

# CLEMCO®

★★★★  
MADE IN THE  
USA

T E C H N I C A L  
D A T A  
S H E E T

## 6-CUFT CLASSIC BLAST MACHINE SYSTEMS

**IMPORTANT:** For safe, efficient blasting, read and follow the operations manual and seek training for everyone who will use this equipment.



**Simple to operate  
and maintain.  
Rugged, reliable,  
and versatile.  
Loaded with  
standard features.  
A blast machine  
that works as hard  
as you.**

### OVERVIEW

Yard-portable, versatile blast machine that removes contamination, corrosion, mill scale, and coatings from most surfaces. It produces a uniform surface texture and creates a surface profile to increase bonding for coatings.

### CAPACITY

- Holds 6 cuft of media; 600 lbs of expendable mineral abrasive.

### 1.25" PIPING

- Provides about 30 minutes of blasting at 100 psi with a No. 6 nozzle.
- Supplies up to 50% more air flow than 1" piping.

### PRESSURE VESSEL

- Heavy-gauge vessel meets ASME specifications for 150-psi working pressure.

- Hydrostatically tested and National Board certified.
- Semi-elliptical head provides larger abrasive storage.
- Conical 35° bottom for uninterrupted abrasive flow and complete emptying.
- Large 6" x 8" inspection doors eases access to vessel interior.

### FSV METERING VALVE

- Smooth, consistent, adjustable media flow.
- Abrasive flows at a 45° angle; eliminates premature wear found in 90° valves.

### TLR REMOTE CONTROLS

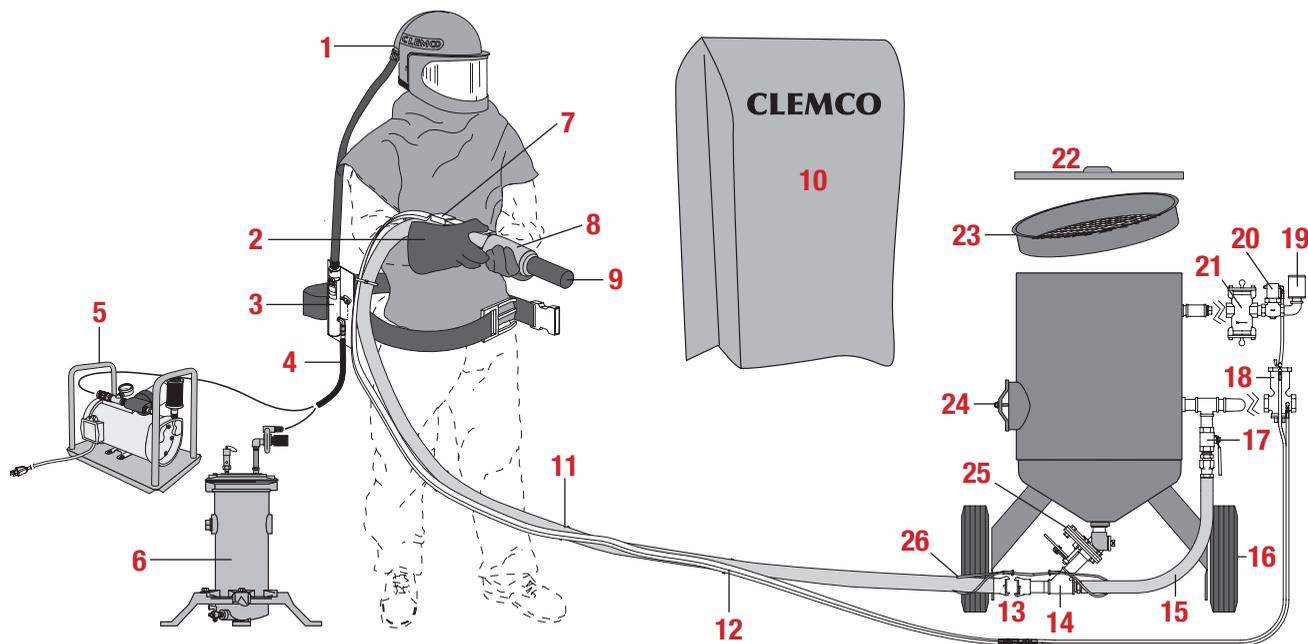
- Fast, safe pressure-release remotes with solid brass valves for years of dependability.
- Complies with OSHA regulation 1910.244 (b).

