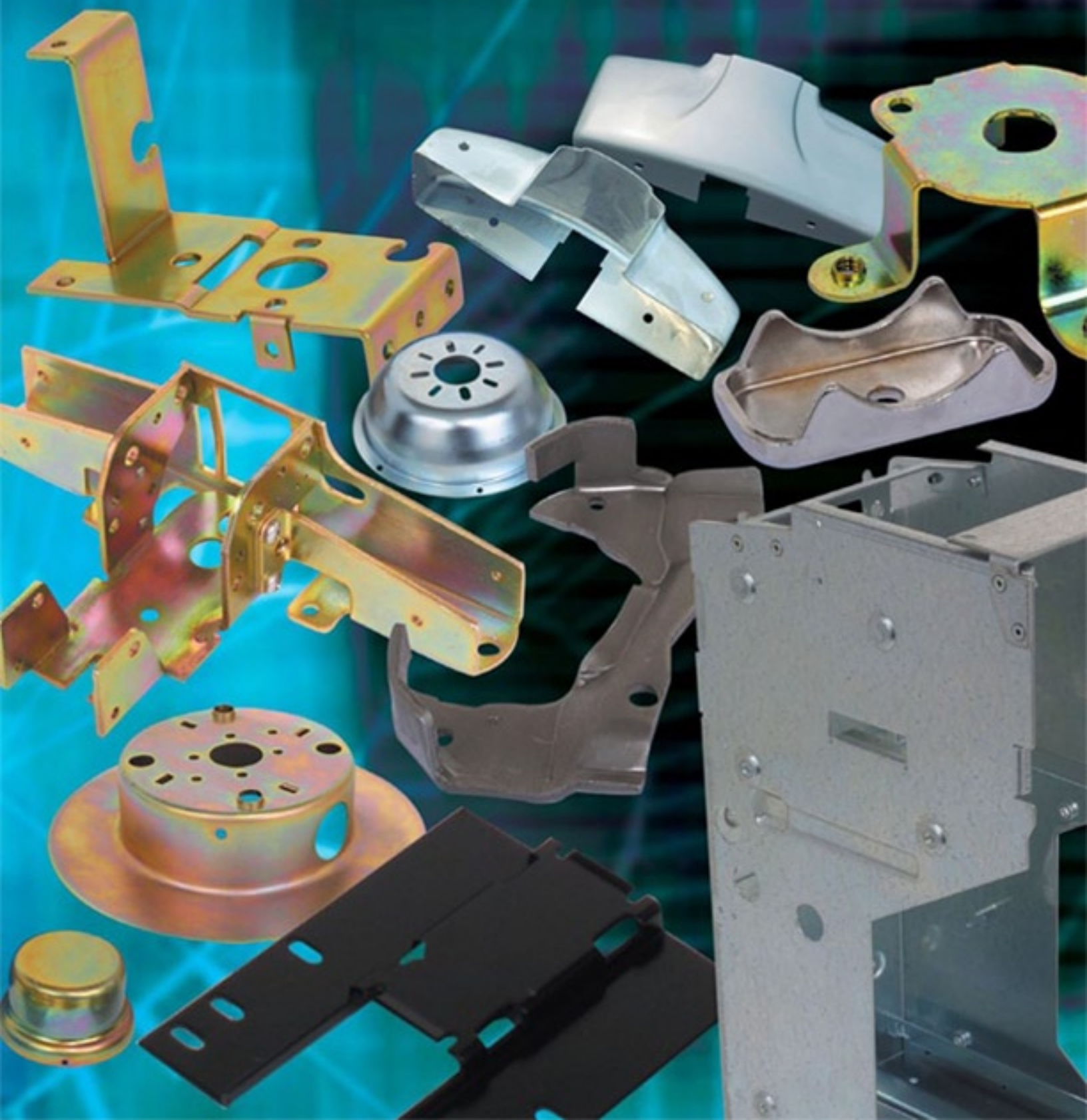




**TEMPCO**  
MANUFACTURING  
COMPANY, INC.

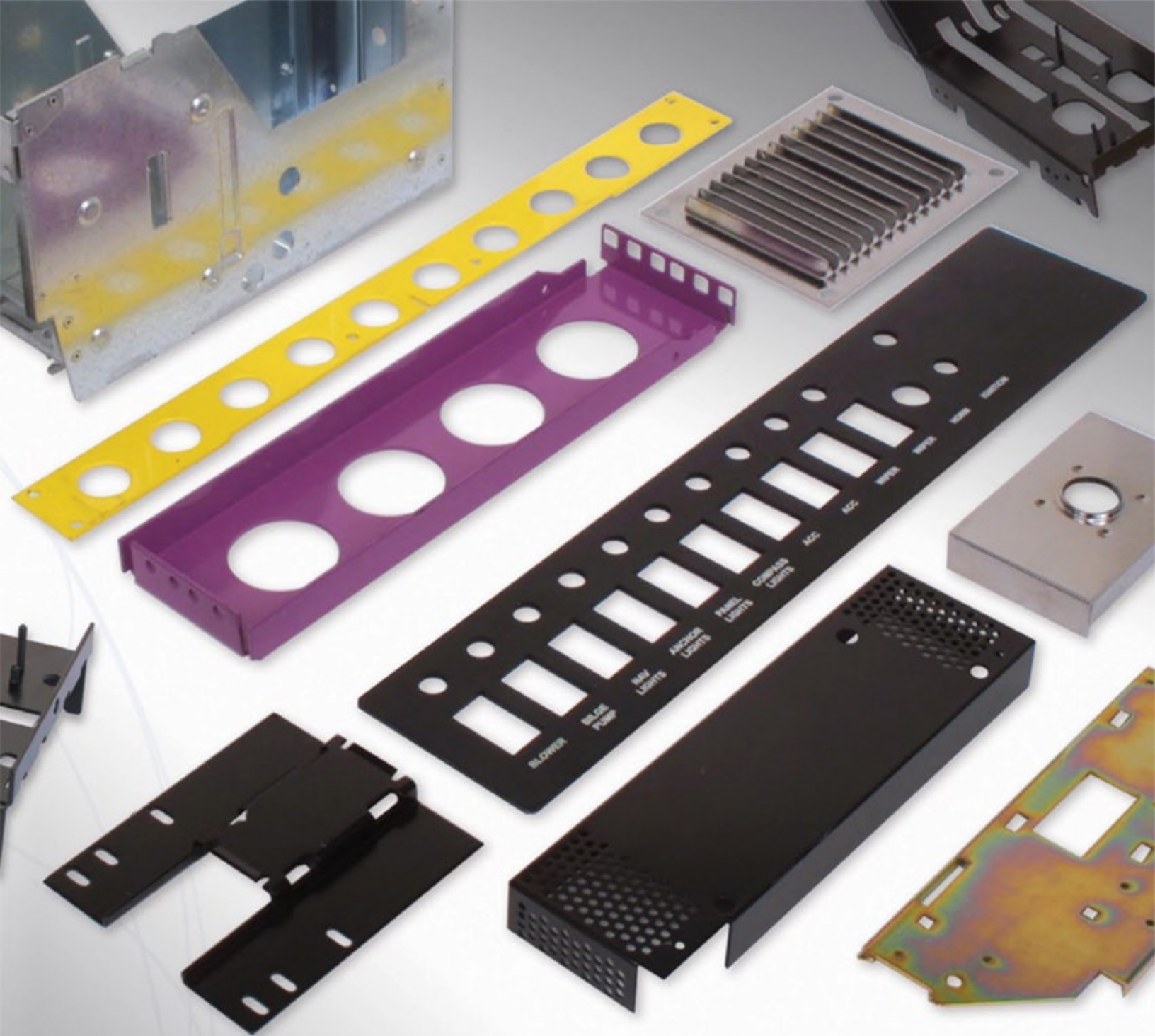




**TEMPCO**  
MANUFACTURING CO., INC.

With almost 70 years of experience, Tempco Manufacturing Company produces precision stampings, sheet metal fabrications, and mechanical assemblies for clients in just about every industry. Our company provides low-cost, top-quality precision metal forming, and has grown steadily, tooling more than 60,000 jobs. We have also developed thousands of sheet metal fabrication programs for our CNC Turret Presses and Laser Cutting Systems. The diverse product categories of our customers include: High technology, vending equipment, door hardware, firearms, commercial laundry, light fixtures, dollar bill and coin exchangers, agribusiness, appliances, automotive, electronics, computers, and dairy equipment, among others.





