



# Manufacturing Capabilities

# Quality Without Compromise

Proponent has earned a remarkable record based on the premise of first-time quality and on-time delivery. Our state-of-the-art systems and equipment enhances more than a half-century of direct experience in developing innovative solutions to complex customer needs. We support prototype, tooling, and both low-volume and high-volume production quantities.



## Our Customer Service

- Transparent
- Offer Solutions
- Concurrent Engineering Support
- Expedite Services
- Quick Response

## Special Concentration

- Large-Part Precision Machining to 120"
- Complex Configuration Inspection
- Exotic Alloy Machining
- Internet Link to Customer Part Database
- Ship to Stock
- Global Sourcing of Components, Processes & Materials
- ITAR Process & Controls

## Capabilities

- Flat Pattern & Mold Extrusion Seals – Cutting & Bonding
- Water Jet Machining
- CNC Multi-Axis Machining, Horizontal and Vertical
- High-Speed Machining Software
- Interactive CAD/CMM Systems
- Turnkey Design, Fabrication, Finishing, Assembly
- Traceability, Certification, Testing
- Build-to-Print Machined & Assemblies Complete
- Raw Materials in Stock for Common Manufactured Gaskets to Shorten Lead Times
- Sinker EDM

## Quality Approvals / Certifications

- AS9100/ ISO9001 Certified



# Precision & Performance

## Preferred Supplier Status

- Registered with DLA (Defense Logistics Agency)
- Honeywell-Approved – Fabrication & Inspection Delegation

## Processing Convenience

- 100% Complete Build to Print Responsibility Acceptance
- Added value can be realized by our proximity to all processing facilities located in Southern California

## Technology

We consistently invest in the latest technology and equipment to assure the capabilities needed to meet the demands of the industry.

- State-of-the-Art ERP System
- Real-Time Tracking
- Design/Materials Assessment
- Turnkey Processing
- Assembly/Finishing to Final

## Equipment

### WATER JET

- (1) OMAX Waterjet, Work Area 48" X 96"

### CNC KNIFE

- (1) ATOM 3015, Work Area 120" X 61"

### MILLS

- (1) BRIDGEPORT, 12" X 42"



# Equipment & Technology

## CNC Milling Centers

- (1) VF-4 3 Axis / (2) VF-4 4 Axis
- (1) HAAS VF-6, (3) Axis Work Area 64" x 32"
- 4 Axis+1 Positional 10" Dia. Maximum Work Piece
- (1) HAAS EC-1600YZT, 4-Axis, Work Area 62" X 48"
- (1) HAAS VF-10, Work Area 118" X 28"
- (3) HAAS VF-4SS, Work Area 18" X 48"

## CNC Turning Centers

- (1) HAAS ST-10, 8" Maximum Turning Dia.
- (1) HAAS ST-20, 10" Maximum Turning Dia.
- (1) HAAS ST-30Y, 14" Maximum Turning Dia.
- (1) HAAS ST-30, 12" Maximum Turning Dia.
- (1) HAAS ST-40LBB, 20" Maximum Turning Dia.

## Sinker EDM Machines

- (4) MITSUBISHI EA12PSM, Work Area 15.75" X 11.81" X 11.81"
- Roku Roku HC-658 II Work Area 23.6 x 19.6 x 15.7
- (2) Work Partners, 160 Tool Magazine Capacity Per Work Partner Serving 3 Machines

## Inspection Equipment

- (1) MITUTOYO CMM B-231, Work Area 28" X 24" X 18"
- (1) MITUTOYO CMM BN715, Work Area 24" X 60" X 28"
- (2) Hexagon Absolute 85 Portable CMM, AS1 Laser Scanner. 9.7 ft Range
- (1) FARO Quantum S 8.2 ft Range
- (1) WILSON Hardness Machine "Rockwell" – A, B and C Scales
- (2) Precision Surface Plates from 36" to 60"
- (1) 14" Scherr – Tumico Optical Comparator
- (1) TESA 28" Electronic Height Gauge

## Software

