

# UNITED STANDARD INDUSTRIES, INC.

---

Comprehensive Quality Manufacturing

---

## Equipment

United Standard Industries Facilities are housed in a 35,000 sq. ft. all brick modern air-conditioned building. We are equipped with high intensity lighting and supplied by 3000 Amp., 3-Phase power with a Master Air Compressor System (and backup system) feeding the entire plant.

The following is an index of the manufacturing and service equipment at U.S.I. facilities. Click on any link to view a list of specific equipment.

- [The ESPRIT Advanced Manufacturing System](#)
- [Manufacturing Equipment](#)
  - [CNC Machining Centers and Standard Milling Machines](#)
  - [CNC Turning Centers](#)
  - [Standard Lathes](#)
  - [Drilling and Sawing Equipment](#)
  - [Auxiliary Production Equipment](#)
  - [Polishing and Cleaning Equipment](#)
  - [Grinding and Honing Equipment](#)
  - [Stamping and Non-metallic Gasket Equipment](#)
- [Inspection / Metrology Equipment](#)
- [Assembly and Packaging Equipment](#)

---

### The ESPRIT Advanced Manufacturing System

The ESPRIT Advanced Manufacturing System is a high-performance computer-aided manufacturing (CAM) system for a full range of machine tool applications. ESPRIT delivers powerful full-spectrum programming for the 2-5 axis milling, 2-10 axis turning, and 7 axis multi-tasking mill-turn machining performed at United Standard Industries, Inc.

Production Control is directed through a Dell Dimension 4500S. This provides instant status of any job with updates on a daily basis.

[Equipment Index](#)

---

## Manufacturing Equipment

### Computer Numerical Control Machining Centers and Standard Milling Machines

#### (ONE) FIVE-AXIS MATSUURA VERTICAL MACHINING CENTER

Model MAM72-42V PC5 with G-Tech 30i Control, Five Pallet Floor System, 240 Tool Capacity, Fifteen H.P. 12,000 R.P.M. Spindle, High Pressure Coolant through the spindle, MP700 Renishaw In-Process Laser Tool Measuring System (Spindle Probe), Laser Tool Recognition for lights-out unattended function, NC-4 Laser Tool Breakage Detection, Rigid Tapping, Remote Pulse Generator, 360,000 Position Rotary Table, 16.53" diameter by 13.78" length Maximum Work Size, and Rotary Wiper.



#### (ONE) FIVE-AXIS MATSUURA VERTICAL MACHINING CENTER

Model MAM72-25V PC10 with GTech 30i Control, Integrated Multi Pallet Pool, Ten Pallet Floor System, 240 Tool Capacity, Ten H.P. 15,000 R.P.M. Spindle, High Pressure Coolant through the spindle, NC-3 Laser Tool Setting Probe, with Laser Tool Recognition for lights out unattended function, Rigid Tapping, Remote Pulse Generator, 360,000 Position Rotary Table, 9.8" x 9.8" Workpiece Size, Rotary Wiper and Firetrace Automatic Fire Extinguisher.



#### (ONE) FIVE-AXIS MITSUBISHI HORIZONTAL CNC FLEXIBLE MACHINING CENTER

Model MH50C with 60 Tools, Fanuc Model 11M Control, Two Pallet Shuttle System with 20" x 20" Table, 28" x 25" x 25" Envelope, Inductosyn Scales, 360,000 Position (0.001 Degree Resolution) Rotary Table, 4000 RPM, 15 H.P., and 1760 lb. maximum piece weight.

#### (ONE) THREE-AXIS OKK VERTICAL CNC MACHINING CENTER

Model VP500-2APC with Fanuc 310iSA, Twin 20.6" x 19.69" Pallet System, Maximum Work Piece weight of 880 pounds per pallet, 30 each CAT-40 Tool Capacity, 12,000 R.P.M. 30 H.P. Spindle, 1000 P.S.I. High Pressure Coolant thru the Spindle, Circular and Helical Interpolation, Rigid Tapping.

