



CNC EQUIPMENT

QTY	BRAND	MODEL	FUNCTION
2	KITAMURA	2XiH HIGH SPEED MACHINING CENTER	CNC MILLING
1	KITAMURA	MYCENTER 3X VERTICAL MACHINING CENTER	CNC MILLING
2	KITAMURA	MYCENTER 2 VERTICAL MACHINING CENTER	CNC MILLING
1	OKK	DGM 400 HIGH SPEED MACHINING CENTER	CNC MILLING
3	MILLTRONICS	PARTNER MB19 VERTICAL MILLING MACHINE	CNC MILLING
3	ALLIANT	1-1/2 TMV VERTICAL MILL WITH PROTOTRAK M2 3-AXIS CNC	CNC MILLING
3	BRIDGEPORT	SERIES 1 WITH PROTOTRAK M2 2-AXIS CNC CONTROL	CNC MILLING
1	MAHO	MH800 E UNIVERSAL MILLING MACHINE	CNC MILLING
3	BROTHER	H70A 4 AXIS WIRE EDM	WIRE EDM
2	MITSUBISHI	FA 20 4 AXIS WIRE EDM W/AUTOTHREAD	WIRE EDM
1	MITSUBISHI	DWC 110SA 4 AXIS WIRE EDM W/AUTOTHREAD	WIRE EDM
1	HITACHI	H-CUT 304N 4 AXIS WIRE EDM	WIRE EDM
1	MITSUBISHI	EA22P CNC SINKER EDM	CNC EDM
1	CHARMILLES	ROBOFORM 41 CNC RAM EDM	CNC EDM
2	CHARMILLES	ROBOFORM 20 CNC RAM EDM	CNC EDM
1	CHARMILLES	ROBOFORM 400 CNC RAM EDM	CNC EDM

MANUAL EQUIPMENT

QTY	BRAND	MODEL	FUNCTION
1	ROFIN	INTRGRAL WITH A 200 WATT LASER	LASER WELDING
2	OKAMOTO	1224 DX AUTOMATIC SURFACE GRINDER	GRINDING
27	OKAMOTO	6-12/14 MANUAL SURFACE GRINDER W/2 AXIS DRO	GRINDING
3	CHEVALIER	FSG 618M MANUAL SURFACE GRINDER	GRINDING
11	BOYAR-SCHULTZ	H612 MANUAL SURFACE GRINDER	GRINDING
1	MOORE	NO G18 JIG GRINDER	JIG GRINDER
2	HANSVEDT/HARDINGE	MV 10 EDM W/CNC ORBITER	MANUAL EDM
7	HANSVEDT	MS-1 BENCHMAN 201E RAM EDM W/3 AXIS DRO	MANUAL EDM
6	HANSVEDT	1500E RAM EDM W/3 AXIS DRO	MANUAL EDM
1	CURRENTEDM	EDM DRILL ST300	EDM DRILL
2	BRIDGEPORT	SERIES 1 VERTICAL MILLING MACH W/2 AXIS DRO	MILLING
8	ALLIANT	1-1/2 TMV VERTICAL MILLING MACH W/2 AXIS DRO	MILLING
10	ALLIANT	1-1/2 TMV VERTICAL MILLING MACH W/2 AXIS DRO	MILLING
1	BRIDGEPORT	SERIES 2 VERTICAL MILLING MACH W/2 AXIS DRO	MILLING
1	KEARNEY & TRECKER	15 HP 3CK VERTICAL MILLING MACH	MILLING
1	AMERICAN MACH TOOL	TURNMASTER 13X40 LATHE	TURNING
1	SOUTH BEND	GF 50-800 RADIAL DRILL	DRILLING
1	KUHLMANN	NF2 2 AXIS PANTOGRAPH	ENGRAVING

MISCELLANEOUS EQUIPMENT

QTY	BRAND	MODEL	FUNCTION
1	MOLD MASTER	TEMP MASTER 16 ZONE 220 VOLT	MANIFOLD TESTER
5	GRAYMILLS	AQUEOUS PARTS WASHER	MOLD CLEANING
2	BRANSON	ULTRASONIC 50 GAL. PARTS CLEANER	MOLD CLEANING
1	INGERSOLL-RAND	25 HP AIR COMPRESSOR	SHOP AIR
1	GARDNER-DENVER	25 HP ROTARY AIR COMPRESSOR	SHOP AIR
1	OGP	OL 30 OPTICAL COMPARATOR	METROLOGY
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
2		OVERHEAD CRANE RAIL W/2 TON HOIST	MOLD HANDLING
1		OVERHEAD CRANE RAIL W/3 TON HOIST	MOLD HANDLING

INSPECTION EQUIPMENT

QTY	BRAND	MODEL	FUNCTION
1	STARRETT	GALILEO VISION INSPECTION SYSTEM	INSPECTION



MOL-SON LLC

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