 24VOLT                      | 2 OFF    |
| TELEMECANIQUE LA4-DA-1G SO                      | 127V ELECTRONIC FUSE                 | 12 OFF   |
| REXROTH SOLENOID VALVE P/NO.                    | 576-351.0 24VOLT                     | 1 OFF    |
| FANUC MAIN BOARD A3 P/NO.                       | A826-1953A ISSUE 6                   | 1 OFF    |
| CINCINNATI INPUT/OUTPUT BOARD P/NO.             | 4-531-0301                           | 1 OFF    |
| CINCINNATI DUMP VALVE P/NO.                     | 12761700000 [ SV2979 ]               | 2 OFF    |
| CKD AB41-2G-3.02G                               | 110VOLT VALVE                        | 3 OFF    |
| PARKER/LUCFIER                                  | 321K3606-60614A 24VOLT VALVE         | 2 OFF    |
| G&E                                             | 24VOLT TIMER RELAY P/NO. PRC3P3ODCDL | 2 OFF    |
| 4 <sup>TH</sup> AXIS TIMING BELT GOODYEAR P/NO. | 270L075                              | 2 OFF    |
| 4 <sup>TH</sup> AXIS TIMING BELT POWERGRIP HTD  | 800 8M 20                            | 2 OFF    |
| 4 <sup>TH</sup> AXIS TIMING BELT FENNER         | 800 8M 20                            | 2 OFF    |
| 4 <sup>TH</sup> AXIS TIMING BELT SYNCHROFLEX T  | 10/920                               | 2 OFF    |
| 4 <sup>TH</sup> AXIS TIMING BELT CONTITECH      | 300L                                 | 2 OFF    |
| 22MM COIL                                       | 24VOLTS DC                           | 10 OFF   |
| 22MM COIL                                       | 110VOLT AC                           | 10 OFF   |
| LED DIN PLUGTOP FOR SOLENOID VALVES             | 24V&110V 21MMx28 MM                  | 20 OFF   |

## PARTS LIST PAGE 15

## CINCINNATI ELECTRICAL DRAWINGS

|                           |              |
|---------------------------|--------------|
| 850SX CONTROL             | 91202655     |
| HEIDENHAIN 415 [ FANUC ]  | 91202382A    |
| HEIDENHAIN 360 [ FANUC ]  | 91202797     |
| HEIDENHAIN 415 [ FANUC ]  | 91202728     |
| HEIDENHAIN [ KOLLMORGEN ] | 91203082000  |
| FANUC O.M.                | 91202768     |
| A2100 [KOLLMORGEN ]       | 91203097000  |
| A2100 [ KOLLMORGEN ]      | 91202874000  |
| A2100 [KOLLMORGEN ] DART  | 91203813A000 |
| A2100 [KOLLMORGEN]        | 91203577000  |
| A2100 [KOLLMORGEN]        | 91202971000  |
| A2100 [KOLLMORGEN]        | 91203095000  |
| A2100 [SIEMENS]           | 912041330    |
| A2100 [SIEMENS]           | 91204179000  |
| A2100[SIEMENS]            | 91204223000  |
| A2100 [VICKERS]           | 91203813B    |
| ARROW [FANUC]             | 91202576A    |
| FALCON [A2100]            | 912029140000 |
| HAWK [A2100]              | 91203107B000 |
| HAWK [A2100]              | 91204297000  |
| HAWK FANUC 21i            | 91203377000  |
| A2100 LANCER 2000         | 912035890000 |

PARTS LIST PAGE 16

CINCINNATI A2100 REPLACEMENT HARD DRIVES FOR VMC MACHINES

NT 3.51 AND NT 4 AVAILABLE AS PER LIST.

| M A I            | RELEASE NO. |
|------------------|-------------|
| BV 961107 MAP2   | 2.1X        |
| BV961119 MAP2    | 2.1X        |
| BV970314 MAP2    | 2.1X        |
| BV970224 MAP2    | 2.1X        |
| BV970605 MAP2    | 2.22        |
| BV970617 MAP3    | 2.22        |
| BV970605 MAP1    | 2.22        |
| BV970617 MAP2    | 2.22        |
| BV970707 MAP1    | 2.23        |
| BV970707 MAP2    | 2.23        |
| BV970707 MAP3    | 2.23        |
| BV970930 FUSION1 | 2.23        |
| BV970822 MAP3    | 2.23        |
| BV000324 MAP1    | 2.32        |
| BV020212 MAP2    | 2.32        |
| BV000614 MAP3    | 2.32        |
| BV980608 MAP2    | 2.32        |
| BV980804 MAP3    | 2.32        |
| BV980824 RC      | 2.32        |
| BV980827 MAP2    | 2.32        |



PAGE 17 PARTS LIST.

CINCINNATI A2100 REPLACEMENT HARD DRIVES FOR VMC MACHINES

NT 3.51 AND NT 4 AVAILABLE AS PER LIST.

| M A I             | RELEASE NO. |
|-------------------|-------------|
| BV908905 RC       | 2.32        |
| BV980911 FUSION 1 | 2.32        |
| BV981217 MAP1     | 2.32        |
| BV991217 FUSION 1 | 2.32        |
| BV990224 FUSION 1 | 2.32        |
| BV990302 FUSION 1 | 2.32        |
| BV990526 FUSION 1 | 2.32        |
| BV990715 FUSION 1 | 2.32        |
| BV990817 FUSION 1 | 2.32        |
| BV991028 FUSION 1 | 2.34        |
| BV000705 FUSION 1 | 2.34        |
| BV010306 FUSION 1 | 2.34        |
| BV020212 FUSION 1 | 2.34        |
| BV981207 FUSION 2 | 3.21        |
| BV990225 FUSION 2 | 3.22        |
| BV990617 FUSION 2 | 3.22        |
| BV990712 FUSION 2 | 3.22        |
| BV990100 RC       | 3.22        |
| BV990209 RC       | 3.22        |
| BV990825 FUSION 2 | 3.24        |

PAGE 18 PARTS LIST.

