

Power & Performance



clemco
BLAST MACHINE LINEUP



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Industrial Power. Portable Performance.



**Engineered
for reliable,
high-performance
surface
preparation
in field,
maintenance,
and industrial
blasting
applications.**

Clemco abrasive blast machines are engineered to deliver reliable, high-performance surface preparation across a wide range of industrial applications. Built with durable pressure vessels, precision abrasive metering systems, and configurable piping and control options, these machines provide consistent abrasive flow and dependable operation in demanding environments. Available in multiple capacities and portable or stationary configurations, Clemco blast machines can be matched to virtually any production requirement, from field maintenance and coating removal to large-scale fabrication and manufacturing.

Designed to maximize productivity, safety, and operational efficiency, Clemco abrasive blast machines help operators achieve consistent surface profiles while minimizing abrasive waste and downtime. Remote-control operation enhances operator safety by allowing blasting to start and stop at the nozzle, while rugged construction ensures long service life in harsh working conditions. Whether preparing structural steel, pipelines, marine vessels, industrial equipment, or critical infrastructure, Clemco blast machines deliver the performance, reliability, and quality professionals depend on to achieve superior surface preparation results.

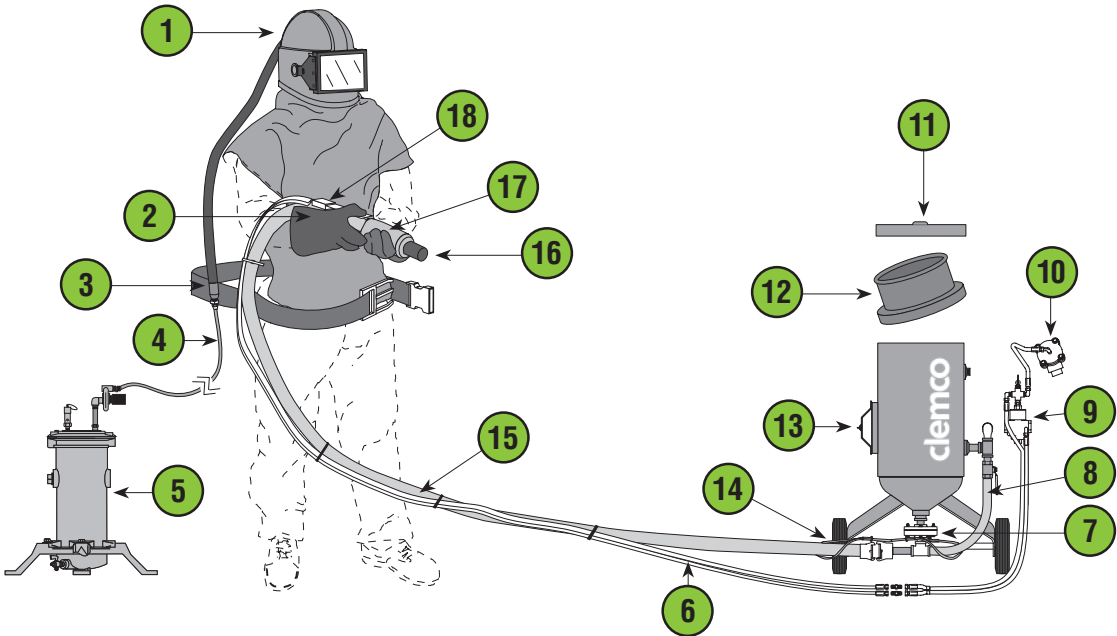
.5 cubic foot Classic Blast Machine



Power, Control, and Portability

- 1/2 cubic foot capacity holds enough abrasive for approximately 15 minutes of continuous blasting, reducing refill frequency on smaller jobs.
- Compact, portable design is ideal for maintenance, repair, and field service applications where mobility is essential.
- Low air consumption allows operation with smaller air compressors, increasing flexibility at remote job sites.
- Remote-control operation improves operator safety, increases productivity, and provides greater blasting control.
- Heavy-duty construction delivers reliable performance, long service life, and dependable operation.

Parts Breakdown



Packages				
Pressure Release				
Packages	Description	Valves	Respirator	P/Ns
Essentials	Pot, Valve & Remote Control	MQV		21051
Plus	Essentials Package plus: Nozzle, Hose, Coupling and Nozzle Holder	MQV		33293
Elite	Plus Package + PPE	MQV	Apollo 20	00908

Part Description	Stock No.	Essentials	Plus	Elite
25ft X 1/2" ID Blast Hose, Coupled	01268		✓	✓
CHE-1/2 Aluminum Nozzle Holder (Included in 01268)	00577		✓	✓
CQA-1/2 Aluminum Quick Coupling (Included in 01268)	00599		✓	✓
Blast Hose Safety Cable	15012		✓	✓
1/2" Air Filter with Manual Drain	01308		✓	✓
CT-4 Blast Nozzle	01353		✓	✓
Blast Machine Screen (Optional Steel Cover)	03362		✓	✓
Optional Steel Cover (for Blast Machine Screen)	03107			
Nylon Tie (8 Included with System)	02195 (each)		✓	✓
Apollo 20 HP DLX Helmet with Constant Flow Connector	20975			✓
25ft Respirator Hose	04397			✓
CPF-20 Breathing Air Filter	03578			✓
One Pair Leather Gloves	02243			✓
One 25-pack Apollo 20 Outer Lens	21411			✓
One 10-pack Quick Coupling Gaskets	00850		✓	✓
One 10-pack Nozzle Washers	21580		✓	✓
Outlet Valve Diaphragms (3 Included with System)	02511 (each)		✓	✓
Pressure Release				
Manual Quantum Valve Pro (MQV-Pro) 1/2" NPT	31716	✓	✓	✓
TLR-50 Remote Controls (Includes 10565 RLX Handle)	02518	✓	✓	✓
• Valve, 1/2" Inlet (Included in 02518)	02164	✓	✓	✓
• Valve, 1/2" Diaphragm Outlet (Included in 02518)	02512	✓	✓	✓
• Hose, Twinline Coupled 25ft (Included in 02518)	02128	✓	✓	✓

- Parts Key**
1. Apollo HP Respirator
 2. Leather Gloves
 3. Constant Flow Connector
 4. Respirator Hose
 5. CPF-20 Breathing Air Filter
 6. Twin Line Hose
 7. Abrasive Metering Valve
 8. Flexible Pusher Line
 9. Inlet Valve
 10. Outlet Valve
 11. Optional Cover
 12. Screen
 13. Inspection Door Assembly
 14. Blast Hose Safety Cable
 15. Blast Hose
 16. Blast Nozzle
 17. Nozzle Holder
 18. RLX Pneumatic Handle