**WE CAN HANDLE YOUR TOUGHEST MANUFACTURING CHALLENGES...CONTACT TEMPCO TODAY!**

PH: (800) 263-8076 / (651) 452-1441 / FX: (651) 452-1125  
info@tempcomfg.com  
www.tempcomfg.com

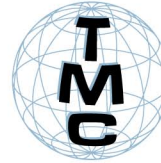
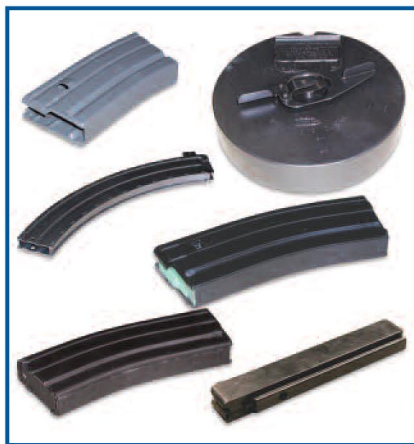
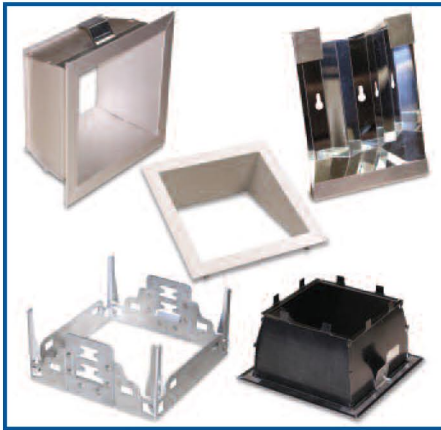
**Look to us for cost-effective design conversions from:**

- Castings
- Forgings
- Machinings
- Two-piece assemblies

**Secondary Operations include:**

Anodizing, broaching, countersinking, counter-boring, deburring, drilling, embossing, finishing, grinding, heat treating, milling, painting, powder coating, plating, rounding edges, reaming, riveting, screen printing, stenciling, spot-welding, shaving, tapping, tumbling, and other services.

# STAMPINGS



**P**RODUCTION STAMPINGS... Blanking, piercing, forming and drawing in most materials - aluminum, brass, beryllium copper, phosphor bronze, monel, steel, stainless steel, plastics, fibers, phenolics, nickel, silver, and space age alloys. Produced on over 200 presses ranging up to 460 tons capacity. We produce millions of pieces from each die in materials as thin as .002 inches, while maintaining tolerances that often exceed industry standards.

We produce only the highest quality parts. Our work force is dedicated and committed to quality through Quality Circle involvement. Quality is our first priority. The latest inspection equipment assures parts are made exactly to your specification.

MODERN FACILITIES... Our modern production facilities have over 150,000 square feet of production area. We constantly are upgrading our equipment to meet the demands of modern industry. Employees are continually trained in the latest stamping technology.

We continue to invest over \$1 million annually to ensure our customers that the latest technology is being utilized including, but not limited to, quick change tooling, die conversions, press equipment, software upgrades, etc.

# SHEET METAL



**S**HEET METAL FABRICATION AND ASSEMBLIES... We have the ability to form, draw and assemble the large sheet metal fabrications that our three CNC turret presses and our new 4000 watt laser produce. We have a large welding department assisted by robotic welding capabilities for all your assembly and fabricating needs. Tempco also has the ability to handle your cosmetic needs using finishing techniques performed by our skilled personnel and our six straight-line sanding machines.

We produce tooling, in-house only for our customers. We excel at cost effective design conversion from castings, forgings, two-piece assemblies and screw machine parts. We help our customers determine the most efficient, cost-effective tooling approach. Tempco maintains and replaces non-permanent dies without charge to our customers. In addition, we update them to eliminate obsolescence. Tooling storage is free.

Precision secondary operations include anodizing, broaching, counter-sinking, counterboring, embossing, drilling, grinding, hand deburring, heat treating, milling, painting, plating, rounding of edges, reaming, riveting, stenciling, spotwelding, shaving, tapping, tumbling and finishing of all kinds, wire feed welding, spray welding, pem nuts and assembly.

Tempco serves all high technology industries including agri-business, appliance, automotive, chemical, computer, dairy equipment, defense, door and window.

