

# A B C D E f g

*Celebrating Our 50th Anniversary*

## FACILITIES LIST

46,000 Sq. Ft. dedicated to Precision Sheet Metal Fabrication and Laser Cutting  
4,000 Sq. Ft. of Office & Engineering Facilities

<http://www.wecom.com>

### OPERATIONS

[wecom@wecom.com](mailto:wecom@wecom.com)

DELL Power Edge 2900 III SERVER  
XEON 2 GHZ Dual Processor, 16GB Ram  
4) 400GB Hard Drives in RAID 10/1 Array  
2) 73GB Hard Drives in RAID 1 Array  
2) 1 Terabyte External Backup Hard Drives  
Windows 2008 Server Enterprise x64 SP2  
2) Virtual Servers at 4GB Ram 320GB HD  
Microsoft Windows Server 2003 R2 Enterprise  
Microsoft SQL Server 2005 Standard SP3  
Microsoft Terminal Server 2008 16CALs  
Shoptech E2 Manufacturing Control Software  
Accounting, Shop Floor and Inventory Control  
Job Costing, Scheduling, Report Generation  
T-Net Real-time Data Collection Network  
Bar-coded labor, process and inventory collection

26 Desktop and Portable Computer Workstations  
Microsoft Office 2007 Professional  
AVAYA IP Office 406 Digital Phone System 54  
IP Office Voice Mail Pro v3.2 Message Center  
Netcarrier Managed Verizon T1 Data/Voice Lines  
CISCO Managed Port Router & Firewall  
Red Condor Spam & Virus Firewall  
iMail Webmail Server on Virtual E-Mail Server  
CISCO 10/100/1000 Network Switches 24P,16P,16P  
APC UPS-BackUPS on all systems and switches  
3 Network Multifunction Printer/Copier/Fax/Scanner:  
Main Office - Canon iR3380 Color  
Engineering - Canon iR3300  
Shipping - Sharp AR-M355N  
Personal Laser and Inkjet Printers

### ENGINEERING & CNC PROGRAMMING

CADKEY 3D Solids CAD Software with Unfold  
DR ABE CNC Laser/Punch Programming System  
AP100US CAD/CAM Programming & Nesting  
FabriBEND Press Brake Programming System  
MasterCAM CAD/CAM Mill Programming  
CAD & Graphics file conversion & transportability  
HP DesignJet 450C Plotter, cut sheet & 24" roll

1 Dell Engineering Workstation  
1 Dell Process Engineering Workstation  
2 Dell CNC Programming Workstations  
3 Dell Smart DNC Download Workstations  
1 Dell Press Brake Programming Workstation  
Network T1 for fast E-Mail and FTP drawing transfers  
<ftp.wecom.com> Secure file upload/download site

### QUALITY ASSURANCE

Fabrivation Laser Scan Inspection System 46" X 46"  
Fast color comparison inspection directly to CAD file  
Reverse Engineering to create CAD file and drawings  
2 Dell Workstations for Inspection SPC report generation  
Sheffield Cordax Coordinate Measuring Machine  
Granite/Steel Surface Plates to 36" x 48"  
Vernier, Dial & Digital Calipers to 80" capacity  
Micrometers to 6" - Digital Micrometers 0-1"

Scales to 72", Heights Gages to 24"  
Starret Chamfer Gauge, # 684-3, 90° - 127°  
Coating Thickness Gauge, Positector 6000-FN3  
Surface Roughness Standards, Model 16008  
Gage Blocks & Plug Gages (English & Metric)  
Die Penetrant Inspection capabilities  
Dynamometer, Dillon, 5000lb. Capacity  
Light Table, Portman 100:1, 14" Light Comparator

