

DIGITAL TOOL & DIE EQUIPMENT LIST

PRESS & FEEDER:

- (1) 1000 TON BLOW press 240" x 84" x 54" SH, 20" stroke with roll out bolster and 65" CHS feed line (40,000 Lb. coil reel)
- (1) 1000 TON BLOW press 204" x 84" x 48" SH, 20" STROKE with roll out bolster and 60" PERFECTO feed line (40,000 Lb. coil reel)
- (1) 800 TON VERTSON press 144" x 54" x 37" SH, 12" stroke and 32" air feeder (for try-out only). (12,000 Lb. coil reel)
- (1) 400 TON BLOW press 96" x 54" x 28" SH, 10" stroke with 36" PERFECTO feed line (20,000 Lb. coil reel)
- (1) 250 TON CLEARING Press 54" x 84" x 33" SH
- (1) 110 TON AIDA press with coil reel 100SPM
- (1) 50 TON FOUR POST HYDRAULIC 48" X 20"

LASER:

- (1) PRC 510 6KW Fiber Laser, travel 61" x 121", (dual beds for production cutting)
 - 1.0" mild steel
 - .50" Stainless Steel
 - .50" Aluminum
 - .135" Galvanized sheet
 - .250" Copper

WATERJET:

- (1) OMAX WATERJET 80160 X-Y SYSTEM (76" MAX TRAVEL/ PLATE WIDTH X 170" TRAVEL) 4.0 Max Thickness, (dual heads for production cutting)

WIRE EDM:

- (1) FANUC WIREBURNER 12" X 18" X 6 1/2" ALPHA SERIES
- (1) FANUC WIREBURNER 12 X 16 X 24 ALPHA SERIES
- (1) FANUC WIREBURNER 15.7 X 23.6 X 12 ALPHA SERIES
- (4) FANUC WIREBURNER 15.7 X 23.6 X 12 ALPHA SERIES

GRINDERS:

- (6) GRAND RAPIDS Automatic surface grinders with up to 24" x 48" magnetic chuck
- (2) Precision manual surface grinders with 6" X 18" magnetic chuck
- (1) ABRASIVE knee grinder with 16" X 24" magnetic chuck

CAD/CAM & SIMULATION:

- (20) + SEATS OF VISI 3D DESIGN SOFTWARE with progressive die, NC tool pathing and wire tool pathing module
- (20) + SEATS OF VISI 3D VIEWER KEYS
- (3) SEATS AUTO FORM Multi step forming software

CNC MACHINES: All mills run spindle thru carbide drills and carbide cutters in shrink fit tool holders for improved accuracy

- (1) JOHNFORD DOUBLE COLUMN MACHINING CENTER DMC-3100SH 122" X, 70" Y, 32" Z with 120 place auto tool magazine
- (1) KNH-426X KIWA HORIZONTAL MACHINING CENTER (DETAIL MILL) with dual rotating pallets and 120 place auto tool magazine
- (1) AWEA DOUBLE COLUMN MACHINING CENTER 84 X 63 X 30 with 60 place auto tool magazine
- (2) TOYOTA AWEA VMC 63 X 31.5 X 31.5 with 30 place auto tool magazine
- (1) KIWA KH-55 HORIZONTAL MACHINING CENTER
- (1) KITAMURA MYCENTER HX630i HORIZONTAL MACHINING CENTER with dual rotating pallets and 100 place auto tool magazine
- (1) KITAMURA MYCENTER HX630g HORIZONTAL MACHINING CENTER with dual rotating pallets and 100 place auto tool magazine
- (1) AMADA TNV430 SQUARE UP MACHINE

LATHES:

- (1) FT-200 BOX WAY TURNING CENTER FANUC Oi-TD CONTROL 4,500 RPM SPINDLE 20HP SPINDLE MOTOR 2.5"/65MM BAR CAPACITY 12 STATION TURRET
- (1) VICTOR 1640B WITH 7.00" SWING AND A 36" LONG BED

SAWS:

- (1) CUTOFF SAW (10hp 22" Abrasive)
- (1) WF WELLS W.9 DOUBLE COLUMN BAND SAW
- (1) MARVEL SERIES 8 MARK III VERTICLE TILT FRAME SAW

MISCELLANEOUS:

- (1) KENWORTH Covered flat bed (26 ft long, max load 32,000 Lbs.)
- (1) CHEVROLET 2500 HD PICKUP
- (1) ENCLOSED SAND BLASTER 4' X 5'
- (1) ENCLOSED PAINT BOOTH 8" X 12"

INSPECTION:

- (1) BROWN & SHARP CMM WITH PC-DMIS – CURVES & SURFACES & DATA PAGE SPC SOFTWARE
- (1) BROWN & SHARP CMM GLOBAL PERFORMANCE SILVER EDITION CMM 9-15-8
- (1) ROMER ABSOLUTE ARM 3.0 W/ LASER SCANNER (Portable)

CRANES AND HILO:

- (8) BRIDGE CRANES (up to 30 TONS)
- (1) 30,000 Lb. Electric Hilo
- (1) 6,300 Lb. Electric Hilo
- (1) 4,300 Lb. Electric Hilo
- (1) GENIE 2-30 / 20N Personnel Lift



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