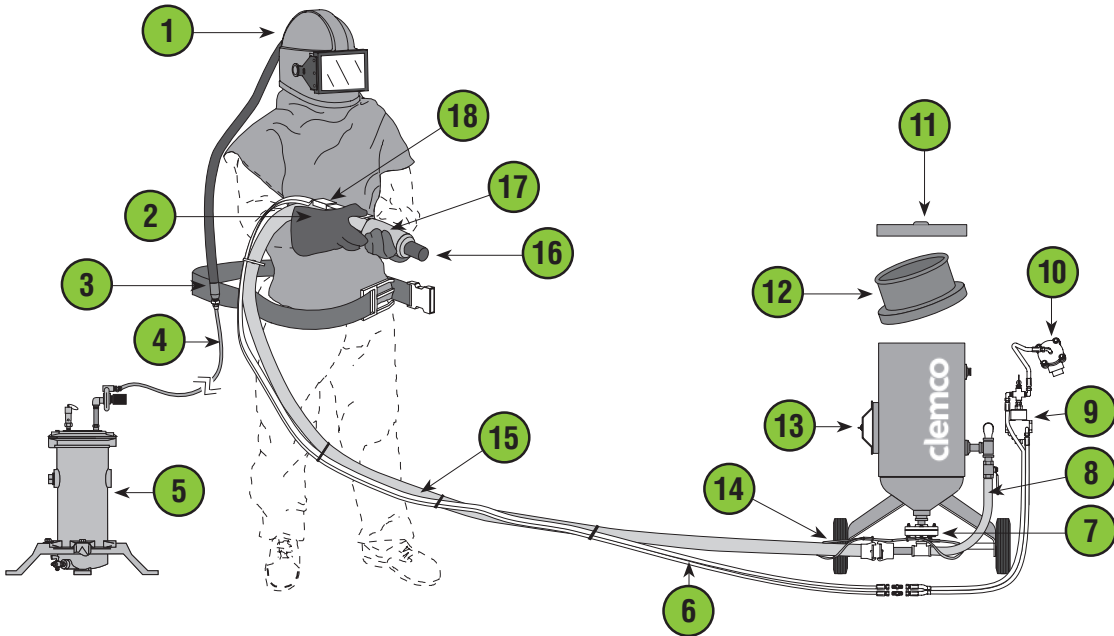
1 cubic foot Classic Blast Machine



Engineered for Demanding Blasting Applications

- 1 cubic foot capacity holds approximately 100 lb of abrasive, increasing blasting time and reducing refill frequency.
- Portable contractor design combines easy mobility with enough capacity for maintenance, fabrication, and field service work.
- Remote-control operation allows the operator to start and stop blasting at the nozzle for improved safety and productivity.
- Heavy-duty pressure vessel and precision metering valve provide consistent abrasive flow, dependable performance, and long service life in demanding industrial applications.

Parts Breakdown



Packages				
Pressure Release				
Packages	Description	Valves	Respirator	P/Ns
Essentials	Pot, Valve & Remote Control	MQV		21053
Plus	Essentials Package plus: Nozzle, Hose, Coupling and Nozzle Holder	MQV		33292
Elite	Plus Package + PPE	MQV	Apollo 20	01039

Part Description	Stock No.	Essentials	Plus	Elite
25ft X 1/2" ID Blast Hose, Coupled	01268		✓	✓
CHE-1/2 Aluminum Nozzle Holder (Included in 01268)	00577		✓	✓
CQA-1/2 Aluminum Quick Coupling (Included in 01268)	00599		✓	✓
Blast Hose Safety Cable	15012		✓	✓
1/2" Air Filter with Manual Drain	01308		✓	✓
CT-4 Blast Nozzle	01353		✓	✓
Blast Machine Screen (Optional Steel Cover)	03362		✓	✓
Optional Steel Cover (for Blast Machine Screen)	03107			
Nylon Tie (Eight Included with System)	02195 (each)		✓	✓
Apollo 20 HP DLX Helmet with Constant Flow Connector	20975			✓
25ft Respirator Hose	04397			✓
CPF-20 Breathing Air Filter	03578			✓
One Pair Leather Gloves	02243			✓
One 25-pack Apollo 20 Outer Lens	21411			✓
One 10-pack Quick Coupling Gaskets	00850		✓	✓
One 10-pack Nozzle Washers	21580		✓	✓
Outlet Valve Diaphragms (Three Included with System)	02511 (each)		✓	✓
Pressure Release				
Manual Quantum Valve Pro (MQV-Pro) 1/2" NPT	31716	✓	✓	✓
TLR-50 Remote Controls (Includes 10565 RLX handle)	02518	✓	✓	✓
• Valve, 1/2" Inlet (Included in 02518)	02164	✓	✓	✓
• Valve, 1/2" Diaphragm Outlet (Included in 02518)	02512	✓	✓	✓
• Hose, Twinline Coupled 25ft (Included in 02518)	02128	✓	✓	✓

- Parts Key**
1. Apollo HP Respirator
 2. Leather Gloves
 3. Constant Flow Connector
 4. Respirator Hose
 5. CPF-20 Breathing Air Filter
 6. Twin Line Hose
 7. Abrasive Metering Valve
 8. Flexible Pusher Line
 9. Inlet Valve
 10. Outlet Valve
 11. Optional Cover
 12. Screen
 13. Inspection Door Assembly
 14. Blast Hose Safety Cable
 15. Blast Hose
 16. Blast Nozzle
 17. Nozzle Holder
 18. RLX Pneumatic Handle

3 cubic foot Classic Blast Machine



Built to Tackle Challenging Surface Preparation

- 3 cubic foot capacity holds approximately 300 lb of abrasive, allowing longer blasting time between refills.
- Portable contractor design provides the ideal balance of mobility and capacity for medium to large field projects.
- Heavy-duty pressure vessel is engineered for demanding industrial surface preparation, maintenance, and coating removal applications.
- Remote-control operation lets the operator start and stop blasting at the nozzle, improving safety and productivity.
- Adjustable abrasive metering valve provides precise media flow control to reduce abrasive consumption and optimize blasting performance.
- Rugged industrial construction delivers dependable performance, long service life, and consistent results in challenging work environments.
- High-flow piping and durable components help maintain consistent blast pressure for efficient cleaning and surface preparation.
- Large-capacity design helps minimize refill downtime, keeping crews productive on demanding jobs and extended blasting projects.

