



**LARSEN**

**MANUFACTURING**

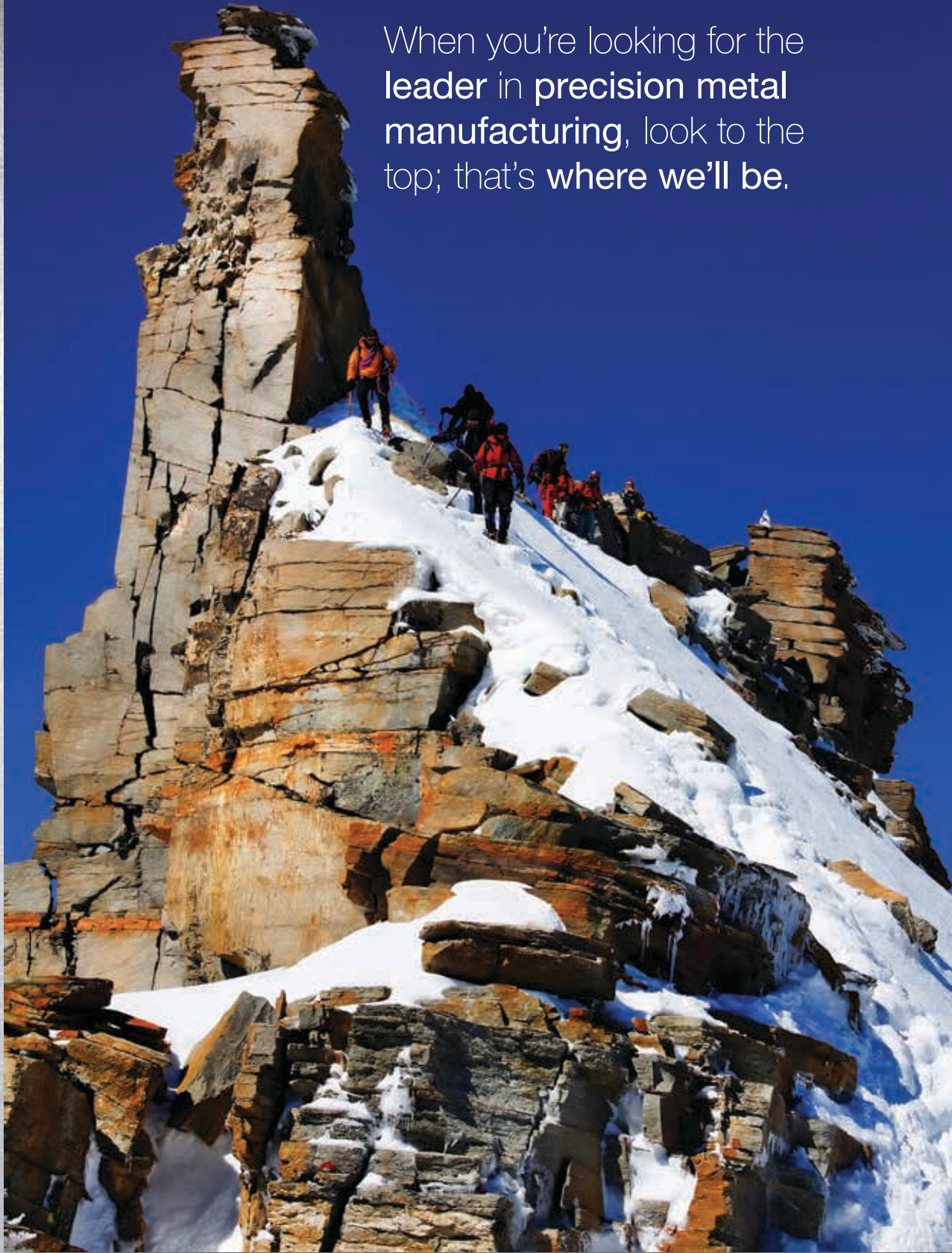
*Product That Exceeds  
Customer Expectations*

Mundelein, Illinois Facility  
El Paso, Texas Facility

**EQUIPMENT LIST 2014 / 2015**



When you're looking for the  
**leader** in **precision metal  
manufacturing**, look to the  
top; that's **where we'll be.**



