

Clemco Blast Machine

Classic 1028

Description

Field-portable, light-duty, industrial, single-chamber blast machines rated at 125psi working pressure. Model 1028, holds 1/2 cubic foot of media (50lbs expendable, mineral abrasive). This unit is equipped with MSV abrasive metering valve.

Purpose

High-performance, versatile blast cleaning system removes contamination, 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. Model 1028 holds 1/2 cubic foot of abrasive providing 15 minutes of blasting at 80psi with a No. 3 (3/16") nozzle. This unit can operate with as little as 12cfm of air volume.

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. Refer to Air Consumption Chart in Blast Off 2 booklet .
- Minimum 12cfm at 50psi needed to close the pop-up valve and pressurize the blast machine.
- OSHA-required remote control system that interrupts blasting if operator should lose control of the nozzle when blast machine is pressurized.
- NIOSH-approved, type CE, supplied air respirator.
- Grade D breathing-air supply as defined by Compressed Gas Association Commodity Specification: G-7.1 (Refer to www.cganet.com).
- Abrasive blast media specifically marketed for abrasive blasting and appropriate for your application.
- Appropriate blast suit, work boots, hearing and eye protection.



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.

Advantages

- One-man portable industrial-quality blast machines manufactured to ASME code.
- Industrial-quality valves, piping and fittings designed to maximize air flow and minimize energy required to operate the system.
- MSV abrasive metering valve maintains smooth, consistent, adjustable media flow.
- 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) specifications for 125-psi working pressure. Vessel is hydrostatically tested and National Board-certified.

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

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Accessory Package

Complete accessory package

1/2" air filter w/manual drain

25ft. x 1/2" ID blast hose with CHE-1/2 aluminium nozzle holder and CQA-1/2 aluminium quick coupling

Blast hose safety cable

CT-4 blast nozzle

Blast machine screen

Leather gloves, 1 pair

Helmet outer lenses, pk of 25

CQG coupling gaskets, pk of 10

NW-1 nozzle washers, pk of 10

Outlet valve diaphragms (3 ea.)

Nylon tie (8 included) (ea.)

Options/Accessories

Steel blast machine cover, 10"

Carbon monoxide alarm, CMS-3 pkg.

Ambient Air Pump

CALIPSO, single operator

CAP-4, 4 operators w/frame with 2 wheel cart

Blast suit, heavy cotton/leather
S, M, L, XL, 2XL, 3XL

Blast suit, seasonal cotton/nylon
S, M, L, XL, 2XL, 3XL, 4XL