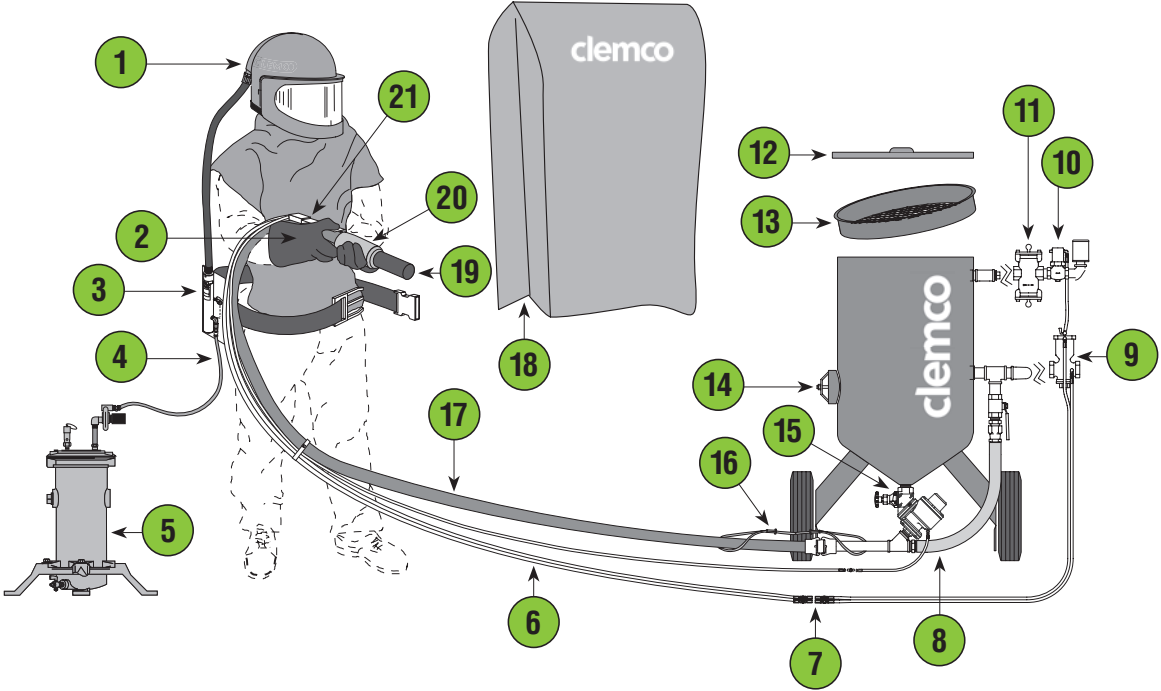
Packages				
Pressure Release				
Packages	Description	Valves	Respirator	P/Ns
Essentials	Pot, Valve & Remote Control	FSV MQV		01179 23767
Plus	Essentials Package plus: Nozzle, Hose, Coupling and Nozzle Holder	MQV		33291
Elite	Plus Package + PPE	FSV MQV	Apollo 600 HP	11260 28219

Pressure Hold				
Packages	Description	Valves	Respirator	P/Ns
Essentials	Pot, Valve & Remote Control	AQV PQV		21062 31024
Elite	Essentials Package: Nozzle, Hose, Coupling, Nozzle Holder & PPE	AQV	Apollo 600 HP	23909

Part Description	Stock No.	Essentials				Plus	Elite		
		01179	23767	21062	31024	33291	23909	11260	28219
50 ft. × 1-1/4" ID Blast Hose, Coupled	23481					✓	✓	✓	✓
NHP-2 Nylon Nozzle Holder	04127					✓	✓	✓	✓
CQPS-2 Nylon Quick Coupling	08413					✓	✓	✓	✓
Blast Hose Safety Cable	15013					✓	✓	✓	✓
1-1/2" Air Filter with Manual Drain	22363					✓	✓	✓	✓
TXP-6 Blast Nozzle	23525					✓	✓	✓	✓
Blast Machine Screen	03099					✓	✓	✓	✓
Optional Steel Cover (for Blast Machine Screen)	02335								
Poly All-Weather Cover	15097	✓	✓	✓	✓	✓	✓	✓	✓
Nylon Tie	02195					✓	✓	✓	✓
Apollo 600 HP DLX Helmet with Clem-Cool	25194						✓	✓	✓
50 ft Respirator Hose, Coupled	04415						✓	✓	✓
CPF-20 Breathing Air Filter with Regulator	03578						✓	✓	✓
One Pair Leather Gloves	02243						✓	✓	✓
25-Pack Helmet Outer Lens	04361						✓	✓	✓
5-Pack Apollo 600 Intermediate Lenses	24943						✓	✓	✓
10-Pack Quick Coupling Gaskets	08853					✓	✓	✓	✓
10-Pack Quick Coupling Gaskets	00850					✓	✓	✓	✓
10-Pack Nozzle Washers	91026					✓	✓	✓	✓
Abrasive Trap Screen	02012					✓	✓	✓	✓
Moisture Separator 1-1/2 MD (included in 22363)	24738					✓	✓	✓	✓
Muffler, Blast Machine Exhauster	05068	✓	✓	✓	✓	✓	✓	✓	✓
ACE Air Valve	24044				✓				
Pressure Release									
Flat Sand Valve (FSV)	02427	✓						✓	
Manual Quantum Valve Pro (MQV-Pro)	31607		✓			✓			✓
TLR-300 Remote Controls (Includes 10565 RLX handle)	01936	✓	✓			✓		✓	✓
• Hose, Twinline Coupled 50 ft (Included in 01936)	01951	✓	✓		✓	✓		✓	✓
• Valve, 1" Outlet, Piston-type (Included in 01936)	01967	✓	✓			✓		✓	✓
• Valve, 1-1/2" Inlet (Included in 01936)	01995	✓	✓			✓		✓	✓
• Abrasive Trap, 1" (Included in 01936)	02011	✓	✓	✓		✓	✓	✓	✓
Pressure Hold									
Auto Quantum Metering Valve (AQV)*	24447			✓			✓		
Pneumatic Quantum Metering Valve (PQV)	32120				✓				
Valve, 1" Outlet, Piston-type	01967			✓			✓		
Valve, 1-1/2" inlet	01995			✓			✓		
RLX Remote Control Handle Assembly with ACS, Pneumatic	07625			✓	✓		✓		

*AQV is designed for use in both pressure hold and pressure release applications.