### POP-UP VALVE

- Urethane-coated with external pressure sleeve for long life and fast pressurization.
- Optional valve umbrella relieves load pressure when hopper is in place.

### OTHER COMPONENTS

- Industrial-quality valves, piping, and fittings maximize airflow and minimize energy usage.
- Chrome-plated, forged-brass ball valve with brass body increases durability.
- Flexible pusher line promotes air flow without pressure loss caused by elbows and the hose flexibility eases valve replacement.
- Self-cleaning exhaust muffler greatly reduces bleed-off noise.



### 6-cuft Blast Machine with Remotes and an HP Respirator or LP Respirator

#### MODEL 2452: 6-CUFT BLAST MACHINE WITH 1.25" PIPING AND 150 PSI

Description	Stock#	Wt.
• Without remotes: with FSV abrasive metering valve.....	01189	430
• With TLR 300 remotes: and FSV abrasive metering valve.....	01187	490
and Manual Quantum abrasive metering valve .....	23769	480
and Auto Quantum abrasive metering valve with ACS.....	21068	500

#### SYSTEMS

<b>2452-300-CA</b> .....	00916	553
Includes: 1.25" piping, Blast machine 01187, Apollo 600 HP DLX (for use with compressed air) respirator with Clem-Cool Air Conditioner (CCAC), 50' respirator hose, CPF 20 Breathing-air filter and Accessory Package		
<b>2452-ACS-CA</b> .....	23910	558
Includes: 1.25" piping, Blast machine 21062, Apollo 600 HP DLX respirator with Clem-Cool Air Conditioner (CCAC), 50' respirator hose, CPF 20 Breathing-air filter and Accessory Package		
<b>2452-300-AA</b> .....	23895	585
Includes: 1.25" piping, Blast machine 01187,		

Apollo 600 LP DLX (for use with ambient air) respirator with Constant Flow Connector (CFC), 50' respirator hose, and Accessory Package. CAP ambient air pump is an option.

#### ACCESSORY PACKAGE

• Complete accessory package ...	22553	
• 1.5" Air filter w/manual drain ....	22363	8
• 50' x 1.25" 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	10
• Poly all-weather cover.....	15143	3
• Leather gloves, 1 pair .....	02243	.5
• Nylon ties, 8 each.....	02195	<.5
• CQGP-3 gaskets, 10 pk .....	08853	.5
• NW-32 nozzle washers, 10 pk...	91026	<.5
• Abrasive trap screens, (6) .....	02012	<.5
• Helmet outer lenses, 25 pk .....	04361	1

#### OPTIONS/ACCESSORIES

• Blast machine cover, 24" .....	02336	12
• Manual Quantum abrasive metering valve .....	22845	9
• Carbon monoxide alarm, CMS-4 pkg.....	29765	4
• Ambient Air Pumps		
-CALIPSO, sgl operator.....	25908	73
-CAP-4, 4 operators w/frame ....	22530	175
-CAP-4C, 4 operators w/cart .....	22384	205

#### DIAGRAM KEY

1. Apollo Respirator
  2. Leather Gloves
  3. Respirator Air Flow Device
  4. 50' x 3/8" Respirator Hose
  5. CALIPSO Ambient Air pump
  6. CPF Breathing Air Filter
  7. RLX Pneumatic Handle
  8. Nozzle Holder
  9. TXP-6 Nozzle
  10. Poly All-Weather Cover
  11. 50' Supa Blast Hose
  12. Twinline Hose
  13. Coupling
  14. Standard Wye
  15. Flexible Pusher Line
  16. Axle and Wheel
  17. Ball Valve Handle
  18. Inlet Valve
  19. Exhaust Muffler
  20. Outlet Valve
  21. Abrasive Trap
  22. Optional Cover
  23. Screen
  24. Inspection Door Assembly
  25. Abrasive Metering Valve
  26. Blast Hose Safety Cable
- Conversion kit:  
Portable machine  
to stationary ..... 30073



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