Leadership

Larsen Manufacturing is the industry leader in today's Metal Manufacturing marketplace. Specializing in Precision Stamping and Metal Fabrication, Larsen offers the perfect blend of innovation, technology, and expertise. With corporate headquarters in Mundelein, Illinois, and a sister facility strategically located in El Paso, Texas, Larsen provides excellence in precision metal manufacturing to a wide variety of industries across the globe including the automotive, consumer electronics, and appliance sectors. Larsen continues to strive towards excellence by forming lasting partnerships with customers and suppliers through engineering the highest-quality metal components and assemblies, providing on-time delivery, and outstanding customer service which ***Exceed Customer Expectations, Every Time.***

### Our Mission

To serve our customers and be a partner for their future growth and success.

We accomplish this through:

- Quality service.
- Cutting edge technology.
- Our commitment to help our customers meet their strategic business goals.

### Our Vision

Our vision at Larsen is to be the most trusted provider of precision metal manufacturing and technologies. We strive to ensure we offer the very best in quality, ingenuity, and value excellence by working hand in hand with our customers to build long-lasting strategic partnerships.

### Our Ethics

Larsen Manufacturing and its employees, wherever they may be located across the globe, are responsible for conducting their affairs with uncompromising truth and integrity. In our opinion, there is no difference between business ethics and those of a personal nature. The highest standard applies to both and must be adhered to accordingly for the good of all involved. Larsen associates are expected to be honest and ethical in dealing with their team members, customers, vendors, and all third parties. They are representing the Larsen Brand and the company as a whole, so doing the right thing means doing it right every time.



"Our focus has always been about running a top-notch operation.

With that goal in mind, we've kept our motivation centered on building long-lasting client relationships that collaborate for success. We also strive to not only to be on the cutting edge of change, but to be the leader of that change throughout our industry."

— *David Larsen*

President  
Larsen Manufacturing



## MANAGEMENT INFORMATION SYSTEMS

- WINDOWS 2008 EXCHANGE SERVER
- WINDOWS 2007 TERMINAL SERVER
- MICROSOFT OFFICE 2010 SUITE
- JOB BOSS SOFTWARE
- AUTOCAD
- IGES, DXF, STEP INTERCHANGE
- MASTERCAM X2
- DIEMAKER
- SOLIDWORKS
- PROE WILDFIRE
- (8) ENGINEERING DESKTOP STATIONS
- (1) DEDICATED FARM SERVER

## METAL FABRICATION EQUIPMENT

- (2) EMK3610 33 -TON HIGH SPEED TURRET PRESS
- (1) 4000 WATT LASER WITH DUAL TABLES
- (1) 2000W QUATTRO LASER MACHINE (2011)
- (2) TORIT DUST COLLECTOR
- (1) EZ-CUT NITROGEN GENERATOR
- (6) 88-TON ELECTRIC/ HYDRAULIC AMADA PRESS BRAKES
- (2) RGM2 5020 50T UPACTING PRESS BRAKES (2012)
- (1) 150T DEES 4-POST HYDRAULIC PRESS MODEL # HP-150 (2006)
- (4) MIG/TIG WELDING STATION
- (1) TIMESAVER
- (1) POLISHING CENTER
- (4) GRINDING STATIONS
- (4) SPOT WELDING STATIONS
- (2) AUTO SERT HARDWARE INSERTION MACHINES
- (1) HAEGER HARDWARE INSERTION MACHINE
- (2) TOGU TOOL GRINDER
- (1) CD STUD GUN STATION
- (2) BELT SANDING STATIONS
- (1) POWER ROLLER
- (1) DYE PENETRATION STATION
- (2) CAD STATIONS ON SHOP FLOOR
- (1) INTERLAKE MECALUX STORAGE CAROUSEL MODEL JDA-1-6-156-TRVC (2012)
- (2) MECHANICAL ASSEMBLY STATIONS
- (1) SHEARING STATION
- (2) JET DRILL PRESSES
- (1) KICK PRESS