Parts Breakdown



Parts Key

1. Apollo HP Respirator

2. Leather Gloves

3. Clem-Cool

4. Respirator Hose

5. CPF-20 Breathing Air Filter

6. Twin Line Hose

7. ACS Pneumatic Control Line

8. Flexible Pusher Line

9. Inlet Valve

10. Outlet Valve

11. Abrasive Trap
12. Optional Cover

13. Screen

14. Inspection Door Assembly

15. Abrasive Media Valve

16. Blast Hose Safety Cable

17. Blast Hose

18. Poly All-Weather Cover

19. Blast Nozzle

20. Nozzle Holder

21. RLX Pneumatic Handle with ACS

6 cubic foot Classic Blast Machine



Built for Performance and Productivity

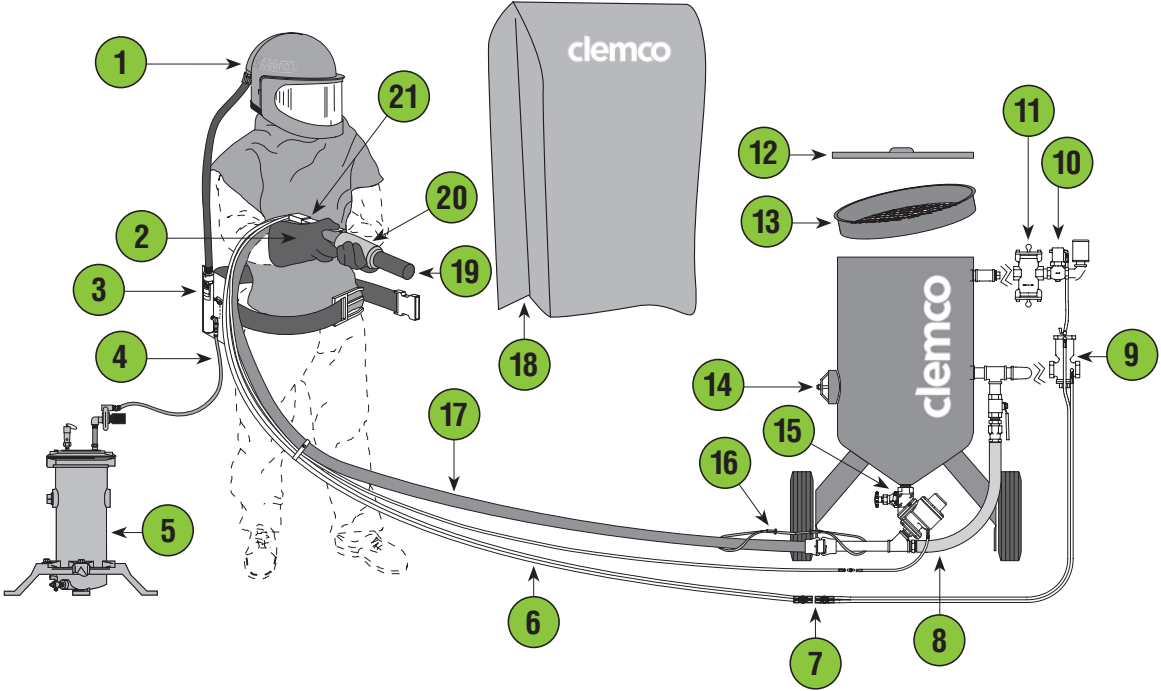
- 6 cubic foot capacity holds approximately 600 lb of abrasive, maximizing blasting time between refills for high-production applications.
- High-capacity portable design is ideal for large industrial projects, shipyards, structural steel, and heavy maintenance operations.
- Heavy-duty pressure vessel is built to withstand demanding surface preparation environments and continuous industrial use.
- Remote-control operation enables operators to start and stop blasting at the nozzle, improving safety, efficiency, and abrasive control.
- Precision abrasive metering valve delivers consistent media flow, reducing abrasive waste while optimizing blasting performance.
- Rugged industrial construction provides reliable performance, long service life, and dependable operation in the toughest blasting environments.
- Large-capacity design reduces refill frequency and downtime, helping crews maintain productivity during extended blasting operations.
- High-flow piping and durable components help maintain consistent blast pressure for efficient cleaning and surface preparation.
- Built for high-production blasting, the 6 cubic foot capacity supports demanding jobs where sustained performance and efficiency are critical.

Packages				
Pressure Release				
Packages	Description	Valves	Respirator	P/Ns
Essentials	Pot, Valve & Remote Control	FSV MQV		01187 23769
Plus	Essentials Package plus: Nozzle, Hose, Coupling and Nozzle Holder	MQV		33289
Elite	Plus Package + PPE	FSV MQV	Apollo 600 HP	00916 27529

Pressure Hold				
Packages	Description	Valves	Respirator	P/Ns
Essentials	Pot, Valve & Remote Control	PQV	Apollo 600 HP	20672

Part Description	Stock No.	Essentials			Plus	Elite	
		01187	23769	20672	33289	00916	27529
50 ft. × 1-1/4" ID Blast Hose, Coupled	23481				✓	✓	✓
NHP-2 Nylon Nozzle Holder (included in 23481)	04127				✓	✓	✓
CQPS-2 Nylon Quick Coupling (included in 23481)	08413				✓	✓	✓
Blast Hose Safety Cable	15013				✓	✓	✓
1-1/2" Air Filter with Manual Drain	22363				✓	✓	✓
TXP-6 Blast Nozzle	23525				✓	✓	✓
Blast Machine Screen	03100				✓	✓	✓
Optional Steel Cover (for Blast Machine Screen)	02335						
Poly All-Weather Cover	15097	✓	✓	✓	✓	✓	✓
Nylon Tie	02195				✓	✓	✓
Apollo 600 HP DLX Helmet with Clem-Cool	25194					✓	✓
50ft Respirator Hose, Coupled	04415					✓	✓
CPF-20 Breathing Air Filter with Regulator	03578					✓	✓
One Pair Leather Gloves	02243					✓	✓
25-Pack Helmet Outer Lens	04361					✓	✓
5-Pack Apollo 600 Intermediate Lenses	24943					✓	✓
10-Pack Quick Coupling Gaskets	08853				✓	✓	✓
10-Pack Nozzle Washers	91026				✓	✓	✓
Abrasive Trap Screen	02012				✓	✓	✓
Moisture Separator 1-1/2 MD (included in 22363)	24738				✓	✓	✓
Muffler, Blast Machine Exhauster	05068	✓	✓	✓	✓	✓	✓
Pressure Release							
Flat Sand Valve (FSV)	02427	✓				✓	
Manual Quantum Valve Pro (MQV-Pro) 1.25" NPT	31607		✓				✓
TLR-300 Remote Controls (Includes 10565 RLX handle)	01936	✓	✓			✓	✓
• Hose, Twinline Coupled 50ft (Included in 01936)	01951	✓	✓	✓		✓	✓
• Valve, 1" Outlet, Piston-type (Included in 01936)	01967	✓	✓			✓	✓
• Valve, 1-1/2" inlet (Included in 01936)	01995	✓	✓			✓	✓
• Abrasive trap, 1" (Included in 01936)	02011	✓	✓			✓	✓
Pressure Hold							
Pneumatic Quantum Metering Valve (PQV)	32120			✓			
Valve, 1" outlet, piston-type	01967						
ACE Air Valve	24044			✓			
Valve, 1-1/2" inlet	01995						
RLX Remote Control Handle Assembly with ACS, Pneumatic	07625			✓			

Parts Breakdown



Parts Key

1. Apollo HP Respirator

2. Leather Gloves

3. Clem-Cool

4. Respirator Hose

5. CPF-20 Breathing Air Filter

6. Twin Line Hose

7. ACS Pneumatic Control Line

8. Flexible Pusher Line

9. Inlet Valve

10. Outlet Valve

11. Abrasive Trap
12. Optional Cover

13. Screen

14. Inspection Door Assembly

15. Abrasive Media Valve

16. Blast Hose Safety Cable

17. Blast Hose

18. Poly All-Weather Cover

19. Blast Nozzle

20. Nozzle Holder

21. RLX Pneumatic Handle with ACS

4 cubic foot Contractor Blast Machine

Where
Performance
Meets
Reliability

- 4 cubic foot capacity holds approximately 400 lb of abrasive, providing extended blasting time between refills.
- Contractor-style portable design offers an ideal balance of mobility and capacity for medium to large surface preparation projects.
- Heavy-duty pressure vessel is engineered for demanding industrial, maintenance, and coating removal applications.
- Remote-control operation allows the operator to start and stop blasting at the nozzle, improving safety and productivity.
- Adjustable abrasive metering valve delivers consistent media flow, reducing abrasive consumption while maximizing blasting efficiency.