**(THREE) FOUR-AXIS KITAMURA  
HORIZONTAL CNC FLEXIBLE MACHINING  
SYSTEM**

Model HX400iF, two with 100 tools and one with 50 tools, Fanuc Model 16iMB Control and Remote Pulse Generator, two pallet Shuttle System with 15.7" x 15.7" Table, 25.6" x 25.6" x 37.8" Envelope, 360,000 Position (0.001 Degree Resolution) Rotary Table, Rigid Tapping, 13,000 RPM Spindle, 25 H.P., High Pressure Coolant, 880 lb. maximum piece weight, with Laser Tool Recognition for unattended lights-out function protected by FireTrace Automatic Fire Extinguisher System.



**(ONE) FOUR-AXIS MORI-SEIKI CNC  
MACHINING CENTER**

Model MV-65/50 with 40 Tools, Fanuc Model 11M Control, and Remote Pulse Generator, 67"x28" Table, 60" x 26" x 30" Envelope, 360,000 Position (0.001 Degree Resolution) 15" Rotary Table, Helical Interpolation, 4000 RPM, 30 H.P., 4409 lb. maximum piece weight.

**(ONE) FOUR-AXIS MORI-SEIKI CNC  
MACHINING CENTER**

Model MV-65/50 with 40 Tools, Fanuc Model 11M Control, and Remote Pulse Generator, 67" x 28" Table, 60" x 26" x 30" Envelope, 360,000 Position (0.001 Degree Resolution) 15" Rotary Table, Helical Interpolation, 4000 RPM, 20 H.P., 4409 lb. maximum piece weight.



**(ONE) THREE-AXIS MORI-SEIKI CNC MACHINING CENTER**

Model MV-55/50 with 30 Tools, Fanuc Model 16M Control and Remote Pulse Generator, 55" x 21" Table, 41" x 22" x 22" Envelope, Helical Interpolation, Oil Hole Drill Coolant System, Rigid Tapping, 4000 RPM, 15 H.P., 3300 lb. maximum piece weight.

**(ONE) FIVE-AXIS OKK CNC MACHINING CENTER**

Model VM-5III with 30 Tools, Fanuc Model 160iS Control with Remote Pulse Generator, automatic shutoff, 41" x 22" Table, 41" x 20" x 20" Envelope, 360,000 Position (0.001 Degree Resolution) Helical Interpolation, 12" Rotary Table, Oil Hole Drill Coolant System, Rigid Tapping, High Pressure Coolant, 10,000 RPM, 20 H.P., 1760 lb. maximum piece weight.

**(ONE) FOUR-AXIS OKK CNC MACHINING CENTER**

Model VM-5III with 30 Tools, Fanuc Model 160iS Control with Remote Pulse Generator, automatic shutoff, 41" x 22" Table, 41" x 20" x 20" Envelope, 360,000 Position (0.001 Degree Resolution) Helical Interpolation, 12" Rotary Table, Oil Hole Drill Coolant System, Rigid Tapping, High Pressure Coolant, 10,000 RPM, 20 H.P., 1760 lb. maximum piece weight.

**(ONE) FOUR-AXIS OKK CNC MACHINING CENTER**

Model VM-5III with 30 tools, Fanuc Model 180iS Control with automatic shutoff, and with remote Pulse Generator, 41" x 22" Table, 41" x 20" x 20" Envelope. Helical Interpolation, 360,000 Position (0.001 Degree Resolution) Haas Rotary Table interface connection, Oil Hole Drill High Pressure Coolant System, Rigid Tapping, 10,000 RPM, 15 H.P., 1760 lb. maximum piece weight.

**(TWO) FOUR-AXIS KITAMURA CNC MACHINING CENTERS**

Model Mycenter 3 with 30 Tools, Fanuc Model 15M Control and Remote Pulse Generator, 43" x 21" Table, 33" x 19" x 18" Envelope, 360,000 Position (0.001 Degree Resolution) 12" Rotary Table, Helical Interpolation, 6000 RPM, Rigid Tapping, 10 H.P., 1320 lb. maximum piece weight.

