



#2005121702

COMPANY

Black Diamond Manufacturing (BDM), a WBENC certified Bishop-Wisecarver Group company, is a specialty contract manufacturer of custom complex mechanical sub-assemblies, providing a single source solution from design to full production resulting in lower overall costs.



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

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

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
334511—Nautical System and Instrument Manufacturing
334516—Analytical Laboratory Instrument Manufacturing
336399—All Other Motor Vehicle Parts Manufacturing
339112—Surgical/Medical Instrument Manufacturing
811310—Commercial/Industrial Machinery/Equipment

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

QUALITY / COMPLIANCE

- ISO 9001
- AS 9100
- ITAR
- Certified Bay Area Green Business

MAJOR CUSTOMERS

- Thermo Fisher Scientific — Thermo Shandon Limited
- Tyco Electronics / TE Connectivity
- McClellan Automation





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 MILLING CENTER

- 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

- Thorough 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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