CINCINNATI A2100 REPLACEMENT HARD DRIVES FOR VMC MACHINES

NT 4 AVAILABLE AS PER LIST.

| M A I             | RELEASE NO. |
|-------------------|-------------|
| BV991015 FUSION 2 | 3.24        |
| BV991126 FUSION 2 | 3.24        |
| BV991201 FUSION 2 | 3.24        |
| BV000420 FUSION 2 | 3.25        |
| BV000121 DART     | 3.25        |
| BV000223 FUSION 2 | 3.25        |
| BV000420 FUSION 2 | 3.25        |
| BV000518 FUSION 2 | 3.25        |
| BV000629 FUSION 2 | 3.25        |
| BV004081 FUSION 2 | 3.25        |
| BV991025 FUSION 2 | 3.25        |
| BV000519          | 4.0         |
| BV000520          | 4.0         |
| BV000818 FUSION2  | 4.11        |
| BV010322          | 4.12        |
| BV001209          | 4.12        |
| BV010522          | 4.12        |
| KK010201          | 4.13        |
| KK010221          | 4.13        |
| KK010301          | 4.13        |

PAGE 19 PARTS LIST.

CINCINNATI A2100 REPLACEMENT HARD DRIVES FOR VMC MACHINES

NT 4 AVAILABLE AS PER LIST.

| M A I    | RELEASE NO. |
|----------|-------------|
| KK010329 | 4.13        |
| KK010515 | 4.13        |
| KK010522 | 4.13        |
| KK010707 | 4.13        |
| KK010920 | 4.13        |
| KK011101 | 4.13        |
| KK020114 | 4.13        |
| KK020124 | 4.15        |
| KK020215 | 4.15        |
| KK020418 | 4.15        |
| KK030515 | 4.15        |
| KK020828 | 4.15        |
| KK020919 | 4.15        |
| KK040318 | 4.15        |

PAGE 20 PARTS LIST

CINCINNATI A2100 REPLACEMENT HARD DRIVES FOR TURNING MACHINES [ LATHES ]

NT 3.51 AND NT 4 AVAILABLE AS PER LIST

| M A I             | RELEASE NO. |
|-------------------|-------------|
| LA960226 FALCON   | 2.1         |
| MF960226 FALCON   | 2.1         |
| LA960319 FALCON   | 2.1         |
| LA960419 FALCON   | 2.1         |
| LA960519 FALCON   | 2.1         |
| MT961008 FALCON   | 2.1X        |
| MT961017 FALCON   | 2.1X        |
| MT961024 FALCON   | 2.1X        |
| MT961101 FALCON   | 2.1X        |
| LA970417 FALCON   | 2.21        |
| LA970418 FALCON   | 2.21        |
| LA970509 FALCON   | 2.21        |
| MT970415 FALCON   | 2.21        |
| MT970515 FALCON   | 2.22        |
| LA970530 FALCON   | 2.22        |
| BT970623 FALCON   | 2.22        |
| BT970704 FALCON   | 2.22        |
| BT970707 FALCON   | 2.22        |
| BT971126 BSA HAWK | 2.31        |
| BT971126 SMA HAWK | 2.31        |

PAGE 21 PARTS LIST

CINCINNATI A2100 REPLACEMENT HARD DRIVES FOR TURNING MACHINES [ LATHES ]

NT 3.51 AND NT 4 AVAILABLE AS PER LIST.

| M A I           | RELEASE NO. |
|-----------------|-------------|
| BT980401 BSA    | 2.31        |
| BT980401 SMA    | 2.31        |
| BT980727 BSA    | 2.32        |
| BT980727 SMA    | 2.32        |
| BT980804 BSA    | 2.32        |
| BT980804 SMA    | 2.32        |
| BT980909 BSA    | 2.32        |
| BT980909 SMA    | 2.32        |
| BS990105 BSA    | 2.32        |
| BS990105 SMA    | 2.32        |
| BS981214 FALCON | 2.32        |
| BT010412 BSA    | 2.34        |
| BT010412 SMA    | 2.34        |
| BT990520 BSA    | 2.34        |
| BT990520 SMA    | 2.34        |
| BT990726 BSA    | 2.34        |
| BT990726 SMA    | 2.34        |
| BT000524 BSA    | 2.34        |
| BT000524 SMA    | 2.34        |
| BT000726 BSA    | 2.34        |

PAGE 22 PARTS LIST

CINCINNATI A2100 REPLACEMENT HARD DRIVES FOR TURNING MACHINES [ LATHES ]

NT 3.51 AND 4 NT AVAILABLE AS PER LIST.

| M A I        | RELEASE NO. |
|--------------|-------------|
| BT000726 SMA | 2.34        |
| BT011006 BSA | 2.34        |
| BT011006 SMA | 2.34        |
| BT020131 BSA | 2.34        |
| BT020131 SMA | 2.34        |
| BT040209 BSA | 2.34        |
| BT040209 SMA | 2.34        |
| MT991213     | 4.0         |
| MT000926     | 4.12        |
| MT000124     | 4.13        |
| BT010327     | 4.13        |
| BT010525     | 4.13        |
| BT010721     | 4.13        |
| BT102111     | 4.13        |

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