



CLEMCO
The Performance
System

TECHNICAL DATA SHEET

Note: For safe, efficient blasting, read and follow the owner's manual and seek training for everyone who will use this equipment.

Purpose

High-performance blast cleaning system removes corrosion, mill scale, and coatings from most surfaces. Produces a uniform surface texture, and creates a surface profile to increase bonding for coatings. See related literature for additional applications. Machine holds 6 cubic feet of abrasive for up to 30 minutes of continuous blasting at 100 psi with standard No. 6 nozzle (3/8-inch orifice).

Requirements for Operation

These items are required but not included with this equipment.

- Clean, dry, compressed air of sufficient volume to maintain desired pressure at the nozzle. See Air Consumption Chart in Blast Off 2 booklet.
- Minimum 30 psi needed to operate OSHA-required remote control valves
- Blast suit and work boots
- Abrasive blast media - consult abrasive supplier for appropriate media for your application
- Compressed air source capable of delivering 20 cfm (at 90 to 100 psi) of Grade D breathing-air as defined by the Compressed Gas Association
Commodity Specification: G-7.1
(www.cganet.com)

Description of Operation

The operator controls blasting from a remote control handle at the nozzle. Pressing the handle starts blasting, releasing it stops blasting. The blast machine contains abrasive and meters it into the compressed air stream.

Description

Field portable, high-production, single-chamber blast machine system, rated at 150 psi, for one operator. Holds 6 cubic feet of blast media. Equipped with Millennium pneumatic remote controls. Components listed on next page.



Contractor System 2006 CA with Apollo 600 HP Respirator

Stock No. 21549

6 cu ft Contractor Blast Machine with
CPF-20 Air Filter Installed



Contractor System Accessories
and Operator Safety Equipment

Advantages

- Rated for 150-psi maximum working pressure
- 1-1/2-inch Millennium valve provides unrestricted air flow
- Quantum metering valve maintains smooth, consistent flow; adjustment knob allows precise control of media flow
- 1-1/4-inch piping allows up to 50 percent increase in air flow, when compared to standard 1-inch piping
- 29-inch width fits through standard doorways with moisture separator removed
- CPF-20 breathing air filter, installed
- Four-wheel integral cart for ease of moving
- Robust handles act as skid for loading machine into pickup or trailer and protect valves and piping from damage
- Central hookup point for blast hose and remote controls
- High-efficiency moisture separator helps keep abrasive dry
- Weather-resistant storage area holds manuals, paperwork and small parts
- State-of-the-art NIOSH-approved respirator with DLX comfort-fit suspension.

Approvals and Certifications

Blast machine pressure vessel built to American Society of Mechanical Engineers (ASME) code for 150-psi working pressure. Vessel is hydrostatically tested and National Board certified.

Apollo 600 helmet is NIOSH-approved type-CE air fed respirator and is recognized by OSHA as having an assigned protection factor (APF) against lead dust of 1000 times the permissible exposure limit (PEL).

Remote control system complies with OSHA regulation 1910.244 (b).

NOTE: Prior to use, ensure that Apollo, type-CE, continuous-flow, supplied-air respirator is appropriate for your specific blasting conditions and requirements.

Description

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A detailed line drawing of a firefighter in full protective gear. The firefighter is wearing a helmet with a 'FLAME' logo (9), a large clear visor (13), and a hood. They are holding a nozzle (5) connected to a hose (12). A large air cylinder is mounted on their back (10), connected by a hose (15) to a regulator (16) on their shoulder. A belt with various tools is also visible (4). The diagram is used to identify specific parts of the firefighting equipment.

Packaging

Included with Stock No. 21549

(8)

(17)

(1)

Operator's manual area

(6)

(3)

(2)

(11)

(7)

(18)

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