



BIG CLEMS—BULK ABRASIVE BLAST MACHINES

LESS TIME REFILLING, MORE TIME BLASTING. 60, 120, AND 160-CUFT SIZES.

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



**160-cuft
Highway-Towable
Big Clem**

Supersized blast machines with independently operated stations. Stationary, yard-towable, and highway-towable models.

OVERVIEW

Clemco Bulk Blast Machines are supersized versions of our Classic Blast Machines. We call them Big Clems and manufacture them in 60-cuft, 120-cuft, and 160-cuft sizes. These machines handle large amounts of abrasive loaded at one time—and less time refilling means more time blasting. All Big Clems are equipped with two operator stations, and the 120-cuft and 160-cuft models can optionally be fitted with three or four stations. Each operator station has a pneumatic (optional electric) pressure-hold remote control, which enables operators to independently start and

stop. Big Clems blast with most media—expendable mineral, slag abrasives, steel grit, and more. In addition, they come in stationary, yard-towable, and highway-towable designs, and all are equipped with 1.5” piping and 150-psi working pressure.

PRESSURE-HOLD REMOTE CONTROLS

- Enable operators to independently start and stop blasting.
- Pneumatic standard; optional electric.
- Abrasive cutoff system (ACS) allows work surface blow-off and clearing of blast hose.
- Fail-to-safe, normally closed design. Requires compressed air to open.

AUTOMATIC POP-UP FILLING VALVE

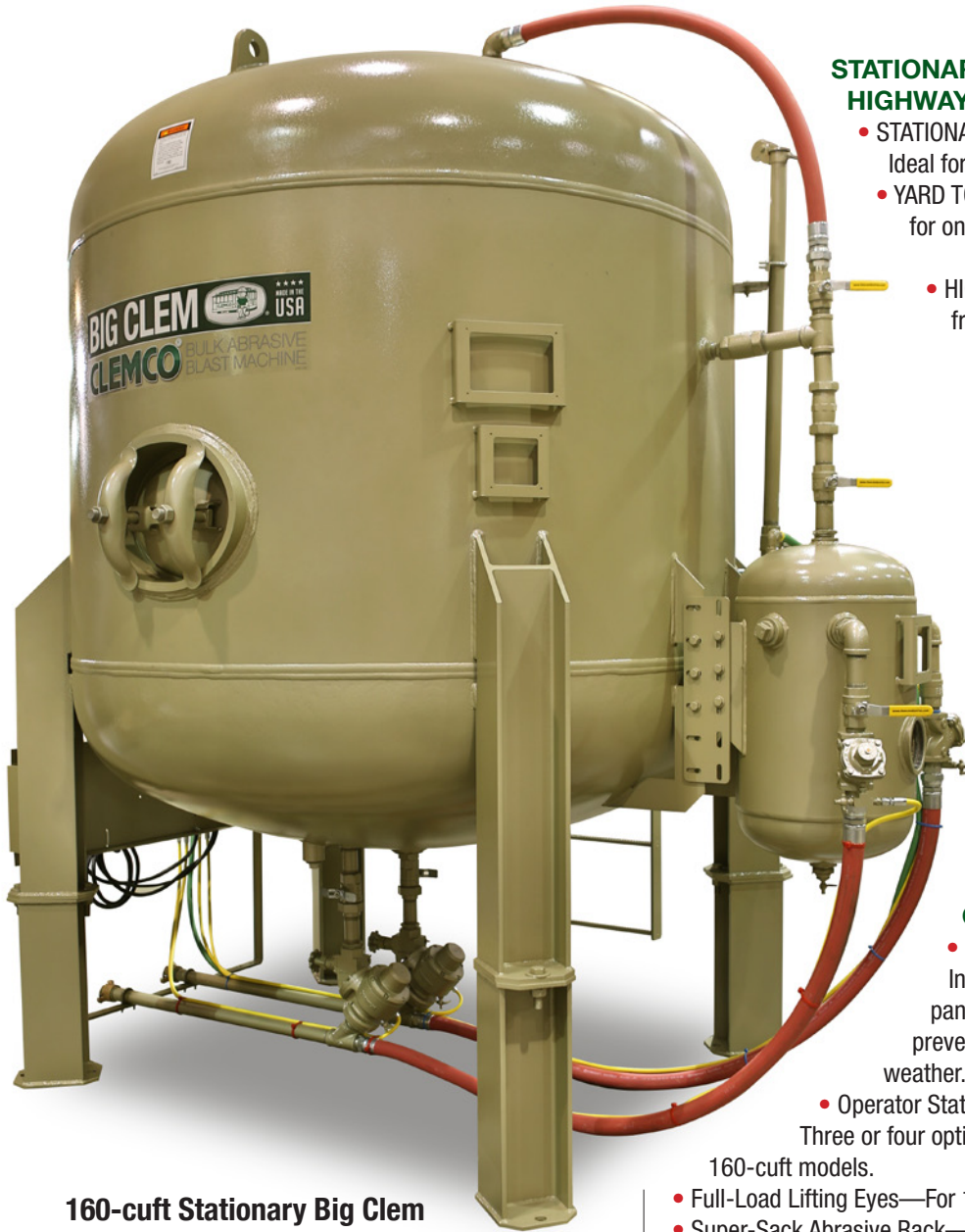
- Comes with a debris screen and a swing-open rain cap.
- Ladder allows easy access to pop-up valve for adding abrasive.
- Cannot be opened while machine is under pressure.
- Safest option on the market—eliminates the potential for injury on units with camlock closures.