## PRESS ROOM EQUIPMENT

- (1) 330 SUTHERLAND STRAIGHT SIDE MODEL SP2-330-120-60-10
- (2) 200 MINSTER STRAIGHT SIDE MODEL E2-200-72-42
- (1) 200-TON STAMTEC MODEL GL2-200 C FRAME (94.5" x 33.0" BED SIZE)
- (1) 200-TON DREIS & KRUMP STRAIGHT SIDE (90.0" x 42.0" BED SIZE)
- (1) 200-TON BLISS MODEL HP2-200 (72.0" x 36.0" BED SIZE)
- (1) 176-TON SEYI STRAIGHT SIDE C FRAME (80.0" x 30.0" BED SIZE)
- (2) 110-TON MINSTER O.B.I (42.0" x 27.0" BED SIZE)
- (1) 110-TON STAMTEC MODEL G-1 110 C FRAME (45.2" x 23.6" BED SIZE)
- (1) 90-TON NIAGARA MODEL A4-1/2 O.B.I (31.0" x 20.0" BED SIZE)
- (1) 80-TON STAMTEC MODEL G-1 80 C FRAME (39.4" x 21.6" BED SIZE)
- (1) 60-TON MINSTER O.B.I PUNCH PRESS (32" x 21" BED SIZE)
- (1) 45-TON MINSTER O.B.I PUNCH PRESS (28" x 18" BED SIZE)
- (1) 32-TON MINSTER O.B.I PUNCH PRESS (15" x 24" BED SIZE)
- (1) 22-TON BLISS O.B.I PUNCH PRESS (23.5" x 14" BED SIZE)

## PRESS ROOM SUPPORT EQUIPMENT

- (1) ROWE COIL REEL 10,000 LBS. 30" WIDE
- (1) ROWE COIL REEL 8,000 LBS. 24" WIDE
- (3) COE DUAL COIL REEL 8,000 LBS 24" WIDE
- (1) COE COIL REEL 8,000 LBS. 24" WIDE
- (1) CHS COIL REEL 8,000 LBS. 36" WIDE
- (4) P.A IND. COIL PALLET REEL 4,000 LBS. 12" WIDE
- (1) LITTELL COIL REEL 4,000 LBS. 24" WIDE
- (1) ROWE COIL REEL 3,000 LB. 18" WIDE
- (2) P.R.E COIL REEL 1,200 LBS. 20" WIDE
- (1) LITTELL COIL REEL 600 LBS
- (1) ROWE CRADLE 4,000 LBS. 30" WIDE
- (2) ROWE CRADLE 3,000 LBS. 15" WIDE
- (1) ROWE CRADLE 2,000 LBS. 15" WIDE
- (1) ROWE CRADLE 1,200 LBS. 10" WIDE
- (1) CHS SERVO FEED W/ STRAIGHTENER, 36" WIDE
- (1) CHS SERVO FEED W/ STRAIGHTENER, 24" WIDE
- (3) COE PP SERVO FEED W/ STRAIGHTENER, 18" WIDE
- (1) COE SERVO FEED W/ STRAIGHTENER, 24" WIDE
- (2) AIR FEEDS INC FEED W/ STRAIGHTENER 24" x 24"
- (2) AIR FEEDS INC FEED W/ STRAIGHTENER, 18" x 18"



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**PRESS ROOM SUPPORT EQUIPMENT (continued)**

- (1) JAY BIRD FEED W/ STRAIGHTNER, 18" x 24"
- (1) RAPID AIR SERVO FEED, 3" WIDE
- (2) 75 HP INGERSOLL RAND SCREW AIR COMPRESSOR
- (6) FORKLIFT TRUCKS
  - (3) 5,000 LB
  - (2) 8,000 LB
  - (1) 10,000 LB CAPACITY
- (4) DURANT TOOL SCRAP CHOPPER
- (1) WATER TREATMENT CENTER