Packages				
Pressure Release				
Packages	Description	Valves	Controls	P/Ns
Essentials	Pot, Valve & Remote Control	MQV	Pneumatic	21505
			12V Electric	21509
			120V Electric	21538
		AQV	Pneumatic with ACS	22554
			12V Electric with ACS	22541
			120V Electric with ACS	22543
Plus	Essentials Package plus: Nozzle, Hose, Coupling and Nozzle Holder	MQV	Pneumatic	33290
Elite	Plus Package + PPE	MQV	Pneumatic	21548

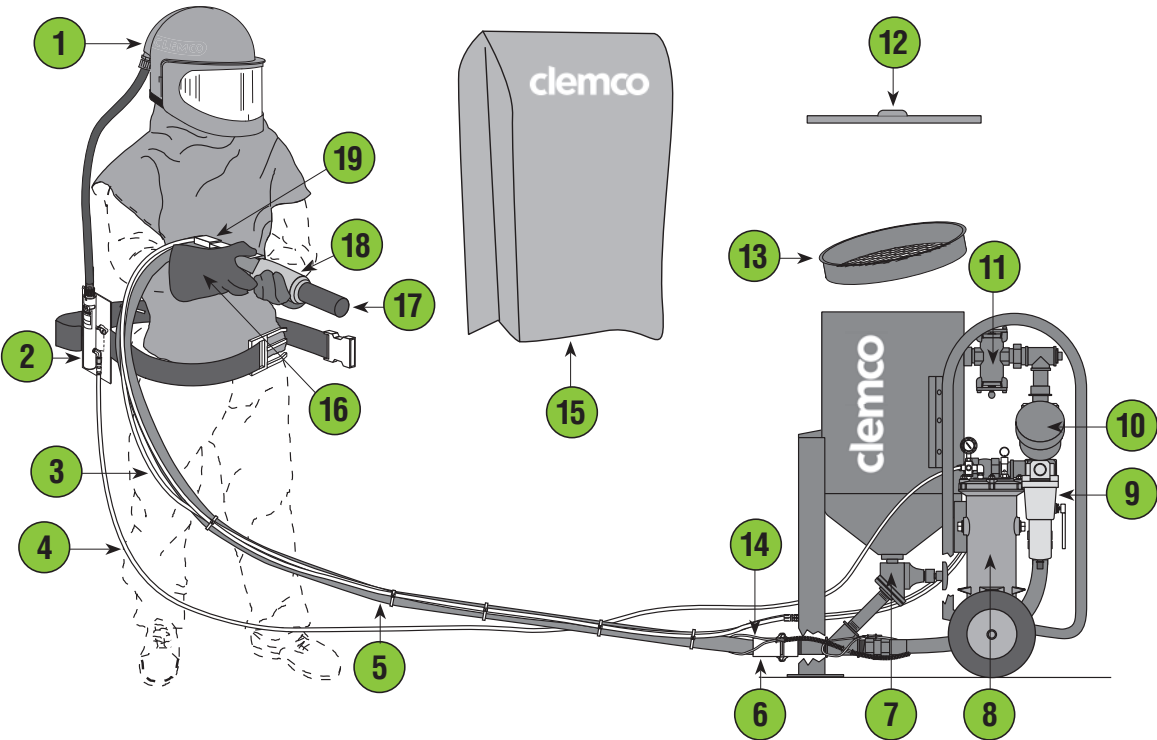
Pressure Hold				
Packages	Description	Valves	Controls	P/Ns
Essentials	Pot, Valve & Remote Control	PQV	Pneumatic	22545
			12V Electric	22547
			120V Electric	22549

4 cubic foot Contractor Electric							
		Essentials					
Part Description	Stock No.	21509	21538	22541	22543	22547	22549
Blast Machine Cover	15097	✓	✓	✓	✓	✓	✓
Abrasive Trap	02011	✓	✓	✓	✓		
Steel Cover (Optional)	20358						
Pressure Release							
Manual Quantum Valve Pro (MQV-Pro) 1.25" NPT	31607	✓	✓				
Millennium Valve	21336	✓	✓	✓	✓		
Pressure Hold							
Auto Quantum Metering Valve (AQV)*	22760			✓	✓		
Pneumatic Quantum Metering Valve (PQV)	32120					✓	✓
Quantum Air Valve	21350					✓	✓
Electric RLXs							
RLX Remote Control Handle, Electric, Low-profile	10840	✓	✓		✓		✓
Cord, 50ft with ACS Switch (Low-profile)	10847	✓	✓		✓		✓
RLX Remote Control Handle with ACS, Pro-Series	31167			✓		✓	
50ft Electric Cord Ext with Twist-lock	31168			✓		✓	
Electric Remote Controls							
Control Panel, 12V, Single Operator	07677	✓					
Cord, 12V DC Supply Pigtail, Low-profile	10831	✓					
Control Panel, 120V, Single Operator	07676		✓				
Cord, 50ft, Low-profile	10835		✓				
12V DC Power Cord with Low-profile	31169			✓		✓	
Panel, ACS, 12V, Single Operator	05621			✓		✓	
Panel, ACS, 120V, Single Operator	07650				✓		✓

