

BLAST ENVIRONMENTS

BLAST BOOTHS | DUST COLLECTION SYSTEMS



GLOBAL
FINISHING
SOLUTIONS

BLAST BOOTHS

Blast Booths from Global Finishing Solutions® (GFS) provide a safe, efficient environment for abrasive blasting, an alternative to chemical stripping. GFS Blast Booths are custom engineered and designed to meet your specific requirements.

FEATURES

- 11-gauge galvanized steel panels, rigidly reinforced with structural steel
- Panels are pre-punched and companion-flanged for easy assembly
- Six-tube fluorescent light fixtures with polycarbonate light lens
- Rear-hinged access on light fixtures for easy lamp replacement
- Blast shields for intake and exhaust vents prevent blast media from exiting the enclosure
- Door limit switches shut down air to blast equipment when booth doors or optional inside-access lights are opened
- Designed to comply with applicable NFPA and OSHA standards

OPTIONS

- 14- or 18-gauge steel panels
- Rubber roll-up doors
- Rubber liner (¼-inch thick) for walls and product doors for sound protection
- Dust collection systems
- Inside-access light fixtures with blast covers
- Crane openings



DUST COLLECTION SYSTEMS

GFS offers two options for recovering dust from blast operations. Dust Collection Modules may be integrated into the back wall of a Blast Booth, or High-Production Dust Collectors can be added to your facility.

DUST COLLECTION MODULES

Ideal for low- to moderate-production blast applications, Dust Collection Modules from GFS provide a safe, effective means for collecting dust. Dust Collection Modules are integrated into the back wall of GFS Blast Booths. With the help of a direct drive fan and motor, air is pulled into the module and through a cartridge filtration system. Dust is filtered, and clean air is exhausted back into the plant.



| Standard Model No. | Performance Data | | | | Specifications | | | | | Appx. Ship Weight (lbs) | Optional Deluxe Control Panel | |
|---|------------------|-------------|-----------------|-------|----------------|--------|--------|----------------------|------------------|-------------------------|-------------------------------|--|
| | Blower HP | No. Filters | Sq. Ft. Filters | SCFM | Width | Height | Depth* | Dust Stor. (cu. ft.) | Air-Filter Ratio | | | |
| Wood & Metals (not recommended for combustible metals) | | | | | | | | | | | | |
| DCM-4-SG | 5 | 9 | 1,719 | 5,120 | 4' | 8' 2" | 4' | 4.8 | 3.0:1 | 1,550 | SBCP-105 | |
| DCM-7-SG | 7.5 | 15 | 2,865 | 8,960 | 7' | 8' 2" | 4' | 8.4 | 3.1:1 | 2,400 | SBCP-107 | |
| Fiberglass, Laminates & Composites | | | | | | | | | | | | |
| DCM-4-CO | 5 | 9 | 1,719 | 5,120 | 4' | 8' 2" | 4' | 4.8 | 3.0:1 | 1,550 | SBCP-105 | |
| DCM-7-CO | 7.5 | 15 | 2,865 | 8,960 | 7' | 8' 2" | 4' | 8.4 | 3.1:1 | 2,400 | SBCP-107 | |

HIGH-PRODUCTION DUST COLLECTORS

Ideal for high-production blasting applications, GFS High-Production Dust Collectors filter very fine particles in large air volumes. Dust-laden air is pulled from the air inlet on the top of the unit, through horizontal filter cartridges and into the collection hopper below. An on-demand filter cleaning system keeps filters free of dust. Filter cartridges are easily accessed for service or replacement through small doors on the front of the collector module.



| Collector Model No. | Specifications | | | | |
|---------------------|----------------|---------|--------|-----------------------------|--------|
| | Width | Height | Depth | Number of Cartridge Filters | SCFM |
| HVC-4-2-1 | 9' 7" | 10' 7" | 8' 5" | 4 | 2,400 |
| HVC-8-2-2 | 11' | 12' 1" | 8' 5" | 8 | 4,800 |
| HVC-12-2-3 | 11' 3" | 13' 7" | 8' 5" | 12 | 7,200 |
| HVC-16-2-4 | 12' 1" | 15' 1" | 8' 5" | 16 | 9,600 |
| HVC-24-4-3 | 15' 2" | 14' 6" | 9' 4" | 24 | 14,400 |
| HVC-32-4-4 | 15' 11" | 16' | 9' 6" | 32 | 19,200 |
| HVC-36-6-3 | 19' 9" | 14' 10" | 9' 8" | 36 | 21,600 |
| HVC-48-6-4 | 20' 5" | 18' 7" | 10' 2" | 48 | 28,800 |
| HVC-60-10-3 | 26' 10" | 17' 2" | 9' 7" | 60 | 36,000 |
| HVC-72-12-3 | 30' 7" | 17' 7" | 10' 1" | 72 | 43,200 |
| HVC-80-10-4 | 28' 8" | 19' 10" | 11' 2" | 80 | 48,000 |

Dimensions are approximate. Contact GFS for exact dimensions.



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store.cetinc.com • (586) 210-0555

GLOBALFINISHING.COM

800-848-8738 • info@globalfinishing.com

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