



# Facilities 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 the contract manufacture of complex electro-mechanical machinery and automated systems as well as custom fabrications, vacuum chambers and process equipment. Keller delivers 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

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

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



Buffalo, New York  
716-693-3840



Charlotte, North Carolina  
704-875-1605

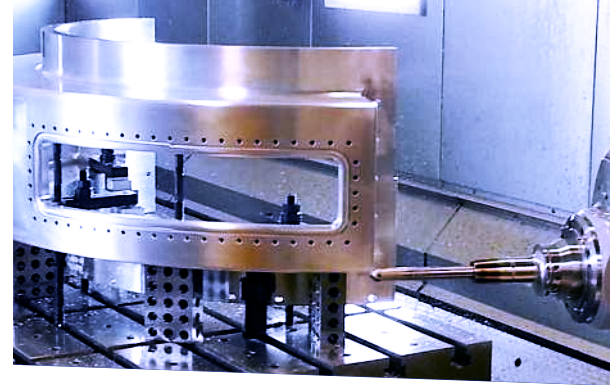
[sales@KellerTechnology.com](mailto:sales@KellerTechnology.com)

# 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: X =236", Y axis=118", Z axis=59"  
Max RPM = 20000, 120 Tool Magazine  
1 Pallet
- ▶ **Vision Wide FA-4127 CNC Bridge Machining Center**  
Travel: X =161", Y axis=106", Z axis=39"  
Max RPM = 12000, 120 Tool Magazine  
1 Pallet
- ▶ **DMG MORI DMC 210 U Machining Center**  
Travel: X =82", Y axis=82", Z axis=49"  
Max RPM = 12000, 303 Tool Magazine  
5 Pallets
- ▶ **DMG MORI DMC 210 U FD**  
Travel: X =82.6", Y axis=82.6", Z axis=49.2"  
Max RPM = 12000, 243 Tool Magazine  
2 Pallets
- ▶ **DMG MORI DMC 210 U RPSS**  
Travel: X =82.6", Y axis=82.6", Z axis=49.2"  
Max RPM = 16000, 243 Tool Magazine  
5 Pallets
- ▶ **DMG MORI DMC 160 U Micro Precision Dual Pallet (coming October 2024)**  
Travel: X =63", Y axis=63", Z axis=43.3"  
Max RPM = 12000, 243 Tool Magazine  
2 Pallets
- ▶ **DMG MORI DMC 160 RS6 Machining Center**  
Travel: X =62", Y axis=62", Z axis=43"  
Max RPM = 12000, 240 Tool Magazine  
6 Pallets
- ▶ **DMG MORI DMC 160 U Machining Center**  
Travel: X =62", Y axis=55", Z axis=43"  
Max RPM = 12000, 240 Tool Magazine  
2 Pallets
- ▶ **DMG MORI DMC 125 U duoBLOCK Machining Center**  
Travel: X =49", Y axis=49", Z axis=39"  
Max RPM = 12000, 123 Tool Magazine  
2 Pallets
- ▶ **DMG MORI DMC 125 P Machining Center**  
Travel: X =49", Y axis=34", Z axis=31"  
Max RPM = 10000, 30 Tool Magazine  
1 Pallet

## 4 Axis Machining Centers

- ▶ **Kuraki KBT-11Z CNC Horizontal Boring Mill**  
Travel: X =98", Y axis=70", Z axis=47"  
Max RPM = 3000
- ▶ **Kuraki KBM-11X CNC Horizontal Boring Mill**  
Travel: X =59", Y axis=47", Z axis=27"  
Max RPM = 3000
- ▶ **Mazak 250/50**  
Travel: X =60", Y axis=25", Z axis=25"  
Max RPM = 6000

## 3 Axis Machining Centers

- ▶ **Acer Milling Machine**  
Travel: X =36", Y axis=16", Z axis=24"  
Max RPM = 3000

## Lathes

- ▶ **Kingston HJ-1100 Lathe**  
17" turn dia. x 40" turn length  
Max RPM = 2000

## 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**



---

## Cad/Cam Systems

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

---

## Cleanrooms

- ▶ 2,100 sqft ISO 7 controlled environment
- ▶ Class 10,000 Controlled Environment

---

## 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

---

## Vacuum Oven

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

---

## Stress Relieving

- ▶ VSR 8000 Vibratory Stress Relief System

---

## Material Cleaning

- ▶ UT Tanks:  
Branson Tank Model UP5424 - 125 Gallon Capacity,  
Blackstone - NEY GMC 3523 - 40 Gallon Capacity
- ▶ Heated DI Water Power Washer

---

## Welding/Fabrication

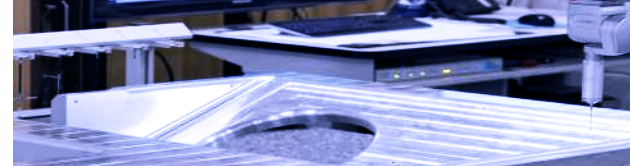
- ▶ ESAB Powercut 1500, Plasmarc cutting package
- ▶ Victor Plasma Dynamics 102 Cutmaster
- ▶ ESAB ES5500 Stud Welder
- ▶ Liburdi Dimetrics Centaur III 150 PTW-1 Orbital welding system
- ▶ Lincoln System 55 Automated Robotic welding cell  
(Lincoln 455M-STT/R450 Power Supply Head/ Tailstock Positioner, 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
- ▶ Submerged Arc (sub-arc) Welder

# Charlotte

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

704-875-1605 | sales@kellertechnology.com

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



## 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)

## Cleanrooms

- ▶ 2,100 sqft ISO 7 controlled environment
- ▶ ESCO Airstream Horizontal Laminar Flow Cabinets

## 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)



KELLER TECHNOLOGY CORPORATION

[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)