

...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**

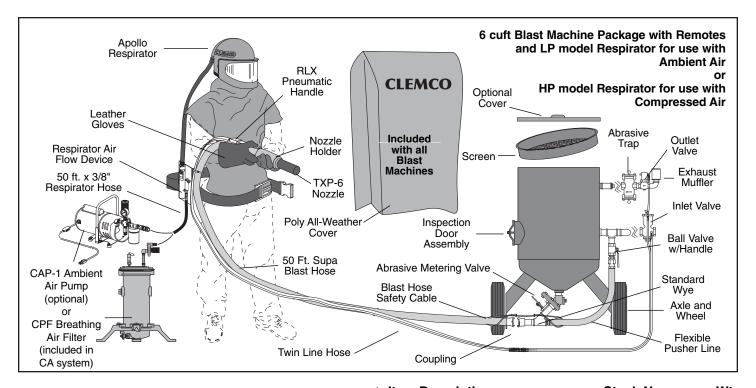
- Yard portable, industrial-quality blast machines manufactured to ASME code.
- 1-1/4-inch piping allows up to 50 percent more air flow when compared with 1-inch piping.
- Industrial-quality valves, piping and fittings designed to maximize air flow and minimize energy required to operate the system.
- 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			Item Description	Stock No.	Wt
with 1-1/4" piping; 150 psi working pressure			Accessory Package		
			1-1/2" Air filter w/ manual d		
Item Description	Stock No.	Wt.	50 ft. x 1-1/4" Supa hose w/ NHP-2		
Without remotes:			and CQPS-2		42
with FSV abrasive metering va	lve		Blast hose safety cable		1.5
portable		430	TXP-6 nozzle		2
stationary		430	Blast machine screen, 24"		
With TLR 300 remotes:			Poly all-weather cover		
and FSV abrasive metering val	ve		Leather gloves, 1 pair		.5
portable		490	Nylon ties, 8 ea		
stationary		490	CQGP-3 gaskets, pk of 10		.5
and Manual Quantum metering			NW-32 nozzle washers, pk		<.5
portable		480	Abrasive trap screens, (6)		<.5
and Sentinel abrasive metering	yalve		Helmet outer lenses, pk of	2504361	1
with ACS (abrasive cut-off sw			Options/Accessories		
portable		500	Blast machine cover, 24"	02336	12
stationary	21074	500	Metering valve, manual Qu		9
Systems			Carbon monoxide alarm, C		9
-			Ambient Air Pumps		·
<b>2452-300-CA</b>			CAP-1, sgl operator	22383	65
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			CAP-4, 4 operators w/ fra		175
			CAP-4C, 4 operators w/ c		205
			Blast suit, heavy cotton/lea		
			S (08920), M (08921), L (		
Package			XXL (24201), XXXL (2420		
2452-ACS-CA	23910	485	Blast suit, seasonal cotton/	nylon	
Includes: 1-1/4" piping, Blast machine 21062,			S (22913), M (22914), L (	22915), XL (22916),	
Apollo 600 HP DLX respirator	with Clem-Cool A	ir	XXL (22917), XXXL (2502	22)	
Conditioner (CCAC), 50 ft. res	pirator hose, CPF	20			
Breathing-air filter and Access	ory Package		Manuals		
<b>2452-300-AA23895</b> 585			Blast Machine without Rem	notes06160	
Includes: 1-1/4" piping, Blast m			Blast Machine with		
600 LP DLX (for use with ambient air) respirator with Constant Flow Connector (CFC), 50 ft. respirator hose,			TLR300 Remotes		
			TLR300 with ACS		
and Accessory Package. CAP ambient air pump is an			Sentinel Valve	20951	
option.					

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