**TOOL ROOM EQUIPMENT**

- (1) DO-ALL 16" VERTICAL BAND SAW
- (1) JET VERTICAL BAND SAW
- (1) JONES & LAMSON 14" OPTICAL COMPARATOR
- (1) CRESS HEAT TREAT OVEN
- (1) TRINCO DRY BLASTER
- (1) SULLAIR ES6 AIR COMPRESSOR
- (1) BOYER SCHULTZ 6" x 18" HAND SURFACE GRINDER
- (1) 10" x 14.5" BENCH TOP DEMAGNETIZER
- (1) BALDOR DOUBLE-END PEDESTAL GRINDER
- (2) BRIDGEPORT MILLING MACHINE
- (1) CLAUSING 20" VARIABLE 2 SPINDLE SPEED DRILL
- (1) BUFFALO 18" SPINDLE DRILL WITH TAPPING HEAD
- (1) IKEDA 4' ARM x 13" COLUMN RADIAL DRILL
- (1) HARDINGE ENGINE LATHE 9" x 36"
- (1) SOUTH BEND ENGINE LATHE 17" x 48"
- (1) FADAL VMC-4020 CNC MILLING CENTER
- (1) CHEVALIER 16" x 40" HYDRAULIC
- (2) OKOMOTO 12" x 24" HYDRAULIC SURFACE GRINDER
- (5) MITSUI 6" x 12" HAND FEED SURFACE GRINDER
- (1) HARIG 6" x 12" HAND FEED SURFACE GRINDER
- (1) ABRASIVE 10" x 15" HAND FEED SURFACE GRINDER
- (1) CINCINNATI HORIZONTAL MILLING MACHINE
- (1) HAAS VERTICAL MACHINING CENTER
- (4) WIRE EDM MACHINES

**WELDING/ASSEMBLY AND SECONDARY EQUIPMENT**

- (2) TAYLOR WINFIELD 75 KVA SPOT WELDERS
- (1) AMERICAN ELECTRIC FUSION 15 KVA SPOT WELDER
- (2) CHICAGO HOPPER FEED RIVETER
- (1) 25-TON POWER BRAKE PRESS
- (1) Q-CORP 1250 TAPE AND REEL MACHINE
- (1) ROTOFINISH MODEL G-400 DEBURR MACHINE

**QUALITY EQUIPMENT**

- (1) AMADA FABRIVISION LASER INSPECTION TABLE
- (1) SCHERR-TUMICO 14" COMPARATOR WITH QUADRA CHECK 2000 EDGE DETECTION.
- (1) SHEFFIELD CORDAX COORDINATE MEASURING MACHINE
- (1) WILSON ROCKWELL HARDNESS TESTER

**MISCELLANEOUS MEASURING INSTRUMENTS**

- (1) NIKON C3 V 10.7.7 COORDINATE MEASURING MACHINE
- (1) KONICA MINOLTA COLORIMETER MODEL CR-10 (2012)

**DRIVING EQUIPMENT**

- (1) 2014 INTERNATIONAL 4400 SBA 4X2 MCT
- (1) 2009 FORD F450 SUPER DUTY TRUCK
- (1) 2006 20-FOOT FREIGHTLINER M2 BOX TRUCK
- (1) 53-FOOT WABASH TRAILER 40,000 LB CAPACITY
- (1) STOUGHTON 53-FOOT TRAILER 40,000 LB CAPACITY

**ORCHARD SPECIALTY FABRICATION EQUIPMENT**

- (1) HARIG SUPER 612 SURFACE GRINDER WITH DIGITAL READOUT
- (2) HP BRIDGEPORT MILLING MACHINES WITH 9" x 42" TABLE CAPACITY AND DIGITAL READOUT
- (1) MORISEIKI ENGINE LATHE MS-1250 20" SWING WITH 72" BED
- (1) HYDMECH HORIZONTAL BAND SAW – S20A – AUTO INDEXING WITH 1" BLADE – 13" ROUND CAPACITY x 18" FLAT CAPACITY
- (3) SURFACE GROUND TABLES 48" x 96"
- (1) MILLER 250 AMP WIRE FEED WELDER
- (1) MILLER 300 AMP TIG WELDER
- (1) PYRAMID 3 AXIS CNC CONTROLLED TUBE BENDER (UP TO 2 ½" DIAMETER)