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## SHEET METAL DEPARTMENT

- 1 Amada EMLK Turret Punch Press/Laser Combo, 2008 4000 watt, 48" x 144" Sheet Capacity with Brush table
- 1 Amada APELIO 2510 Turret Punch/Laser Combo 2000 watt, 48" x 144" Sheet Capacity, 2002
- 1 Amada APELIO III 357V –Turret Punch /Laser Combo 2000 watt, 58 Station 48" x 72" Sheet Capacity, 2000
- 1 Amada PEGA ACE 357 44 Station Turret Punch Press Fanuc O4PC Controller 48" x 72" Sheet Capacity Amada Turret Tool Sharpener
- 1 Amada Shear, Model M4065, 14' x ¼" capacity
- 1 Wysong Shear, 7 Ga. x 54", 12 Ga. x 36"
- 1 Sheet Leveler, 24" Amada
- 1 Geka 65 Ton Hydraulic Ironworker
- 1 Roundo Power Angle Rolls 3 X 3 X 5/16
- 1 Powered Initial Pinch Rolls to 48"
- 1 Powered Initial Pinch Rolls to 24"
- 1 Amada CNC Press Brake, model HFB1254 137 ton, Bed Length 13'9", 12'4" between frames 3 axis control DNC to Engineering
- 1 Amada CNC Press Brake model RG5020LD 2004
- 1 Amada NC Press Brake, RG125 10 FT BED Hydraulic with Amada NC9-EX Controller
- 2 Amada NC Press Brakes, RG100 8 foot Bed Hydraulic with Amada NC9-EX Controller
- 1 90 Ton Wysong Hydromechanical Press Brake 8 foot
- 1 75 Ton DiAcro Hydromechanical Press Brake 6 foot
- 1 35 Ton DiAcro Hydromechanical Press Brakes 6 foot
- 2 18 Ton DiAcro Hydromechanical Press Brakes 4 foot
- 1 Chicago Press Brake, 11 ton Mechanical
- 1 DiAcro Adjustable Die Set, 4 Ft, Brake mounted
- 1 Finger Brake, 16 Ga. Box & Pan
- Various manual Presses, Notchers and Multiforms Kick and Hand Presses (some Deep Throat)
- 1 Notcher, 1/4" steel, DRO Amada
- 1 Notcher, 12.5 ton, 30 – 120 degree Adjustable
- 5 Air Compressors to 50 HP

## WELDING DEPARTMENT

- 5 TIG Welding Stations, with 2 Miller Syncrowave 300, Central Argon Gas Supply System with GP45 Tank
- 3 MIG Welding Stations, with Linde 240 Auto Wire feed
- 1 Arc Welder, 225 ampere, Airco
- Various Platens, Tables, Clamps, Booms, Positioners, Lifts, Swivels, Fixtures and Chillers
- Electrolysis Weld Discoloration Cleaning System
- 1 Plasma Cutter, 5/16", L-Tec
- 1 Oven, Blue M Tempering Oven, 20" X 20" X 10"
- 1 Fabtech Spot Fume Eliminator
- 1 Belt Grinder, 3" wide
- 1 Bench Grinder, 6" dia.
- Various Brazing and Soldering Equipment
- Walter Surfox 202 Weld Cleaning Machine

## SPOT WELDING DEPARTMENT

- 1 AMADA TS108I Platen Type Spot Welder 50KVA Set-up for welding doors and tabletops. New 2003
- 1 Sciaky Spot Welder, 3 phase, 100kva Refurbished with new pneumatics and Intel CS-983-A micro-processor welding controls. Certified to MIL-W-6858-D
- 1 LORS 65kva single phase Spot Welder, Press type, with Digital micro-processor Controls
- 1 Peer 75kva single phase Spot Welder, Press type refurbished with ENCO Controls.
- 1 Miller 20KVA portable Spot Welder on Gimbale Gantry
- 1 Sciaky Spot Welder, 3 phase, 75kva Refurbished with new pneumatics and Intel CS-983-A micro-processor welding controls. Certified to MIL-W-6858-D
- 1 Oscilloscope, Tektronix 545
- 1 Dynamometer Pull Tester, Dillon, 5000lb. capacity
- 1- Soyer BMS- 6H, 5 Amp Stud Welder
- 1- Soyer BMS-10H, 10 amp Stud Welder