4 cubic foot Contractor No Electric						
Part Description	Stock No.	Essentials			Plus	Elite
		21505	22554	22545	33290	21548
Apollo 600 HP DLX Helmet with Clem-Cool	25194					✓
50ft Respirator Hose	04415					✓
CPF-20 Breathing Air Filter with Regulator, Installed	22540					✓
One 5-pack Apollo 60/600 Intermediate Lenses	24943					✓
One 25-pack Apollo 60/600 Outer Lenses	04361					✓
One Pair Leather Gloves	02243					✓
50ft Supa Blast Hose, Coupled (1" ID)	23480				✓	✓
NHP-1 Nylon Nozzle Holder (Included on Supa)	04106				✓	✓
Blast Nozzle TMP-5	23521				✓	✓
Blast Machine Cover	15097	✓	✓	✓	✓	✓
Blast Hose Safety Cable	15013				✓	✓
CQPS-1 Nylon Quick Coupling (Included on Supa)	21088				✓	✓
Steel Cover (Optional)	20358					
Blast Machine Screen	20357				✓	✓
Abrasive Trap	02011	✓	✓		✓	✓
Air Filter with Manual Drain (1-1/2")	22363				✓	✓
Abrasive Trap Screen (Six Included with System)	02012				✓	✓
10-pack Quick Coupling Gaskets	21584				✓	✓
Nylon Tie (Eight Included with System)	02195				✓	✓
One 10-pack Nozzle Washers	91024				✓	✓
Moisture Separator 1-1/2 MD (Included in 22363)	24738				✓	✓
Pressure Release						
Manual Quantum Valve Pro (MQV-Pro) 1.25" NPT	31607	✓			✓	✓
RLX Remote Control Handle Assembly, Pneumatic	10565	✓			✓	✓
Millennium Valve	21336	✓	✓		✓	✓
Hose, Tinline coupled 50ft	01951	✓	✓	✓	✓	✓
Pressure Hold						
Auto Quantum Metering Valve (AQV)*	22760		✓			
Pneumatic Quantum Metering Valve (PQV)	32120			✓		
RLX remote control handle assembly with ACS, pneumatic	07625		✓	✓		
Quantum Air Valve	21350			✓		

*AQV is designed for use in both pressure hold and pressure release applications.

Parts Breakdown



Parts Key

1. Apollo HP Respirator

2. Clem-cool A/C tube with Belt

3. Tinline Hose

4. Respirator Hose

5. Blast Hose

6. Nylon Quick Coupling

7. All-Media Abrasive Media Valve

8. CPF-20 Breathing Air Filter

9. Air Filter

10. Millennium Valve
11. Abrasive Trap

12. Steel Cover

13. Screen

14. Blast Hose Safety Cable

15. Poly All-Weather Cover

16. Leather Gloves

17. Blast Nozzle

18. Nozzle Holder

19. RLX Pneumatic Handle

6 cubic foot Contractor Blast Machine



The Standard in Surface Preparation

- 6 cubic foot abrasive capacity holds approximately 600 lb of media, allowing extended blasting time between refills for improved productivity.
- Heavy-duty contractor construction is built to withstand demanding field use, making it ideal for industrial maintenance, corrosion control, and surface preparation.
- Portable four-wheel design provides excellent mobility on job sites while fitting through standard doorways and loading easily into trailers or trucks.
- Remote-control operation allows the operator to start and stop blasting from the nozzle, improving safety, reducing abrasive waste, and increasing efficiency.
- Precision abrasive metering and high-flow piping deliver consistent media flow and optimized blasting performance across a wide range of industrial applications.

Packages				
Pressure Release				
Packages	Description	Valves	Controls	P/Ns
Essentials	Pot, Valve & Remote Control	MQV	Pneumatic	21610
			12V electric	21543
			120V electric	21606
		AQV	Pneumatic with ACS	22555
			12V Electric with ACS	22542
			120V Electric with ACS	22544
Plus	Essentials Package plus: Nozzle, Hose, Coupling and Nozzle Holder	MQV	Pneumatic	33288
Elite	Plus Package + PPE	MQV	Pneumatic	21549

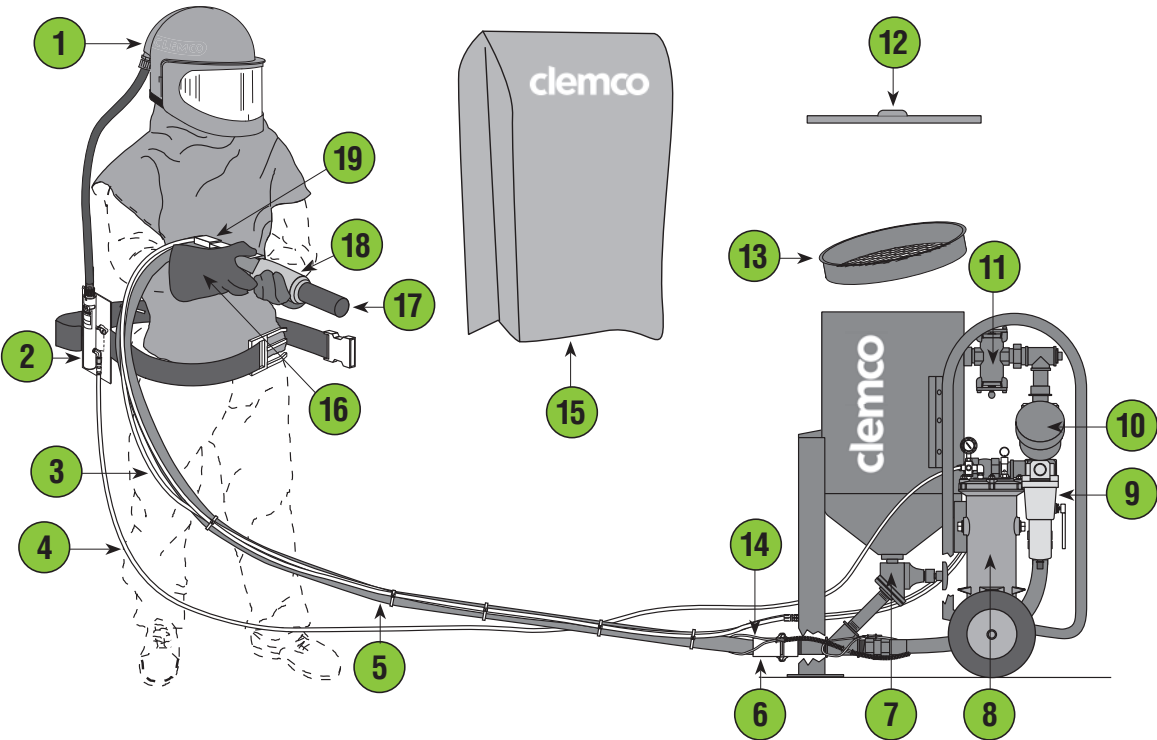
Pressure Hold				
Packages	Description	Valves	Controls	P/Ns
Essentials	Pot, Valve & Remote Control	PQV	Pneumatic	22546
			12V Electric	22548
			120V Electric	22550