INTEGRAL 1,600 CFM MOISTURE SEPARATOR AND AIR MANIFOLD

- Eliminates restrictions that cause airflow loss.
- Supports up to four No. 8 nozzles.
- Provides equal amounts of moisture-free air to each operator. Moisture is a naturally occurring byproduct of compressed air.

OTHER STANDARD FEATURES

- 150-psi working pressure.
- 1.5” piping.



160-cuft Stationary Big Clem

STATIONARY, YARD-TOWABLE, OR HIGHWAY-TOWABLE MODELS

- **STATIONARY**— For fixed installation. Ideal for industrial applications.
- **YARD TOWABLE**— Increased mobility for onsite transfers
- **HIGHWAY TOWABLE**—Transport from job site to job site.
 - Approved for highway use at maximum speed of 45 mph.
 - Equipped with four-wheel electric brakes and emergency breakaway switch, as well as high-visibility tail lights, brake lights, and turn signals.
- **BOTH TOWABLE MODELS**
 - Torsion spring suspension provides strength beyond load capacity.
 - Rugged trailer assembly negotiates rough terrain.

OPTIONAL UPGRADES

- **Electric Remote Controls**— Includes weatherproof control panel and antifreeze injector to prevent remotes from freezing in cold weather.
- **Operator Stations**—Two stations standard. Three or four optional on 120-cuft and 160-cuft models.
- **Full-Load Lifting Eyes**—For 160-cuft model only.
- **Super-Sack Abrasive Rack**—Simplifies and speeds abrasive refilling.

- Blasts with most media—expendable mineral, slag abrasives, steel grit, and more.
- 2:1 semi-elliptical head provides more abrasive storage for maximum abrasive capacity.
- Flexible pusher lines and ball valves simplify air valve and metering valve maintenance.
- Clearance below vessel provides accessibility for valve maintenance.
- Large 12" x 16" manway permits access to pressure vessel chamber for maintenance.
- Vertically adjustable, bolt-on hitch.
- Hose support bracket for convenient blast hose storage.
- Lifting eyes mounted on the vessel ease transport. For use when machine has an empty pressure vessel.

ORDERING INFORMATION

Description (2 outlets standard)	Stationary	Yard Portable	Highway Towable
60 cuft (3 ton capacity, 48" diameter)			
• With pneumatic remotes	#28724	#28725	#28726
• With 12V electric remotes	#28727	#28728	#28729
• Weight (lbs)	2,200	3,400	3,800
120 cuft (6 ton capacity, 60" diameter)			
• With pneumatic remotes	#28730	#28731	#28732
• With 12V electric remotes	#28733	#28734	#28735
• Weight (lbs)	3,200	4,400	4,900
160 cuft (8 ton capacity, 72" diameter)			
• With pneumatic remotes	#28736	#28737	#28738
• With 12V electric remotes	#28739	#28740	#28741
• Weight (lbs)	4,200	5,700	6,600

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