**WAND DEPANELING EQUIPMENT**

- (2) WAND QUICKPANEL DE-PANELING 16" x 16" PRESS
- (1) WAND QUICKPANEL DE-PANELING 18" x 14" PRESS

## MANAGEMENT INFORMATION SYSTEMS

- MICROSOFT OFFICE 2007 SUITE
- JOB BOSS SOFTWARE
- AUTOCAD AND BOBCAD
- IGES, DXF, STEP INTERCHANGE

## PRESS ROOM EQUIPMENT

- (1) 660-TON SEYI MODEL SAG-660 (145" x 61" BED SIZE)
- (1) 600-TON STAMTEC MODEL S2-600 (144.1" x 60.0" BED SIZE)
- (1) 400-TON BROWN & BOGGS MODEL SS2-400 STRAIGHT SIDE (120" x 54" BED SIZE)
- (1) 286-TON AIDA MODEL C2250 C FRAME (106" x 36" BED SIZE)
- (2) 286-TON STAMTEC MODEL G2-250 C FRAME (107" x 36" BED SIZE)
- (2) 176-TON STAMTEC MODEL G1-160 C FRAME (49.2" x 31.5" BED SIZE)
- (1) 176-TON AIDA MODEL NC2-160 C FRAME
- (2) 120-TON SOUTHERLAND MARK MODEL SN1-121 C FRAME (46" x 27" BED SIZE)
- (1) 110-TON STAMTEC MODEL G-2 110 C FRAME (71" x 25.5" BED SIZE)
- (1) 80-TON STAMTEC MODEL G-1 80 C FRAME (39.4" x 21.6" BED SIZE)
- (2) 160-TON STAMTEC MODEL G-1 160 C FRAME (49" x 32" BED SIZE)
- (1) 60-TON MINSTER 6 O.B.I PUNCH PRESS (32" x 21" BED SIZE)

## PRESS ROOM SUPPORT EQUIPMENT

- (2) AIR FEEDS REEL, 6,000 LBS. 40" WIDE
- (1) COE REEL, 4,500 LBS., 18" WIDE
- (1) AIR FEEDS REEL 4,000 LBS. 18" WIDE
- (1) 12,000 LBS. COIL HANDLING SYSTEM REEL, 48" WIDE
- (2) 8,000 LBS. COIL HANDLING SYSTEM REEL MODEL DR 60 x 30
- (4) NORWALK PALLET UNCOILERS 4,000 LBS. 12" WIDE
- (2) COE REELS 6,000 LBS 18" WIDE

## PRESS ROOM SUPPORT EQUIPMENT.

- (2) ROWE CRADLES 3,000 LBS. 12" WIDE
- (1) AIR FEEDS INC 30" x 24" FEEDER STRAIGHTENER
- (2) AIR FEEDS INC 18" x 24" FEEDER STRAIGHTENER
- (2) AIR FEEDS INC 18" x 18" FEEDER STRAIGHTENER
- (1) AIR FEEDS INC 12" x 12" FEEDER STRAIGHTENER
- (1) 100 HP SULLAIR SCREW AIR COMPRESSOR
- (1) 75 HP INGERSOLL RAND SCREW AIR COMPRESSOR
- (1) 50 HP INGERSOLL RAND SCREW AIR COMPRESSOR
- (2) SERVO FEED WITH 12,000 LBS. CAPACITY, 48"
- (1) SERVO FEED COIL HANDLING SYSTEM, 36"
- (2) SERVO FEED COIL HANDLING SYSTEM, 30"
- (1) COIL HANDLING SYSTEM SERVO FEED, 24"
- (2) COE SERVO FEED WITH POWER STRAIGHTENER, 18"
- (1) JLG 20' SCISSOR JACK
- (1) KOUSINS SHRINK WRAP MACHINE
- (1) CLARK ELECTRIC 2,500 LB FORK LIFT
- (1) TOYOTA ELECTRIC 2,500LB FORK LIFT
- (1) HYSTER 50 – 5,000 LB LP GAS FORK LIFT
- (1) HYSTER 60 – 6,000 LB LP GAS FORK LIFT
- (1) HYSTER 100 – 10,000 LB LP GAS FORK LIFT
- (1) NISSAN 50 – 5,000 LB LP GAS FORK LIFT
- (2) CROWN NARROW AISLE REACH TRUCKS