# EQUIPMENT LIST



## LASER SYSTEMS

- 1 Amada Model 3015, 4000 watt laser  
5' x 10' bed

## TURRET PRESSES

- 1 1250 SXP Strippit
- 1 1500 H Strippit
- 1 1000 H Strippit

## WATERJET

- 1 Omax 2652 Water Jet

## SMALL PUNCH PRESSES

- 1 Bliss 18TR, 10 Ton
- 1 Bliss 18, 10 Ton
- 6 Bliss 19C, 21 Ton
- 4 Bliss 19 1/2, 22 Ton
- 11 Bliss 19 1/2B, 22 Ton
- 25 Bliss C22, 22 Ton
- 1 Bliss 19 1/2BM, 22 Ton
- 2 Bliss 20B, 30 Ton
- 1 Bliss 4, 30 Ton
- 1 Bliss 20C, 30 Ton
- 3 Bliss 21, 35 Ton
- 1 Bliss 21M, 35 Ton
- 3 Bliss C35, 35 Ton
- 2 Bliss 21S, 35 Ton
- 5 Bliss C45, 45 Ton
- 1 Bliss 21S, 45 Ton
- 4 Auto-Sert PEM & Stud  
Insertion Presses

## LARGE PUNCH PRESS

- 1 Bliss 21 1/2, 54 Ton
- 1 Bliss 23 M, 75 Ton
- 1 Verson 7, 87 Ton
- 1 Niagara AA5GD, 90 Ton
- 3 Bliss 305, 94 Ton
- 1 Toledo 180 Ton
- 7 Bliss 308A, 250 Ton
- 1 Bliss 310, 450 Ton
- 1 Bliss Press 8-60, 290 Ton
- 1 Clearing 125 Ton O.B.I.
- 1 Clearing 200 Ton O.B.I.
- 12 Bachhuber Punch Press Unloader
- 1 Hartup Tool Inc. Trimmer Press # \_\_\_\_\_
- 1 Hartup Tool Inc. Trimmer Press # \_\_\_\_\_
- 1 Amada TPL-80Si with PA Push/Pull  
Feeder System 12" x .125 thick and  
JIT-Wakon Quick Die Change System

## PARTS STRAIGHTENERS

- 1 Cooper Weymouth Small Parts Straightener,  
Capacity 20"
- 2 Cooper Weymouth Small Parts Straightener,  
Capacity 12"
- 1 Di Arco parts Roller
- 1 Wylong 5' Roller

## DEBURRING AND CLEANING EQUIPMENT

- 1 Empire Bead Blast Cabinet Model EF-2448
- 2 Timesaver Mini Belt, Capacity 6"
- 1 Timesaver Mini Belt, Capacity 9"
- 1 Timesaver Capacity 37"
- 1 Nobles Part Dryer
- 1 Wet Timesaver - Model 50-19MW
- 1 Cleanomat Parts Washer
- 1 Hobart Parts Washer
- 6 G&P Stroke Sanders GPMC 264-6
- 1 Automated Finishing AV32L, 32 cu. ft.  
Vibratory Tumbler
- 3 Almco SBB-12
- 1 Almco VM-5

## STOCK REELS

- 1 Feed Lease
- 1 Cooper Weymouth 48"

## SHEARS

- 1 Cincinnati 1010
- 2 Cincinnati 1012
- 1 Cincinnati 1412
- 1 Cincinnati 6206
- 1 Whitney Jensen

## SMALL PRESS BRAKES

- 22 Di-Arco 16-36, 12 Ton
- 5 Di-Arco 18-48, 12 Ton
- 1 Di-Arco 14-48, 17 Ton

## LARGE PRESS BRAKES

- 3 Dries & Krump 265, 25 Ton
- 1 Pacific 150-10, 150 Ton
- 1 Diarco Press Brake 150-10, 150 Ton
- 1 Wisconsin HD-8, 100 Ton
- 1 LVD Press, 50 Ton
- 1 Amada 110 Ton, 10' CNC
- 1 Amada 130 Ton, 10'6" CNC

## SPOT WELDING EQUIPMENT

- 1 Sciaky 100KVA, 10" x 36"
- 1 Acme 40KVA, 24"
- 1 Acme 75 KVA
- 1 Birdsell
- 1 Acro 35KVA, Model ARF-2-24
- 1 Stud Gun CD-80
- 1 Nelson Studgun Model 100

