



# Facility highlights

Keller Technology Corporation (KTC) is a global supplier of manufacturing and engineering services, with facilities located in Buffalo, New York, Charlotte, North Carolina, and Daegu, South Korea.

## About Us

We specialize in four areas including custom machinery, precision fabrication, automated systems for medical device manufacturing, and contract manufacturing. Keller delivers sophisticated solutions for many industries including Engineered Materials, Semiconductors, Robotics, Chemicals, Medical and Life Science, Energy Research, and Industrial Technologies.

Our corporate mission is focused upon Total Reliability, providing our customers quality performance, value, schedule adherence and technical compliance. Please consider Keller as your one-stop source for complex industrial manufacturing solutions.

## Expertise

- ▶ Industrial Process Equipment and Pressure Vessels
- ▶ Complex and Precision Fabrications Vacuum Chambers and High Vacuum Systems
- ▶ Specialty Production Machine and Automated Systems
- ▶ Manufacturing Systems for Medical Devices
- ▶ High-complexity Contract Manufacturing
- ▶ Large format 5-axis machining

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



Buffalo, New York  
716-693-3840



Charlotte, North Carolina  
704-875-1605

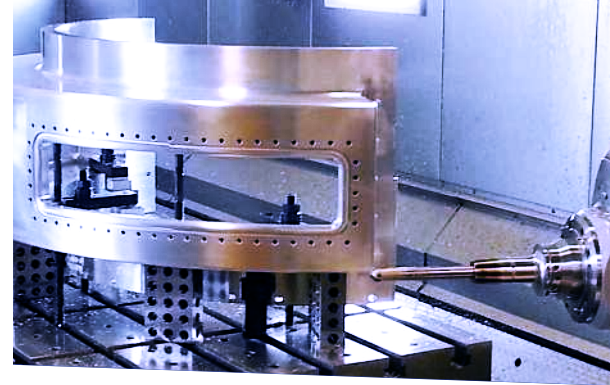
[sales@KellerTechnology.com](mailto:sales@KellerTechnology.com)

# Buffalo

200,000 sqft | 2320 Military Rd., Tonawanda, NY 14150

716-693-3840 | sales@kellertechnology.com

www.kellertechnology.com



## 5 Axis Machining Centers

- ▶ **Parpas XS63 5 Axis Gantry Mill**  
Travel of X axis=236" x Y axis=118" x Z axis=59",  
Two Spindles up to 20,000 RPM
- ▶ **Vision Wide FA-4127 CNC Bridge Machining Center**  
Travel 161.54" x 106.40" x 39.4" with 12,000 RPM 220 N/M Torque, 2 SPD, HSK 100. 120 Tool Magazine
- ▶ **MAHO 125P HI-DYN Universal Mill**  
60" x 25" table travel, Vertical = 34", 10,000 RPM
- ▶ **DMG MORI DMC 160 U Machining Center**  
Travel of X axis = 63" x Y axis = 55.1" x Z axis = 43.3", 12,000 RPM, Dual Rotary Pallet System
- ▶ **DMG MORI DMC 210 U Machining Center**  
Travel of X axis = 82.6" x Y axis = 82.6" x Z axis = 49.3", 15,000 RPM HSK 100 Spindle Rotary Pallet Storage (R55) with 5 Pallets, 5 Wheel, 303 Tool Automatic Tool Changer
- ▶ **DMG MORI DMC 210 FD Machining Center**  
Travel of X axis = 82.6" x Y axis = 82.6" x Z axis = 49.3", 15,000 RPM HSK 100 Dual Rotary Pallet System and Mill Turn function. 4 wheel tool magazine (243 tools)
- ▶ **DMG MORI DMC 125 U duoBLOCK Machining Center**  
Travel of X axis = 49.2" x Y axis = 49.2" x Z axis = 39.4", 12,000 RPM HSK 100 spindle. 2 wheel tool magazine (123 tools). CELOS with Siemens 840 D SL Operate Control.

## 4 Axis Machining Centers

- ▶ **Kuraki KBM-11X CNC Horizontal Boring Mill**  
Travel of X axis=59" x Y axis=47" x Z axis=27",  
3,000 RPM
- ▶ **Kuraki KBT-11Z CNC Horizontal Boring Mill**  
Travel of X axis=98" x Y axis=70" x Z axis=47",  
3,000 RPM

## 3 Axis Vertical Machining Centers

- ▶ **Mazak VTC-250/50 CNC Vertical Machining Center**  
Travel of X axis=60" x Y axis=25" x Z axis=25",  
6,000 RPM
- ▶ **Acer CNC Bridge Mill**  
Travel of X axis=60" x Y axis=23" x Z axis=20",  
3,000 RPM
- ▶ **DMG MORI DMC 160 U RS6 Machining Center**  
Travel of X axis = 63" x Y axis = 55.1" x Z axis = 43.3", 15,000 RPM, with 6 Pallets. 4 wheel tool magazine (243 tools)

## Lathes

- ▶ **Kingston HJ-1100 Lathe**  
17" turn dia. x 40.0" turn length, 2,000 RPM

## Quality Assurance

- ▶ **Global Advantage Coordinate Measuring Machine**  
Range X Axis=2000mm Y axis=4000mm  
Z axis=1500mm
- ▶ **Romer Absolute Arm**  
Measuring Range 2.5m/8.2 ft.
- ▶ **Leica AT402 Laser Tracker**  
Measurement Range 320m/1050 ft.
- ▶ **Zeiss DB 1200 Coordinate Measuring Machine**  
Measuring Range X axis=60" Y axis=120"  
x Z axis=48"
- ▶ **Starrett RCS-4040-20 Coordinate Measuring Machine**  
Measuring Range X axis=40" x Y axis=40"  
x Z axis=24"
- ▶ **API Tracker 3 Ultra-Portable Laser Tracking System**  
Linear range 262'
- ▶ **InspectionXpert for PDF**  
Inspection reporting software
- ▶ **PC-Dimis CAD software**