**(ONE) FOUR-AXIS KITAMURA CNC MACHINING CENTER**

Model Mycenter 3 with 30 Tools, Fourth Axis Indexing Capability, Fanuc Model 15M Control, 43" x 21" Table, 33" x 19" x 18" Envelope, Helical Interpolation, 8000 RPM, Rigid Tapping, 15 H.P., 1100 maximum piece weight.

**(ONE) FOUR-AXIS MORI-SEIKI CNC MACHINING CENTER**

Model MV 45/40B with 30 Tools, Fanuc Model 11MB Control and Remote Pulse Generator, 47" x 21" Table, 32" x 18" x 20" Envelope, 360,000 Position (0.001 Degree Resolution) 12" Rotary Table, Helical Interpolation, 6000 RPM, 10 H.P., 1540 lb. maximum piece weight.

**(ONE) FOUR-AXIS MORI-SEIKI CNC MACHINING CENTER**

Model MV 45/40 with 30 Tools, Fanuc Model 11MB Control and Remote Pulse Generator, 43" x 18" Table, 30" x 18" x 20" Envelope, 360,000 Position (0.001 Degree Resolution) 12" Rotary Table, Helical Interpolation, 6000 RPM, 10 H.P., 1540 lb. maximum piece weight.



**(TWO) THREE-AXIS KITAMURA CNC MACHINING CENTERS**

Model Mycenter 3XiF with Rotary Indexing capability, 30 Tools, Fanuc Model 16i MB Control, 35" x 16" Table (1969 I.P.M.), 30" x 18" x 18" Envelope, 20,000 R.P.M. Spindle, 25 H.P., Coolant through the spindle, Rigid Tapping, 1100 lb. maximum piece weight.



**(ONE) THREE-AXIS KITAMURA CNC MACHINING CENTER**

Model Mycenter 3Xi with Rotary Indexing capability, 30 Tools, Fanuc Model 16i MA Control, 35" x 16" Table, 30" x 18" (1200 I.P.M.) Table travel with 18" Z-Axis, Helical Interpolation, 15,000 RPM Spindle, 15 H.P., Coolant through the spindle, Rigid Tapping, 1100 lb. maximum piece weight.

**(ONE) THREE-AXIS KITAMURA CNC MACHINING CENTER**

Model Mycenter 3 with Rotary Indexing Capability, 30 Tools, Fanuc Model OMC Control, 43" x 20" Table, 43" x 20" x 18" Envelope, Helical Interpolation, 6000 RPM, Rigid Tapping, 10 H.P., 1540 lb. maximum piece weight.

**(ONE) THREE-AXIS KITAMURA CNC MACHINING CENTER**

Model Mycenter 2XiF, with Fanuc 16iMB Control, 24 Tools, Two Pallet High Speed "Spark" changer, 14" x 22" Table, 14" x 22" x 18" envelope, 20,000 RPM Spindle, 15 H.P., 220 PSI High Pressure Coolant thru the spindle, Rigid Tapping, Helical and Circular Interpolation.



**(ONE) THREE-AXIS KITAMURA CNC MACHINING CENTER**

Model Mycenter 2 with Rotary Indexing Capability, 20 Tools, Fanuc Model OMB Control, 35" x 16" Table, 23" x 17" x 18" Envelope, Helical Interpolation, 7000 RPM, 15 H.P., 9" Rotary Table, Rigid Tapping, 660 lb. maximum piece weight.

**(ONE) THREE-AXIS KITAMURA CNC MACHINING CENTER**

Model Mycenter 1 with 16 Tools, 35 Taper, Fanuc Model OMC Control, 26" x 16" Table, 22" x 16" x 16" Envelope, 13,000 RPM, 7.5 H.P., Full Enclosure and Coolant, 800 lb. maximum piece weight.