6 cubic foot Contractor Electric							
		Essentials					
Part Description	Stock No.	21543	21606	22542	22544	22548	22550
Blast Machine Cover	15097	✓	✓	✓	✓	✓	✓
Abrasive Trap	02011	✓	✓	✓	✓		
Muffler, Blast Machine Exh	05068					✓	✓
Steel Cover (Optional)	20358						
Pressure Release							
Manual Quantum Valve Pro (MQV-Pro) 1.25" NPT	31607	✓	✓				
Millennium Valve	21336	✓	✓	✓	✓		
Pressure Hold							
Auto Quantum Metering Valve (AQV)*	22760			✓	✓		
Pneumatic Quantum Metering Valve (PQV)	32120					✓	✓
Quantum Air Valve	21350					✓	✓
Electric RLXs							
RLX Remote Control Handle, Electric, Low-profile	10840	✓	✓		✓		✓
Cord, 50ft (Low-profile)	10835	✓	✓				
Cord, 50ft with ACS Switch (Low-profile)	10847				✓		✓
RLX Remote Control Handle with ACS, Pro-Series	31167			✓		✓	
50ft Electric Cord Ext with Twist-lock	31168			✓		✓	
Electric Remote Controls							
Control Panel, 12V, Single Operator	07677	✓					
Cord, 12V DC Supply Pigtail, Low-profile	10831	✓					
Control Panel, 120V, Single Operator	07676		✓				
12V DC Power Cord with Low-profile	31169			✓		✓	
Panel, ACS, 12V, Single Operator	05621			✓		✓	
Panel, ACS, 120V, Single Operator	07650				✓		✓

6 cubic foot Contractor No Electric						
Part Description	Stock No.	Essentials			Plus	Elite
		21610	22555	22546	33288	21549
Apollo 600 HP DLX Helmet with Clem-Cool	25194					✓
50ft Respirator Hose	04415					✓
CPF-20 Breathing Air Filter with Regulator, Installed	22540					✓
One 5-pack Apollo 60/600 Intermediate Lenses	24943					✓
One 25-pack Apollo 60/600 Outer Lenses	04361					✓
One Pair Leather Gloves	02243					✓
50ft Supa Blast Hose, Coupled (1.25" ID)	23481				✓	✓
NHP-2 Nylon Nozzle Holder (Included on Supa)	04127				✓	✓
Blast Nozzle TXP-6	23525				✓	✓
Blast Machine Cover	15097	✓	✓	✓	✓	✓
Blast Hose Safety Cable	15013				✓	✓
CQPS-2 Nylon Quick Coupling (Included on Supa)	08413				✓	✓
Steel Cover (Optional)	20358					
Blast Machine Screen	03100				✓	✓
Abrasive Trap	02011	✓	✓		✓	✓
Air Filter with Manual Drain (1-1/2")	22363				✓	✓
Abrasive Trap Screen (Six Included with System)	02012				✓	✓
10-pack Quick Coupling Gaskets	21584				✓	✓
Nylon Tie (Eight Included with System)	02195				✓	✓
One 10-pack Nozzle Washers	91024				✓	✓
Moisture Separator 1-1/2 MD (included in 22363)	24738				✓	✓
Muffler, Blast Machine Exhauster	05068			✓		
Pressure Release						
Manual Quantum Valve Pro (MQV-Pro) 1.25" NPT	31607	✓			✓	✓
RLX Remote Control Handle Assembly, Pneumatic	10565	✓			✓	✓
Millennium Valve	21336	✓	✓		✓	✓
Hose, Twinline Coupled 50ft	01951	✓	✓	✓	✓	✓
Pressure Hold						
Auto Quantum Metering Valve (AQV)*	22760		✓			
Pneumatic Quantum Metering Valve (PQV)	32120			✓		
RLX Remote Control Handle Assembly with ACS, Pneumatic	07625		✓	✓		
Quantum Air Valve	21350			✓		

*AQV is designed for use in both pressure hold and pressure release applications.

Parts Breakdown



Parts Key

1. Apollo HP Respirator

2. Clem-cool A/C tube with Belt

3. Twinline Hose

4. Respirator Hose

5. Blast Hose

6. Nylon Quick Coupling

7. All-Media Abrasive Media Valve

8. CPF-20 Breathing Air Filter

9. Air Filter

10. Millennium Valve
11. Abrasive Trap

12. Steel Cover

13. Screen

14. Blast Hose Safety Cable

15. Poly All-Weather Cover

16. Leather Gloves

17. Blast Nozzle

18. Nozzle Holder

19. RLX Pneumatic Handle

Built for Demanding Surface Preparation



8 cubic foot Classic Blast Machine

- 8 cubic foot dual-chamber capacity provides continuous blasting by alternating between chambers, minimizing downtime and maximizing productivity during high-volume operations.
- Industrial-duty construction with 1-1/4-inch piping delivers increased airflow, improved blasting efficiency, and reduced pressure loss for demanding surface preparation applications.
- Precision abrasive metering system maintains smooth, consistent media flow to improve blasting performance while reducing abrasive consumption and operating costs.
- Available in portable and stationary configurations to support blast rooms, maintenance facilities, fabrication shops, and other high-production industrial environments.



10 cubic foot Classic Blast Machine

- 10 cubic foot capacity holds approximately 1,000 lb of abrasive, delivering extended blast cycles with fewer interruptions for refilling on high-production jobs.
- Industrial-duty stationary design is engineered for blast rooms and fixed installations, providing reliable performance for heavy manufacturing, fabrication, and large-scale surface preparation.
- 1-1/4-inch high-flow piping and precision abrasive metering maximize air flow, maintain consistent media delivery, and improve blasting efficiency while reducing energy consumption.
- Configurable controls and piping options allow the blast machine to be tailored to specific production requirements, compressor capacities, and abrasive blasting applications.

8 cubic foot Classic Blast Machine

		Single Op	Dual Op
Part Description	Stock No.	01192	01194
Hose, Twinline Coupled 50ft	01951	✓	✓
RLX Remote Control Handle Assembly with ACS, pneumatic	07625	✓	✓
Two Mufflers, Blast Machine Exhauster	05068	✓	✓
Pressure Hold			
Pneumatic Quantum Valve Pro (PQV-Pro) 1.25" Tee	32120	✓	✓
ACE Air Valve	24044	✓	✓

*AQV is designed for use in both pressure hold and pressure release applications.

10 cubic foot Classic Blast Machine

Part Description	Stock No.	01198	31726	21077	31025
Muffler, Blast Machine Exhauster	05068	✓	✓	✓	✓
Blast Machine Cover	02804		✓		✓
Pressure Release					
Flat Sand Valve (FSV)	02427	✓			
Manual Quantum Valve Pro (MQV-Pro) 1.25" NPT	31607		✓		
TLR-300 Remote Controls (Includes 10565 RLX handle)	01936	✓	✓		
• Hose, Twinline Coupled 50ft (Included in 01936)	01951	✓	✓	✓	✓
• Valve, 1" Outlet, Piston-type (Included in 01936)	01967	✓	✓	✓	
• Valve, 1-1/2" Inlet (Included in 01936)	01995	✓	✓	✓	
• Abrasive Trap, 1" (Included in 01936)	02011	✓	✓	✓	
Pressure Hold					
Auto Quantum Metering Valve (AQV)*	22760			✓	
Pneumatic Quantum Metering Valve (PQV)	32120				✓
RLX Remote Control Handle Assembly with ACS, Pneumatic	07625			✓	✓
ACE Air Valve	24044				✓



20 cubic foot Classic Blast Machine

- 20 cubic foot capacity holds approximately 2,000 lb of abrasive, supporting extended blasting cycles and maximizing productivity in high-volume operations.
- Heavy-duty stationary pressure vessel is engineered for continuous industrial use in blast rooms, fabrication facilities, shipyards, and large-scale surface preparation applications.
- Large-diameter piping and precision abrasive metering provide consistent media flow, improved blasting efficiency, and reduced operating costs across demanding production environments.
- Configurable piping, controls, and vessel options allow the blast machine to be customized for specific production requirements, abrasive types, and compressed air systems.

