

# WE ARE YOUR MANUFACTURING PARTNER

CALTECH LINE CARD

## PRECISION MACHINING

### Vertical CNC Milling

- HAAS VR-11 (15K Spindle, 5th Axis Head, 120"X / 40"Y / 30"Z)
- HAAS VF-5TR (10K Spindle, 26" Travel Y-Axis, 4th Axis/ 5th Axis)
- HAAS VF-5 (10K Spindle, 26" Travel Y-Axis, 4th Axis/ 5th Axis)
- Hardinge V480 APC w/ Integral Pallet Changer (12K Spindle, 4th Axis)
- Akira-Seiki V2.5A-XP (12K Spindle, 4th Axis) NEW 2019
- Samsung MCV 400 (12K Spindle)
- HAAS Super Mini Mill (15K Spindle, 4th Axis)
- HAAS VF-1
- HAAS VF-2 (4th Axis)
- HAAS VF-OE (4th Axis)
- DOOSAN DVC500 W/ Integral Pallet Changer (10K Spindle)
- Super Max Max-1 Rebel

### Rotaries and Indexers

- HAAS TR210 5th Axis Trunnion
- HAAS HRT 210 4th Axis Rotary
- HAAS HA5C 4th Axis Indexer
- DetronGXA210S 4th Axis Rotary

### CNC Turning Centers

- Samsung SL2000 BSY (Sub-Spindle, Y-Axis milling) W/4' LNS Magazine Barfeed
- Samsung SL2500
- Doosan Lynx 220L W/ 4' Magazine Barfeed
- Takisawa TC-3

### CNC SWISS Machining

- STAR SR-32J W 12'LNS Magazine Barfeed
- STAR SR-20 W/ 12' LNS Barfeeder

## INSPECTION

- 14" Mitutoyo Optical Comparator
- 24" Mitutoyo Electronic Digital Height Gage
- Misc. Inspection Tools and Gauges
- 36" x 48" x 8" Thick Granite Inspection Plate

## TUBE LASER PROCESSING

- Trumpf TRULASER TUBE 3000 FIBER 3KW LASER w/ AUTOMATION (.375" Steel, .25" SS/ALUM, .188" Cu/Brass)

## SHEET AND PLATE LASER CUTTING AND FORMING

- Trumpf TRULASER 1030 FIBER 4KW Laser (1" steel, .75" SS/ALUM, .312" Cu/Brass)
- (2) Trumpf TRUBEND 2100- 10 ft, 110 Ton
- Toyokoki APB-284 Electric, 15", 31 Ton
- GADE PS-C 4120- 13', 132 Ton

## FABRICATION

### Welding TIG/MIG (All Carbon, SS, Alum, Alloys and Exotics) \*AWS D1.1 CERTIFIED WELDERS\*

- (1) Miller Syncrowave 350LX
- (1) Miller Syncrowave 300
- (2) Miller Syncrowave 200
- (1) Miller Diversion 165
- (1) Miller Millermatic 180
- (2) Miller Millermatic 251
- (4) Miller Millermatic 255P
- (1) Miller 350P w/ Aluma-Pro
- (3) Lincoln Square Wave 200

### Precision and Production Sawing

- Cosen AH-250H- Automatic Horizontal Band Saw
- Misc Band Saws, Chop Saws

## ASSEMBLY

- Turn-Key Assembly, Packaging and Fulfillment
- Kitting, Sub-assembly, Complete Builds
- Hardware Installation

## VALUED VENDORS

- Water Jet Cutting
- Forming/Stamping/Punching/Sawing
- Powder Coating/E-coat
- Anodizing/Plating/Heat Treat
- Blasting/Surface Finishing/Tumbling

## SOFTWARE

- Global Shop Solutions - ERP
- Solidworks 2021/ Solidworks 2021 Inspection
- Autodesk Fusion 360
- TruTops BOOST/Programming Tube