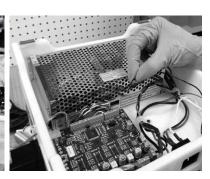


## **COMPANY**

Black Diamond Manufacturing (BDM), a WBENC certified Bishop-Wisecarver Group company, is a specialty contract manufacturer of custom complex electromechanical assemblies, providing a single source solution from design to full production resulting in lower overall costs. Services include prototyping, kitting, support machining, and full scale production with supply chain management.







### **SERVICES & CAPABILITIES**

- Custom complex mechanical sub-assemblies and fabrication
- Kitting and consignment inventory
- Manufacturing engineering and design
- Prototype to full production
- Machining support for sub-assemblies
- Purchase order consolidation through vendor management
- Dedicated floor space for project-based manufacturing
- Drop-shipping to end customers

# **MAJOR CUSTOMERS**

- 612 Authentic Media, LLC
- McClellan Automation Systems
- Other Machine Company
- ThermoFisher Scientific, Inc. / ThermoShandon Ltd.
- TYCO Electronics / TE Connectivity Ltd.

#### **QUALITY & COMPLIANCE**

- ISO 9100:2008 / EN 9100:2008 / JISQ 9100: 2008 Certified
- AS9100C Certified
- Certified Bay Area Green Business
- ITAR Registered & Compliant



# #2005121702

Black Diamond Manufacturing 755 Bliss Avenue Pittsburg, CA 94565 Phone 925.439.9160 Fax 925.439.5931 www.blackdiamondmfg.com info@blackdiamondmfg.com Twitter: @BDmfg

Shanghai Office No 218, Heng Feng Road, Room 1007 Shanghai 200070, China

Bill LeBeau Eastern Regional Sales Manager 401.871.3796 blebeau@bwc.com

Dan Passero Director of Sales, Distribution 925.597.1709 dpassero@bwc.com

David Drudge Southeast Regional Sales Manager 404.938.6773 ddrudge@bwc.com

Justin Schubert Northwest Territory Sales Manager 949.485-8028 jschubert@bwc.com

Rick Tkaczyk Vice President of Sales 925.597.3577 rtkaczyk@bwc.com

Steve Economos Western Regional Sales Manager 925.597.2760 seconomos@bwc.com

CAGE CODE: 6SXH8 **DUNS: 827484838** 

#### **TOP NAICS CODES SERVED**

332999 - All Other Miscellaneous Fabricated Metal

Product Manufacturing

336411 - Aircraft Manufacturing

333243-Paper Industry Machinery Manufacturing

333249-Textile Machinery Manufacturing

333244-Printing Machinery and Equipment Manufacturing

333241 - Food Product Machinery Manufacturing 333242 - Semiconductor Machinery Manufacturing

333249-All Other Industrial Machinery Manufacturing

333311 - Automatic Vending Machine Manufacturing

333512-Machine Tool Manufacturing

333514-Special Die/Tool, Fixture Manufacturing

333922 - Conveying Equipment Manufacturing 333992-Welding/Soldering Equip. Manufacturing

333993-Packaging Machinery Manufacturing

333999-Misc. Gen. Purpose Machinery Manufacturing



















# TECHNICAL CAPABILITIES

## **ASSEMBLY SERVICES**

- Up to 40k of available contract manufacturing production floor space
- Kitting and sub-assemblies to full turnkey solutions
- Quality traceability reports available
- Flexible, scalable workforce
- Single prototypes to thousands per month

#### **HORIZONTAL MILLING CENTERS**

- 4 axis
- Up to 120 tool magazine size
- Up to 17 pallets available
- Part size from .02" to 7'
- Accuracy to .0003"

#### **VERTICAL MILLING CENTERS**

- Up to 5 axis
- Up to 40 tool magazine size
- Up to 32 pallets available
- Part size from .02" to 12'
- Accuracy to .0003"

## **CNC/SWISS TURNING CENTERS**

- Part size from .025"-40" diameter
- Accuracy to .0002"

#### **FABRICATION**

- Sheet metal
- Waterjet from 72"x144" / laser cutting up to 60"x120"
- Welding
  - GMAW (Gas metal arc welding)
  - GTAW (Gas tungsten arc welding)
- Oxy-fuel welding/cutting

# **GRINDING**

- Blanchard grinding
- Centerless grinding
- Surface grinding
- Linear profile grinding (max length 4.5 m)
- Creep feed grinding
- Cylindrical and internal
- Polishing
- Honing



#### **HEAT TREATING**

- Through hardening
- Selective hardening
- Induction hardening
- Austempering
- Case hardening
- Carburizing
- Carbonitriding
- Annealing
- Stress-relieving
- Normalizing
- Cryotune

#### **FINISHING**

- Painting
- Anodizing
- Nickel plating
- Black oxide
- Zinc plating
- Powder coating
- Screen printing

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