**(ONE) FANUC ROBODRILL MATE**

With Fanuc Oi-MC Control, 14 Tool Automatic Tool Changer 10,000 R.P.M., 13.6 H.P. direct drive spindle, Rigid Tapping to 3600 R.P.M., Flood Coolant, 550 pound table capacity, Axis Travels: X=16.14", Y=12.20", Z=12.99", and maximum Z-axis clearance of 18.9".

**(SIX) BRIDGEPORT VERTICAL MILLS**

2 H.P., power cross-feed, equipped with Accurate Digital Readouts, chrome ways, one-shot lubrication. One with Bridgeport Shaping Head.

**(ONE) NICHOLS PRECISION HORIZONTAL MILLS**

Air feed; one with Rise and Fall.

**(ONE) COMMAND TOOL PRESETTER**

Model PSFM-1224 with 40 and 50 Taper Capability.

**(ONE) DORIAN TOOL PRESETTER**

Model P-368.

**(TWELVE) MAPLE TOP STEEL WORK STATIONS****(ONE) TENNSCO MODULAR WORKBENCH**

72" x 30" with six drawers and 2" thick Maple top.

**Computer Numerical Control Turning Centers****(ONE) TSUGAMI PRECISION SWISS TYPE  
10 AXIS SCREW MACHINE**

Model BH38 With sliding headstock, 1-1/2" bar capacity, 12 station turret with independent drive mechanism. Maximum tools: 34. Up to three tools in the cut simultaneously. Fanuc 31A control with special programming software. Machine is equipped with 2000 PSI coolant pump with 8 port delivery, FMB 5-55 Turbo 12 foot magazine bar feeder for around the clock operations. Chip conveyor, pollution control system. Firetrace automatic fire extinguisher system for unattended operation; 15 H.P. main spindle, 7-1/2 H.P. back spindle, full C-axis control on both spindles. Special adapter bushing for smaller diameter material. 3 H.P. drive on live tools.

**(ONE) NAKAMURA-TOME SEVEN-AXIS  
MULTI-TASKING CNC TURNING CENTER**

Model WT-300 with Fanuc 18iTB CNC Control, Dual Spindles, 25 H.P. each, 2.6" thru-spindle, Ten-inch Chucks, Upper and Lower Turrets (24 Stations total with 7.5 H.P. each), 15 Live Tools, Automatic Part Remover, High Pressure Coolant, Helical Interpolation and Automatic Tool Setter.



**(ONE) TWO-AXIS DAEWOO HIGH PERFORMANCE CNC TURNING CENTER**

Model Puma 12L with 10 Tools, Fanuc Model 10TF Control (conversational), 8", 12", and 15" Hollow Hydraulic Chucks, 30 H.P., Programmable Tail Stock, 3-1/2" thru Spindle, 23" Swing, 40" between centers, 2500 RPM, with 16C Collet Closure and 2-1/4" capacity Bar Puller.

**(ONE) TWO-AXIS HWACHEON CNC TURNING CENTER**

Model Hi-ECO31A, with Fanuc 18-TC Control, 10" Chuck, 20 H.P., Programmable Tail Stock, 16C Collet Closer, 10 Tools, 2.7" thru Spindle, 20.5" Swing over bed, 24" between centers, 3200 RPM, maximum turning diameter 15".

**(ONE) TWO-AXIS HWACHEON CNC TURNING CENTER**

Model Hi-ECO31A, with Fanuc O-TC Control, 10" Chuck, 16" Collet Closer, 20 H.P., 10 Tools, 2.7" thru Spindle, 20.5" Swing over bed, 24" between centers, 3200 RPM, maximum turning diameter 15".

**(TWO) TWO-AXIS HWACHEON CNC TURNING CENTERS**

Model Hi-ECO21HS, with Fanuc 18-T Control, 6" & 8" Chucks, 16C Collet Closer, 15 H.P., 12 Tools, 2.4" thru Spindle, 22.9" Swing over bed, 16" between centers, 4000 RPM, maximum turning diameter 11".

**(ONE) TWO-AXIS HWACHEON CNC TURNING CENTER**

Model Hi-TECH 100B with Fanuc Oi-TA Control, with 6" Chuck, 16c Collet Closer, 10 H.P., 12 Tools, 2.9": thru Spindle, 19.7" Swing over bed, 15.7" between centers, 6000 RPM, Maximum turning diameter 13.8".

