



“THE BADGER” 8X20 CONTAINERIZED BLAST BOOTH

NSN: TBD

Re: Containerized Blast Booth, 8X20

OEM PN:

General Description: Blast booth will be a totally transportable adaptation of a weather-proof shipping container. Blast booth walls will be rubber lined for sound attenuation and to protect the surface. Also, the entire blast booth floor will be covered in ¼” steel plate to protect the surface. Equipment shall include a blast booth enclosure, abrasive reclaim system, integrated dust collection module, and control panel. Blast booth will be designed for a single operator.



Clean air is introduced into the booth through air inlet plenum field installed on top of the container at the front of the enclosure and is exhausted through blower exhaust at the rear of the booth. Air is pulled horizontally from the front of the booth through the working depth at an average velocity of 100 fpm. The intake and exhaust filter layout are designed for even air velocity throughout the working area of the booth.

Working Dimensions: 8' wide x 8' high x 15' deep

Approx. Overall Dimensions: 8.5' wide x 8.5' high x 21' deep

Weight: XXXXX lbs

Product Doors: Product Door included at one end (approximately 8'w x 8'h).

Ventilation: Blast booth is designed for end-to-end ventilation. Air shall flow from baffled intake plenum in ceiling at one end, through the working area and into cartridge filter modules at the opposite end of the booth. Ventilation rate is 100 feet per minute. Our cross flow high entry inlet is designed for optimized air and material distribution.





Light Fixtures: Four (4) purpose-built blast booth LED light fixtures are positioned at the eaves of the booth, angled at 45- degrees into the facility. Light fixtures and electrical shall be rated Class II, Division I for dust environments.

Abrasive Recovery System: Vaculift unit located above the blast machine recovers media from the floor hopper built into blast room when the blast cycle is complete. An air wash, powered by the powerful dust collection module, is used to separate dust and debris from clean abrasive, which is then returned to the blast pot. Heavy contaminants are caught in a screen while the air wash transports lighter dust to the dust collector.

Blast Machine: One (1) Blast Machine. Includes a 3.5 cu. ft. blast pot with 1-1/2" piping, 150 psi (10.3 bar) rated vessel with 90-degree cone bottom head, with pneumatic remote controls, Combo Valve, VBSII System, MV3, twin line control hose, G2 Deadman control, blast hose assembly and blast nozzle.

Dust Collection Module: One (1) dust collection cartridge filter module. Module includes: • Four (4) cartridge filters with reverse pulse cleaning:

- Dust recovery bin, intake louvers
- Exhaust fan and motor, 3phase, 230/460V, up to 4,000 CFM
- 3 pulsing air valves for cartridge filter cleaning • Louvered Doors

Control Panel: One (1) control panel shall be factory pre-wired and tested. Individual controls shall be sequentially interlocked to ensure proper start-up of each piece of equipment.

NOTE - Dust collection includes no explosion control, which may be required when used with potentially combustible dust. Customer assumes responsibility for contacting their insurance underwriter and advising regarding specific application requirements of explosion venting or if additional fire protection and safety equipment may be required. Customer is also cautioned to adhere to prescribed OSHA, NFPA, Federal, State and Local codes and regulations applicable to industrial ventilation systems, which apply dust collection equipment.



Veteran Equipment Sales:

CAGE: 7M9Y6
SDVOSB Entity
DUNS: 080240304
TAX ID: 47-4428359
SAM Registered