## **TOOL & DIE - MACHINING OPERATIONS**

1 Mighty Comet CNC Vertical Mill with turret & DNC	1 Furnace, Heat Treat, 2000°, 4" x 4"
1 DNC Download & CNC Programming Workstation	10 Drill Presses various sizes to 30" Knee Press, including 3 spindle Rockwell Multi-Drill Head
1 Chucker Lathe, Hardinge HCT-CF	1 Double Head Mitre Saw, Elumatic DG-79 14" blades
3 Engine Lathes to 13" Swing	1 Automatic Tapper, 12" Steco
3 Bridgeport Mills Vertical, XY DRO, power feed	1 Automatic Cold Saw, 14", Kaltenbach
1 Mill, Horizontal, Diamond	1 Cold Saw, 13", Haberle
2 Surface Grinders	1 Abrasive Cutoff Saw, Delta Radical
1 Cup Tool Grinder, Amada	1 Band Saw, 24" Vertical, Grob, with blade welder
1 Cylindrical Grinder, Grenby	1 Band Saw, 16" Vertical, Walker-Turner
1 Belt Grinder, 6" wide	1 Band Saws, 18" Horizontal, DoAll
2 Bench Grinders, 6" and 8" dia.	1 Countersink/Reamer/Tap Sharpener
1 SRD Drill Bit Sharpener	

## **ASSEMBLY**

2 Haeger Hardware Presses, 6 ton, 1 with Auto Feed	2 Arbor Presses to 30 ton and 42"
2 Autosert AS75A230 7.5 ton hardware insertion press with manual and automatic tooling	6 Electro-mechanical assembly tables with electric and pneumatic outlets
2 Emhart Popmatic Automatic Pop-Riveters	Various assembly Tools and Vises
1 Polyethene Stick Welder	1 Radial Riveter, Bracker

## **MECHANICAL FINISHING & DEBURRING**

1 Automatic Wet AEM Belt Grinder to 37"	1 10ft <sup>3</sup> Rotary Vibrator Finisher w/Auto Unload,
2 Automatic AEM Belt Grinders to 37" with Dust Collectors	2 Vibratory Tumblers to 14 cu. ft.
3 Bench Grinders, 6" dia.	1 Zero Bead Blasting Cabinet
1 Belt Grinder, 3" wide with Dust Collector	Hand Grinders & Polishing Equipment

## **CLEANING & CHEMICAL FINISHING**

Aluminum Cleaning and Chromate Coating Lines	Stainless Steel Passivation
18 tanks up to 72" part capacity	Phosphate Coating
Aluminum Etching and Paint Preparation	High Pressure Steam Cleaning
Chromatic Conversion Coating to MIL-C-5541	2 Drying Ovens
Copper Bright Dipping	Temperature controlled Drying Room

## **POWDER COATING & PAINTING**

### **SPECIALTY PAINTING**

2 Powder Systems, Nordson Sure Coat Electrostatic  
2 Paint Booths to 10' x 12'  
10 Paint Tanks to 10 Gal.  
4 Spray Application Guns

1 Red Devil 1 Gallon Paint Shaker  
10 Hanging Carts 3' X 7' x 5'  
11 Tray Carts to 4' x 6' x 6'  
1 Paint Curing Oven 400° 5' x 10' x 6'  
with Partlow Automatic Control 2008

**AFFILIATES PROVIDE ELECTROPLATING AND ANODIZING SERVICES**

## **SILK SCREENING**

1 Stencil Cutter, Dial, Ideal  
Various Layout Tables

1 Engraver, Hermco 1-L  
Various Screening Tables & Fixtures

## **MATERIAL HANDLING & DELIVERY**

1 Box Truck, International Diesel, 25000 GVW 2005  
1 Box Truck, Freightliner Diesel, 25000 GVW 1998  
22' x 8' high enclosed body  
1 Van, Ford Econoline 250, 1 ton, 2008  
3 Forklifts to 5000 lbs.  
Licensed Forklift drivers

3 Die Carts, Electrical and Mechanical  
5 Pallet Trucks, Hydraulic, 4000 lb  
5 Hand Trucks  
Various Rolling Tables, 4000 lb., 4' x 6'  
1 Long Arm Fork Lift Extension  
3 Hoists to 2000 lbs.

## **PACKING & MARKING**

1 Electronic Counting Scale, Stanton 24-00-1803  
1 Electric Count Scale, Hobart 1500  
1 Skin Pack Machine, Ampac Polytite 200S  
Bar Code software and Label making system

Strapping, Skidding, Shrink Wrap, Carton  
Sealing, Packing and Stenciling

UPS WorldShip Shipping System

## **WAREHOUSING & STORAGE**

3000 ft<sup>2</sup> Sheet Stock Warehouse  
with Electronic Inventory Control  
800 ft of Structural Stock Racks

1500 ft<sup>2</sup> Finished Goods Warehouse  
with Electronic Inventory Control  
400 ft of Tool & Die Racks