**(ONE) TWO-AXIS MORI-SEIKI CNC TURNING CENTER**

Model SL-1A with 12 Tools, Fanuc Model 11TA Control, 6" Hollow Hydraulic Chuck, 15 H.P., 1-5/8" thru Spindle, 1-5/16" Barfeed, 14" Swing, 12" between centers, 6000 RPM.

## Standard Lathes

**(ONE) HARDINGE TOOL ROOM LATHE**

Taper Turning, Threading from 11 to 108 Pitch Threads, 6" Chuck and 1-1/16" Collet Capacity.

**(ONE) HARDINGE CHUCKER**

8 Station Turret, 6" Chuck, 1-1/16" Collet Capacity with 3 and 6 jaw chucks, 36" Pneumatic Bar Feed.

**(ONE) DYNAMIC ENGINE LATHE**

18" Swing, 5 H.P., 40" Centers.

**(ONE) HARDINGE SPEED LATHE**

With Compound and Tool Post, 5C Collets, 1-1/16" Capacity, 3000 RPM.

## Drilling and Sawing Equipment

**(ONE) DUMORE AUTOMATIC DRILL HEAD**

With Peck Feed.

**(TWO) CLAUSING DRILL PRESSES**

With 2 Drill Heads (3/4 H.P. each) on each Production Table. Each Head has Pneumatic Feed Commander Heads and Air Vises on Production. Table with Coolant.

**(ONE) CLAUSING DRILL PRESS**

2 H.P., Air Feed, Commander Heads and Air Vises on Production Table with Coolant.

**(ONE) KASTO RACINE COMPLETELY AUTOMATIC VERTICAL BAND SAW**

PLC Controlled, 10.5" Diameter Capacity, 5 H.P., with Bundling Attachment, Heavy Duty Conveyer, and Bar Feed Advancement.

**(ONE) KASTO RACINE COMPLETELY AUTOMATIC HORIZONTAL BAND SAW**  
14" Diameter Capacity, 6 H.P., with Bundling Attachment, Heavy Duty Conveyer, and Bar Feed Advancement.

**(ONE) GROB VERTICAL BAND SAW**  
With Saw Band Welder.

**(ONE) ABRASIVE CUT-OFF SAW**  
14" Capacity, Table Mounted.

**(ONE) AUTOMATIC COLD SAW**  
Scotsman 4" Capacity.

### **Auxiliary Production Equipment**

**(ONE) HY-PRO SHRINK TOOLING SYSTEM**  
1200 Watt capacity Model HR-B-02S-120NA, for mounting tool holders for ultra-high speed machining.

**(ONE) SMOG HOG ELECTRONIC PRECIPITATOR**  
1000 CFM, Portable Unit.

**(EIGHT) ROYAL FILTERMIST FX-1200**  
3 H.P. mist and smoke collector.

**(ONE) ROYAL FILTERMIST FX-900**  
2 H.P. mist and smoke collector.

**(TWO) ROYAL FILTERMIST FX-600**  
2 H.P. mist and smoke collector.

**(ONE) ROYAL FILTERMIST FX-275**  
3/4 H.P. mist and smoke collector.

**(ONE) BALANCE SPECIALTIES MODEL M STATIC AND DYNAMIC BALANCING MACHINE**  
Weight Capacity: 2 lbs. to 50 lbs. 20" Swing. Maximum Part Length: 23". 1 H.P. Drive Motor. Electronic Plane Separation.

**(ONE) KALAMAZOO S14HW PRODUCTION HORIZONTAL BELT SANDER**  
15 H.P., 14" x 36" Work Surface, Wet Sanding and Coolant Tank.

**(ONE) UNI-TEK METAL DISINTEGRATOR**  
Model 300 W/LRC, 30" x 30" Table with Automatic Electro Servo Feed, Rack and Pinion Cross-Arm movement with mechanical Cross-Arm Lift.

