



#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**  
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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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