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**Corrosion
Control
Equipment
and
Supplies**

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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, 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.

Model 2452 holds 6 cubic feet of abrasive providing 30 minutes of blasting at 100 psi with a No. 6 (3/8-inch) nozzle.

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 (publication stock no. 09294).
- Minimum of 50 psi is 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 manufactured 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.

Description

Yard-portable, heavy-duty, industrial, single-chamber blast machine rated at 150 psi working pressure. Model 2452 has 1-1/4 inch piping and holds 6 cubic feet of media (600 lbs expendable, mineral abrasive). This unit is equipped with FSV abrasive metering valve and remote controls. Complete system includes coupled hose, nozzle, supplied air respirator, and many accessories.

6 Cuft Classic Blast Machine Systems



Advantages

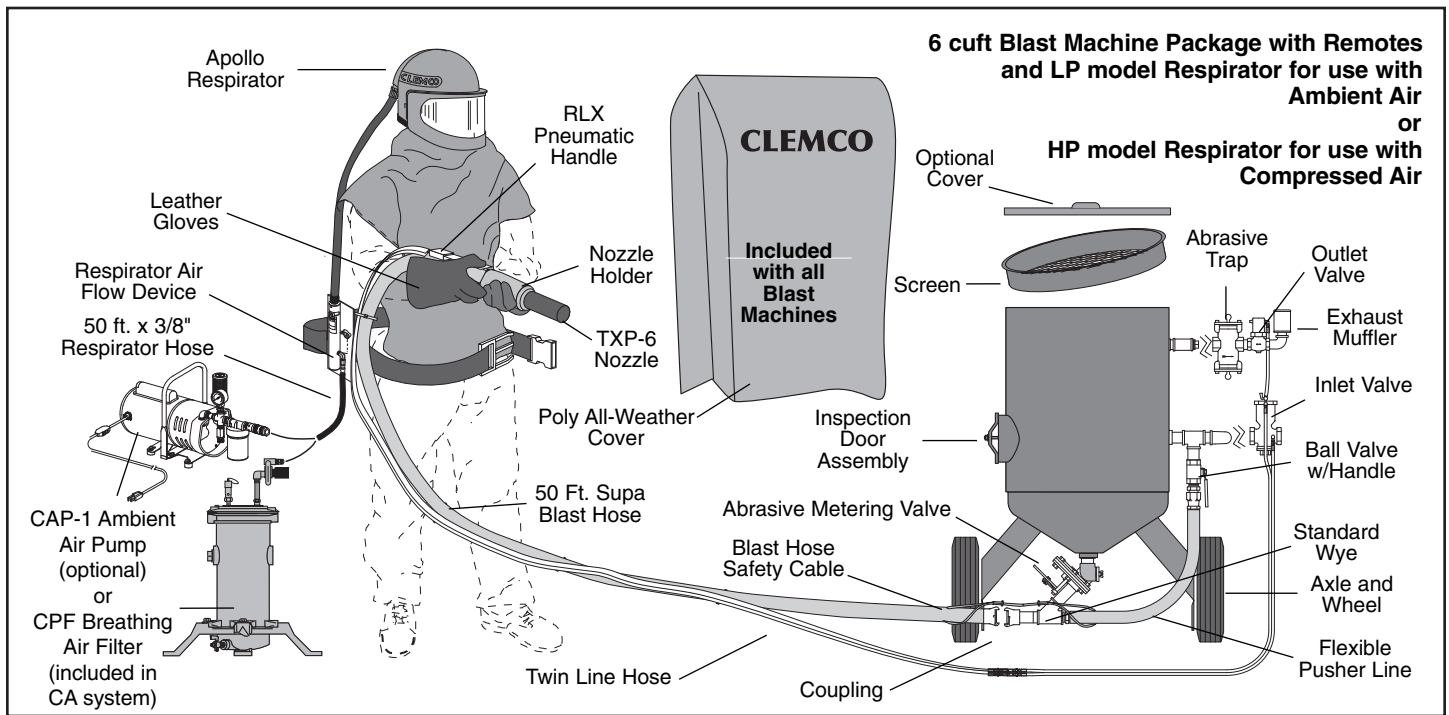
- Yard portable, industrial-quality blast machines manufactured to ASME code.
- 1-1/4-inch piping allows up to 50 percent more air flow when compared with 1-inch piping.
- Industrial-quality valves, piping and fittings designed to maximize air flow and minimize energy required to operate the system.
- FSV abrasive metering valve maintains smooth, consistent, adjustable media flow.
- State-of-the-art NIOSH-approved respirator with DLX comfort-fit suspension.