**(ONE) OHIO BROACH**  
Model 315, 15" Stroke, Size 3, Vertical and Push Type, One Station, Hydraulic Type, 2 H.P.

**(ONE) PRATT & WHITNEY SIX INCH VERTICAL SHAPER**  
Model B, M-1506, One H.P.

**(ONE) DAKE HYDRAULIC PRESS**  
One Hundred Ton Capacity.

**(ONE) SUNNEN HYDRAULIC PRESS**  
Ten Ton Capacity.

**(ONE) DENISON HYDRAULIC PRESS**

Six Ton Capacity.

**(FOUR) ARBOR PRESSES**

Up to Four Tons Capacity.

**(ONE) AUTOMATIC CIRCULAR ULTRAMATIC VIBRATORY TUMBLER**

Model VB-35, with 31" Bowl.

**(THREE) AIR COMPRESSORS**

30 H.P. Rotary Screw, 80 Gallon Capacity Tank.

**(TWO) AIR DRYERS**

Refrigerated, for above Compressors.

**Polishing and Cleaning Equipment****(ONE) HAMMOND TWIN SPINDLE VARIABLE SPEED POLISHING LATHE**

With Air Tensioning and Idlers on both spindles. 5 H.P., and with DCE VOLKES Automatic Exhaust System.

**(ONE) ADF SYSTEM PARTS WASHER**

Model 800, 700 LB. Nozzle Pressure, Extended Lid Height 18" x 42" Diameter, 1000 lb. Capacity Rotary Table, and Oil Skimmer.

**(ONE) ADF SYSTEM PARTS WASHER**

Model 800, 700 LB. Nozzle Pressure, Extended Lid Height 18" x 23" Diameter, 300 lb. Capacity Rotary Table, and Oil Skimmer.

**Grinding and Honing Equipment****(ONE) SHIGIYA TWO AXIS CNC CONVERSATIONAL CYLINDRICAL GRINDER**

Model GPS-30.60 with Fanuc PowerMate-D Control. Capacity is 11.8" Swing, 22.9" between centers. Maximum load between centers 330 pounds. Maximum wheel size 16" diameter. Infinitely variable speed workhead. Minimum incremental movement (on diameter) 0.000010". Workhead speed range 15 to 600 RPM in 1 RPM steps, Center Taper MT#4. 5 H.P. Wheel Motor. 1546 R.P.M.

**(ONE) TOYODA TWO AXIS CNC CYLINDRICAL GRINDER**

Model Select G-100II Dual Purpose with GC-50 LCD touch-screen control. Capacity is 12.6" Swing, 39.4" between centers, Maximum load between centers of 330 pounds. Angle grinder with locator touch probe. Wheelhead position 90 degree and 30 degree, maximum wheel size 20 inches diameter. Minimum incremental movement (on diameter) 0.000010", rapid feed on diameter 394 IPM. Table type two piece swiveling/traversing with rapid feed of 394 IPM. Workhead Type TA-200W, Center Taper MT #4, variable speed 16 to 500 RPM. 10 H.P. wheel drive motor. With combination magnetic and fabric filtration coolant system.

**(ONE) OKAMOTO LINEAR B SERIES 612**

With Heidenhein 3 Axis, P.G. Optidress, Grind-Rite Centerless, Model 15-000, Coolant System with Splash, adapter bracket and special 8" wheel guard.

**(TWO) HARIG 6" X 18" AUTOMATIC SURFACE GRINDERS**

1-1/2 H.P., with Wet Grinding Attachment and Built-In Wheel Dresser.

**(ONE) SUNNEN MODEL CV-616 AUTOMATIC VERTICAL HONING MACHINE**

2 H.P. with Automatic Size Control, 3/4" to 8" Diameter, up to 18" depth (May be modified to 24" depth).

**(ONE) SUNNEN MMB MODEL 1802 AUTOMATIC POWER STROKE HONING MACHINE**

With Automatic Size Control, and a complete range of Mandrels up to 2-1/2".

