proponent

Manufacturing Capabilities

VERSION 6

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
- CMMC Level 2 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

Mastercam SOLIDWORKS VM VERISURF 3D Measurement Solutions shoptech MFG SYSTEM

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