## WELDING EQUIPMENT

- 1 Portable Spot Welder
- 1 MRV-6 Arc Welding Robot System
- 3 Miller Mig Welder Capacity 200
- 4 Miller Mig Welder Capacity 250
- 3 Miller Mig Welder Capacity 300
- 6 Miller Syncrowave 250 Tig Welder
- 2 Miller Syncrowave 250DX Tig Welder
- 1 Miller Syncrowave 350LX Tig Welder
- 1 Hobart Arc Welder
- 2 Cutting Torch

## DRILLING, TAPPING & COUNTERSINKING

- 1 Powermatic 15" Drill Press
- 5 Clausing 15" Drill Press
- 3 Clausing 20" Drill Press
- 4 Delta 15" Drill Press
- 1 Speedy Cut ST-2 Tapping Maching with  
Single Tapping or Twin Tapping Head
- 4 Procnier Size 1 Tapping Head
- 1 Procnier Size 2 Tapping Head
- 3 Procnier Size 3 Tapping Head
- 1 Rockwell Commander #8-12 Tapping/  
Countersinking Head
- 2 Rockwell Commander #700 Tapping/  
Countersinking Head
- 4 Procnier MD 2-Spindle Tapping Head
- 1 Procnier MD 4-Spindle Tapping Head
- 1 Bridgeport Series 1 Mill
- 1 Bridgeport Series 2 Mill

## MILLING MACHINES

- 7 Bridgeport Series I
- 2 Bridgeport Series II
- 1 Kondia

## VERTICAL MACHINING CENTERS

- 1 Hardinge VMC 1000LI
- 1 OKK MCV 550 with Meldas 500 Control
- 1 OKK MCV 650 with Meldas 300 Control
- 1 Fadal VMC

## LATHES

- 1 Clausing 600 12"
- 1 South Bend CL8187ZB
- 1 Summit 17"
- 1 Graziano

## BAND SAWS

- 1 Spartan Horizontal PA1313
- 1 Grob NS 18
- 1 Grob NS 36

## BAND FILERS

- 1 Do All BF-120
- 1 Grob FA830

## SURFACE GRINDERS

- 1 Brown & Sharp 1030 Micromaster
- 1 Taft Pierce
- 1 Do All

## DIGITAL MEASUREMENT

- 1 Bendix Cordax IV
- 1 Zeiss Coordinate Measuring
- 1 Scherr-Tunico 14" Comparator
- 1 Virtek LaserQC

## ROCKWELL TESTER

- 1 Acco Wilson 3TT
- 1 Mitutoyo ATK-F 1000

## TENSILE STRENGTH TESTER

- 1 Com-Ten 1000#

## LAMINA CHECKER

- 2 Mitutoyo

## HEIGHT GAGE

- 1 Helios 18"

## PIN GAGE SETS

- 2 Meyer .006-1.000
- 10 Meyer .061-.250
- 8 Meyer .251-.500

## VERNIER CALIPERS

- 10 Brown & Sharpe 6"
- 1 Brown & Sharpe 8"
- 2 Brown & Sharpe 12"

## SPC MEASURING & TEST EQUIPMENT

- 1 Mitutoyo Digital Micrometer 0-1"
- 1 Mitutoyo Caliper Digital 0-6"
- 10 12" Digital Height Gauge
- 2 0-8" Digital Caliper
- 2 0-12" Digital Caliper
- 2 0-24" Digital Caliper

## MICROMETERS

- 1" Point Micrometer
- Ball Anvil Micrometer
- Micrometer Set 0-6"

## SURFACE PLATES

- 10 Starrett Grade AA Granite

## COMPUTERIZED DIE MAKING EQUIPMENT

- 1 Mitsubishi Wire Cut EDM's, DWC, 90C
- 1 CHMER 305G Wire EDM
- 1 CHMER CW850HS Wire EDM
- 1 CHMER CM H86C Hole Popper

## PACKAGING EQUIPMENT

- 1 Sealed Air Foam-In-Bag Packaging System



# **TEMPCO**

**MANUFACTURING  
COMPANY, INC.**

2475 Highway #55  
St. Paul, MN 55120

(651) 452-1441  
Fax (651) 452-1125  
Fax (651) 452-4708

[www.tempcomfg.com](http://www.tempcomfg.com)