**(THREE) SMOG HOG ELECTRONIC PRECIPITATORS**

2 H.P. with Automatic Size Control, 3/4" to 12" Diameter, up to 18" depth (May be modified to 24" depth).

**(ONE) AUTOMATIC VIBRATORY BOWL FEEDER**

36".

**(ONE) DELUXE DRILL GRINDER**

For 1/8" thru 1-1/4" Diameter.

**(TWO) CARBIDE TOOL GRINDERS**

Diamond Wheels.

**(FOUR) WORK STATIONS**

One Steel, Three Maple.

**(FOURTEEN) PEDESTAL GRINDERS****Stamping and Non-metallic Gasket Equipment****(ONE) U.S.M. PROGRAMMED AUTOMATIC TRAVEL-HEAD HYDRAULIC PRESS**

Twenty-five tons.

**(ONE) AUTOMATOR MV35 AIR IMPACT PRESS**

Ten tons.

[Equipment Index](#)

---

**Inspection / Metrology Equipment**

All Metrology Standards and Master Inspection Equipment are maintained in the 900 square foot laboratory with independent temperature controls. All inspection equipment within the laboratory as well as shop and employee-owned is calibrated in accordance with standard procedures.

Calibration records are on file. United Standard Industries, Inc. is certified to ISO 9001:2008 by Eagle Registrations, Inc.

**(ONE) SHEFFIELD CORDAX ENDEAVOR 9.15.7 ROBOTIC COORDINATE MEASURING MACHINE**

With Endeavor 9.15.7, 9157 CMM System, T Dell Optiplex Mini-Tower P.C., CHW60T 22" Flat Panel LCD Monitor, PC-DMIS CAD Software, PH10M Programmable Indexable Head, TP20 Probe Kit A1371-0291, and 366026-SFD Custom Aluminum Fixturing Plate (two piece).

**(ONE) SHEFFIELD CORDAX DISCOVERY II COMPUTER CONTROLLED COORDINATE MEASURING MACHINE**

Discovery II Model D12, with Dell Optiplex 745 Mini-Tower P.C., Dell 19" Flat Panel Monitor, PC-DMIS CAD Software, QC-CALC Real-Time SPC Software, PH10T Programmable Indexable Head, TP20 Probe Kit and Custom Aluminum Fixturing Plate.

**(ONE) JONES & LAMSON OPTICAL COMPARATOR MODEL EPIC-120**

With 0.00005" Digital Read-out, X & Y axis, 20" screen, Three Lenses (10x, 20x, & 50x power) and Surface Illumination.

**(ONE) MITUTOYO COMPARATOR - 14"**  
0.0001" Read-out, and Surface Illumination.

**(ONE) MAUSER WHG-80600 COMPUTERIZED HEIGHT GAGE**  
With SPC Software and Printer.

**(ONE) STARRET GRADE A (0.0006") CRYSTAL PINK QUARTZ SURFACE PLATE**  
72" x 48" x 10" Thick.

**(ONE) STARRET GRADE B CRYSTAL PINK GRANITE SURFACE PLATE**  
On a Mobile Stand, 72" x 36" x 8" Thick.

**(TWO) TENNSCO MODULAR WORKBENCHES**  
72" x 30" x 2" thick butcher block top with power riser and eight grounded outlets.

**(TWO) TENNSCO MODULAR WORKBENCHES**  
60" x 30" x 2" thick butcher block top with power riser and eight grounded outlets.