Approvals and Certifications

Clemco's quality management system is ISO 9001:2000 certified.

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

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



Model 2452: 6 cuft Blast Machine, Classic with 1-1/4" piping; 150 psi working pressure

| Item Description | Stock No. | Wt. |
|--|-----------|-----|
| Without remotes: | | |
| with FSV abrasive metering valve | | |
| portable | 01189 | 430 |
| stationary | 01190 | 430 |
| With TLR 300 remotes: | | |
| and FSV abrasive metering valve | | |
| portable | 01187 | 490 |
| stationary | 21073 | 490 |
| and Manual Quantum metering valve | | |
| portable | 23769 | 480 |
| and Sentinel abrasive metering valve with ACS (abrasive cut-off switch) | | |
| portable | 21068 | 500 |
| stationary | 21074 | 500 |

Systems

| | | |
|---|--------------|-----|
| 2452-300-CA | 00916 | 585 |
| Includes: 1-1/4" piping, Blast machine 01187, Apollo 600 HP DLX (for use with compressed air) respirator with Clem-Cool Air Conditioner (CCAC), 50 ft. respirator hose, CPF 20 Breathing-air filter and Accessory Package | | |
| 2452-ACS-CA | 23910 | 485 |
| Includes: 1-1/4" piping, Blast machine 21062, Apollo 600 HP DLX respirator with Clem-Cool Air Conditioner (CCAC), 50 ft. respirator hose, CPF 20 Breathing-air filter and Accessory Package | | |
| 2452-300-AA | 23895 | 585 |
| Includes: 1-1/4" piping, Blast machine 01187, Apollo 600 LP DLX (for use with ambient air) respirator with Constant Flow Connector (CFC), 50 ft. respirator hose, and Accessory Package. CAP ambient air pump is an option. | | |

| Item Description | Stock No. | Wt |
|--|-----------|-----|
| Accessory Package | | |
| 1-1/2" Air filter w/ manual drain | 22363 | |
| 50 ft. x 1-1/4" Supa hose w/ NHP-2 and CQPS-2 | 23481 | 42 |
| Blast hose safety cable | 15013 | 1.5 |
| TXP-6 nozzle | 23525 | 2 |
| Blast machine screen, 24" | 03100 | |
| Poly all-weather cover | 15143 | |
| Leather gloves, 1 pair | 02243 | .5 |
| Nylon ties, 8 ea. | 02195 | |
| CQGP-3 gaskets, pk of 10 | 08853 | .5 |
| NW-32 nozzle washers, pk of 10 | 91026 | <.5 |
| Abrasive trap screens, (6) | 02012 | <.5 |
| Helmet outer lenses, pk of 25 | 04361 | 1 |
| Options/Accessories | | |
| Blast machine cover, 24" | 02336 | 12 |
| Metering valve, manual Quantum | 22845 | 9 |
| Carbon monoxide alarm, CMS-2 | 22894 | 9 |
| Ambient Air Pumps | | |
| CAP-1, sgl operator | 22383 | 65 |
| CAP-4, 4 operators w/ frame | 22530 | 175 |
| CAP-4C, 4 operators w/ cart | 22384 | 205 |
| Blast suit, heavy cotton/leather | | |
| S (08920), M (08921), L (08922), XL (08923) XXL (24201), XXXL (24202) | | |
| Blast suit, seasonal cotton/nylon | | |
| S (22913), M (22914), L (22915), XL (22916), XXL (22917), XXXL (25022) | | |
| Manuals | | |
| Blast Machine without Remotes | 06160 | |
| Blast Machine with TLR300 Remotes | 22501 | |
| TLR300 with ACS | 21260 | |
| Sentinel Valve | 20951 | |

ISO 9001:2000 certified. Clemco is committed to continuous product improvement. Specifications are subject to change without notice.