## TOOL ROOM EQUIPMENT

- (1) MITSUBISHI FX20K SUBMERSIBLE WIRE E.D.M. W/ AUTOMATIC WIRE THREADING
- (1) MARK 24" x 48" 3 AXIS AUTOMATIC SURFACE GRINDER
- (1) KTC SD-1M SMALL HOLE E.D.M.
- (1) OKAMOTO 16" x 32" 3 AXIS AUTOMATIC SURFACE GRINDER
- (1) CHEVLER 12" x 24" HYDRAULIC SURFACE GRINDER
- (2) BOYER SCHULTZ 6" x 12" HAND FEED SURFACE GRINDER
- (1) HARIG 6" x 12" HAND FEED SURFACE GRINDER
- (1) BALDOR DOUBLE END PEDESTAL GRINDER
- (1) KENT 6" x 12" HAND FEED SURFACE GRINDER
- (1) 10" x 14.5" BENCH TOP DEMAGNETIZER
- (3) BRIDGEPORT MILLING MACHINE



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**TOOL ROOM EQUIPMENT (continued)**

- (1) CLAUSING 20" VARIABLE 1 SPINDLE SPEED DRILL
- (1) CARLTON RADIAL ARM DRILL PRESS
- (1) GROB 16" VERTICAL BAND SAW
- (1) JOHNSON HORIZONTAL BAND SAW
- (1) PROFITMASTER 15" x 30" ENGINE LATHE
- (1) HARDING 5" x 24" SPEED LATHE
- (1) LUCIFER 10" x 12" HEAT TREAT FURNACE
- (1) LINDBERG 15" x 30" ATMOSPHERIC HEAT TREAT OVEN
- (1) HARRINGTON 3-TON HOIST
- (1) TORIT 84 DUST COLLECTOR
- (1) CANON IPF710 PLOTTER
- (1) CYCLONE GLASSBEAD BLASTER
- (1) LINCOLN PRECISION TIG225 WELDER
- (1) DAYTON DOUBLE-END POLISHING MACHINE

**WELDING/ASSEMBLY AND SECONDARY EQUIPMENT**

- (1) 3' x 25' SILK SCREEN OVEN; MAXIMUM 600 DEGREES F
- (1) MARK MOON 8' SPRING OVEN; MAXIMUM 950 DEGREES F
- (1) 6' HEAT TUNNEL OVEN; MAXIMUM 400 DEGREES F
- (1) AMERICAN ELECTRIC FUSION 15 KVA SPOT WELDER
- (1) TAPPING & DRILLING – MULTIPLE SPINDLE
- (1) TAPPING & DRILLING – SINGLE SPINDLE
- (1) SILK SCREEN LINE
- (2) SECONDARY ASSEMBLY WELDING STATIONS PRODUCT SPECIFIC
- (2) SECONDARY ASSEMBLY TAPPING STATIONS PRODUCT SPECIFIC
- (2) SECONDARY ASSEMBLY SCREW INSERTION MACHINES PRODUCT SPECIFIC
- (4) SECONDARY ASSEMBLY PEM INSERTION MACHINES PRODUCT SPECIFIC
- (2) ORBITAL RIVETING MACHINES
- (1) TUMBLING MACHINE WITH RUST INHIBITOR AND PARTS DRYER

**QUALITY EQUIPMENT**

- (1) NIKON C3 V 10.7.7 COORDINATE MEASURING MACHINE
- (1) SCHERR-TUMICO 14" COMPARATOR WITH QUADRA CHECK 2000 EDGE DETECTION
- (2) WILSON ROCKWELL HARDNESS TESTER
- (31) MITUTOYO DIGIMATIC CALIPERS 0-40"
- (33) MITUTOYO DIGIMATIC MICROMETERS 0-6"

**CUSTOMER SPECIFIC GAUGES**

- (1) TESA HEIGHT GAUGE 16"
- (1) TESA HEIGHT GAUGE 24"
- (1) MITUTOYO HEIGHT GAUGE 12"
- (1) SHARS HEIGHT GAUGE 12"
- (8) SETS VERMONT PIN GAUGES (.011-.625)
- (2) ULINE COUNTING SCALE (0-60 LBS)
- (1) QUANTRAL FORCE GAUGE (500 LBS)
- (2) TORQUE METERS



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