**(TWO) BORIS™ - OPTICAL REVOLVING INSPECTION STAGES**  
Used to stage parts on Horizontal/Vertical Optical Comparators.

**(ONE) TRU-STONE CURA "MASTER ANGLE"**  
9" x 18" x 3" Grade AA Laboratory, plus-or-minus .000025" per six inches.

**(TWO) SETS OF STEEL GAGE BLOCKS, THREAD GAGES, PIN GAGES, ETC.**

**(TWO) SETS OF PIN AND PLUG GAGES**  
From .015 to .750 in .001 increments.

**(ONE) SET OF CARBIDE GAGE BLOCKS**  
Inspection Grade.

**(ONE) STARRETT DIGITAL HEIGHT GAGE**  
12" Maximum Range, 0.0001" Read-out.

**(SEVEN) MITUTOYO DIGITAL HEIGHT GAGES**  
24" Maximum Range, 0.001" Read-out.

**(TWO) FULL SETS OF DIGITAL MICROMETERS (UP TO 16" DIAMETER), VERNIER CALIPERS, INDICATORS, ETC.**

**(ONE) WILSON ROCKWELL DIGITAL HARDNESS TESTER**  
Complete with standards.

**(ONE) RAMS ROCKWELL HARDNESS TESTER**  
Complete with standards.

**(TWO) MITUTOYO SURFTTEST PROFILOMETERS MODEL 211 DIAL BORE GAGES**  
Complete with standards.

**(TWO) BENDIX PROFILOMETER ANALOG SURFACE FINISH TESTERS**  
**(ONE) FEDERAL POCKET SURF PROFILOMETER**

**(MANY) SETS OF FEDERAL DIAL BORE GAGES**  
In tenths, 0.0000" up thru 16" diameter.

**(TEN) SURFACE PLATES**  
Various sizes up to 30" x 48".

**(FOUR) SHEFFIELD PRECISIONAIRE AIR GAGES**

**(FIVE) FEDERAL AIR GAGES**

With 6" Dial, graduated in millionths.

**(TWO) JOHANNSON GAGES**

Calibrated in millionths.

**(FOUR) SUNNEN BORE GAGING SYSTEMS**

**(ONE) STUHR PRECISION BENCH CENTER**

36" Center, 6" Swing.

**(TWO) KONDA PRECISION BENCH CENTERS**

18" Center, 12" Swing.

**(ONE) BROWN & SHARP PRECISION BENCH CENTER**

30" Center, 8" Swing.

**(THREE) LARGE VERNIERS**

Up to 80".

[Equipment Index](#)

---

## **Assembly and Packaging Equipment**

**(ONE) BINKS PAINT BOOTH**

With staging area.

**(ONE) PRODUCTION GAS OVEN**

Despatch model V-35, with 48" x 42" x 30" capacity.

**(FIVE) HEAT SEALING MACHINES**

For sealing polyethylene, polyester, scrim-foil or Kraft foil.

**(ONE) NAGEL VACUUM CHAMBER**

12" diameter, 18" height.

**(TWO) TOYOTA PROPANE LIFT TRUCKS**

5000lb. capacity.

**(ONE) BIG JOE ELECTRIC LIFT TRUCK**

**(TWO) WORKLIFTER ELECTRIC LIFT TRUCKS**

**(ONE) JIB CRANE**

One-Ton capacity, 25' span.

**(FOUR) BRIDGE CRANES**

Half-Ton capacity.

**(SIX) JIB CRANES**

Half-Ton capacity.

**(TWO) PORTABLE AIR COMPRESSORS**

2 H.P. for riveting, screwdrivers.

**(ONE) AUTOMATIC STEEL STAMPING MACHINE**

Air operated, complete with various types and holders.

**(FOUR) SETS OF STEEL STAMPS AND HOLDERS (Manual)**

18" Center, 12" Swing.

**(ONE) BLAST-IT-ALL PRESSURE SANDBLAST SYSTEM**

Model 3468-P, with ZERO CARTRIDGE 2 H.P. DUST COLLECTOR, Model RPH-2.

**(ONE) TRINCO DRY-BLAST SAND-BLASTING BOOTH**

24" X 36" capacity.

**ONE-HUNDRED LINEAL FEET OF BENCHES**

With Power, various Riveting and Eyeletting Machines, Assembly Tools, Arbor Presses, and Extensive Fixtures.

[Equipment Index](#)

---

[Top of page](#)



United Standard Industries, Inc.  
2062 Lehigh Avenue  
Glenview, IL 60026-1619  
Phone: 847-724-0350  
Fax: 847-724-0397