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## Cad/Cam Systems

- ▶ AutoCAD, Inventor, Solid Works, Mastercam, Vericut, SpaceClaim

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## Controlled Environment Area

- ▶ 1,800 sqft ISO 7 controlled environment  
Class 1000 Laminar flow build table.  
Class 10,000 Controlled Environment

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## Testing

- ▶ Vacuum testing equipment for UHV pressure regime: roughing and turbo pumps, helium leak detectors and residual gas analyzers (RGAs)
- ▶ Hydrostatic testing/Pneumatic testing
- ▶ Dye Penetrant testing
- ▶ Weld Visual Testing CWI

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## Vacuum Oven

- ▶ T-M Vacuum Products Model H3004 Vacuum Oven
- ▶ Work Area: 29.5" d1a x 48.5"
- ▶ Rated Temperature: 800 degrees

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## Stress Relieving

- ▶ VSR 8000 Vibratory Stress Relief System

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## Material Cleaning

- ▶ UT Tanks:  
Branson Tank Model UP5424 - 125 Gallon Capacity,  
Blackstone - NEY GMC 3523 - 40 Gallon Capacity

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## Welding/Fabricating

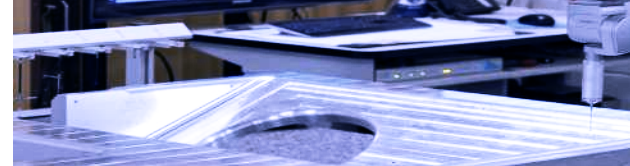
- ▶ ESAB Powercut 1500, Plasmarc cutting package
- ▶ Victor Plasma Dynamics 102 Cutmaster
- ▶ ESAB ES5500 Stud Welder
- ▶ Liburdi Dimetrics Centaur III 150 PTW-1 Orbital welding system
- ▶ Lincoln System 55 Automated Robotic welding cell  
(Lincoln 455M-STT/R450 Power Supply Head/ Tailstock Positioner, capacity = 60" dia x 108" lg, 5,500 lbs | Drop Center Positioner, capacity = 96" dia. X 36" lg, 3,800 lbs)
- ▶ (2) Miller Pipe Worx welding system, TIG, MIG, Pulsed MIG, RMD MIG, Stick
- ▶ (2) Miller Syncrowave 350LX, TIG, Pulsed TIG, Stick
- ▶ (1) Miller Dynasty 350, TIG, Pulsed TIG, Stick
- ▶ (2) Miller Dynasty 300DX, TIG, Stick
- ▶ Miller XMT 456, TIG, MIG, Pulsed MIG, Stick
- ▶ Miller Dimension 451, TIG, MIG, Stick
- ▶ Magnatech Pipe Master 510 Automatic Multi Pass TIG welding system w/ 420 D-weld head Pipe size 1-1/2"-14", Tube size 1.75" up to 5" od.2" radial clearance on 1.75 od and larger
- ▶ XR-Aluma-Pro™ 15 ft. water cooled push-pull-gun, XR™-S Control Wire Feeder
- ▶ (2) Miller Dynasty 700, AC and DC TIG, Stick Welding  
Liburdi PTW160C Portable welding system
- ▶ (2) Miller Dynasty 800, AC and DC TIG, Stick Welding

# Charlotte

60,000 sqft | 11905 Vanstory Dr., Huntersville, NC 28078

704-875-1605 | sales@kellertechnology.com

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## Packaging

- ▶ AmeriVacs vacuum sealer with Nitrogen purge, 25" long  
Travel of X axis=59" x Y axis=47" x Z axis=27",  
3,000 RPM

## Quality Assurance

- ▶ Brown and Sharpe Coordinate Measuring Machine  
Measuring Range X axis=35" Y axis=59"  
x Z axis=30"
- ▶ Brown and Sharpe Coordinate Measuring Machine  
Measuring Range X axis=25.6" Y axis=39.4"  
x Z axis=25.6"
- ▶ Brown and Sharpe Coordinate Measuring Machine  
Measuring Range X axis=16" Y axis=21"  
x Z axis=13"
- ▶ Kodak 14" Optical Comparator
- ▶ Rockwell Hardness Tester
- ▶ Mitutoyo SJ-201 Profilometer
- ▶ X-RITE RM-200 Imaging Spectrocolorimeter
- ▶ PC DMIS CAD++ Measuring Software

## CAD Systems

- ▶ SolidWorks / SolidWorks PDM  
AutoCAD Mechanical / AutoCAD Electrical

## Testing

- ▶ Vacuum testing equipment for UHV pressure regime: roughing and turbo pumps, helium leak detectors and residual gas analyzers (RGAs)

## Controlled Environment Area

- ▶ 3850 sqft of ISO 7 controlled environment
- ▶ ESCO Airstream Horizontal Laminar Flow Cabinet

## Material Cleaning

- ▶ Blackstone NEY Ultrasonic cleaning tank  
Interior dimensions 35"x23"x10"
- ▶ Safety-Kleen Aqueous Model 91 Parts Washer  
Interior dimensions 36"x20"x11"
- ▶ Trinco 48"W x 24"D x 23"H Dry Blaster

## 3D Printers

- ▶ (3) 3D Printers  
w/print volume dimensions up to  
280x280x250 (mm)



EST. 1918

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