20 cubic foot Classic Blast Machine					
Part Description	Stock No.	01199	31727	21078	31026
Muffler, Blast Machine Exhauster	05068	✓	✓	✓	✓
Blast Machine Cover	02804		✓		✓
Pressure Release					
Flat Sand Valve (FSV)	02427	✓			
Manual Quantum Valve Pro (MQV-Pro) 1.25" NPT	31607		✓		
TLR-300 Remote Controls (Includes 10565 RLX handle)	01936	✓	✓		
• Hose, Twinline Coupled 50ft (Included in 01936)	01951	✓	✓	✓	✓
• Valve, 1" Outlet, Piston-type (Included in 01936)	01967	✓	✓	✓	
• Valve, 1-1/2" Inlet (Included in 01936)	01995	✓	✓	✓	
• Abrasive Trap, 1" (Included in 01936)	02011	✓	✓	✓	
Pressure Hold					
Auto Quantum Metering Valve (AQV)*	22760			✓	
Pneumatic Quantum Metering Valve (PQV)	32120				✓
RLX Remote Control Handle Assembly with ACS, Pneumatic	07625			✓	✓
ACE Air Valve	24044				✓

...Trusted Worldwide for Surface Preparation.

Spares & Accessories: Abrasive Blast Suits, Apollo 60/600 Lenses & Apollo 600 Respirators

Abrasive Blast Suits

- **Built for Abrasive Blasting:** Constructed from durable, heavy-duty materials to help protect operators from abrasive rebound while maintaining comfort throughout the workday.
- **Enhanced Comfort & Mobility:** Ergonomic design with a comfortable fit allows for greater freedom of movement during blasting and other demanding industrial tasks.
- **Reinforced High-Wear Areas:** Extra protection in key impact zones, such as the front of the jacket and legs, helps extend garment life in harsh blasting environments.
- **Multiple Sizes & Styles:** Available in a range of sizes and configurations to provide a secure fit for different operators and blasting applications.



Apollo 60/600 Lenses

- **Crystal-Clear Visibility:** High-quality replacement lenses provide excellent optical clarity, helping operators maintain a clear view for safer and more precise abrasive blasting.
- **Multi-Layer Protection:** Designed for the Apollo 600's lens system with inner, intermediate, and tear-away outer lenses to protect against dust, media, and lens damage.
- **Quick, Cost-Effective Lens Changes:** Replace only the worn outer tear-away lenses to extend the life of the primary viewing lenses and minimize downtime.
- **Genuine Clemco Fit & Performance:** Precision-fit replacement lenses are designed specifically for the Apollo 600 respirator, ensuring proper installation and dependable performance in demanding blasting environments.



Apollo 600 Respirators

- **Integrated Air & Climate Control:** Regulates breathing air while allowing operators to adjust airflow and temperature for greater comfort during blasting.
- **Heating & Cooling Options:** Available with climate control capabilities that help warm or cool incoming breathing air based on working conditions.
- **Improved Operator Comfort:** Reduces heat stress and cold-weather discomfort to help operators stay focused and productive throughout the workday.
- **Rugged Industrial Construction:** Built to withstand demanding abrasive blasting environments while delivering dependable, long-lasting performance.



Abrasive Blast Suits	
Part Description	Stock No.
Blast Suit – lightweight, Small	22913
Blast Suit – lightweight, Medium	22914
Blast Suit – lightweight, Large	22915
Blast Suit – lightweight, XL	22916
Blast Suit – lightweight, 2XL	22917
Blast Suit – lightweight, 3XL	25022
Blast Suit – lightweight, 4XL	24689
Blast Suit – leather/cotton, Small	08920
Blast Suit – leather/cotton, Medium	08921
Blast Suit – leather/cotton, Large	08922
Blast Suit – leather/cotton, XL	08923
Blast Suit – leather/cotton, 2XL	24201
Blast Suit – leather/cotton, 3XL	24202

Apollo 60/600 Lenses	
Part Description	Stock No.
Lenses, APL 60/600 cover .0075", 25 pk	04361
Lenses, APL 60/600 inner .040", 5 pk	04367
Lenses, WSH/APL 60 cover .003", 25 pk	04372
Lenses, APL 60/600 intermediate	04373
Lenses, value-pack, 04361 (60 packs)	23064
Lenses, value-pack, 04367 (70 packs)	23065
Lenses, value-pack, 04373 (24 packs)	23067
Lenses, value-pack 24005 (35 packs)	24000
Lenses, APL 600 outer, rect, 25-pk	24005
Lenses, intermed, APL600/60, 5-pk	24943
Lenses, perf outer, 25-pk, APL 60	25020
Lenses, value-pack 25020 (60 packs)	25021

Apollo 600 Respirators	
Part Description	Stock No.
Apollo 600HP with constant-flow connector (CFC)	24001
Apollo 600HP with air-control valve (ACV)	24002
Apollo 600HP with cool-air tube (CAT)	24003
Apollo 600HP with climate-control tube (CCT)	24004
Apollo 600HP with Clem-Cool air conditioner (CCAC)	24932
Apollo 600HP DLX, with constant-flow connector (CFC)	25190
Apollo 600HP DLX with air-control valve (ACV)	25191
Apollo 600HP DLX with cool-air tube (CAT)	25192
Apollo 600HP DLX with climate-control tube (CCT)	25193
Apollo 600HP DLX with Clem-Cool air conditioner (CCAC)	25194

Blast Nozzles

- **Precision Blasting Performance:** Engineered to deliver consistent abrasive flow and focused blast patterns for efficient surface preparation and cleaning.
- **Long-Lasting Durability:** Available in a variety of high-wear materials, including tungsten carbide, silicon nitride, and boron carbide, to match your application and maximize service life.
- **Wide Selection for Every Job:** Offered in multiple nozzle styles, lengths, liner materials, and orifice sizes to optimize productivity across a variety of blasting applications.

Blast Nozzles		
Part Description	Stock No.	Material
Nozzle, CT-2, 1/8” orifice x 1-3/4”	01351	CT Series
Nozzle, CT-3, 3/16” orifice x 1-3/4”	01352	CT Series
Nozzle, CT-4, 1/4” orifice x 1-3/4”	01353	CT Series
Nozzle, CT-5, 5/16” orifice x 1-3/4”	01354	CT Series
Nozzle, CT-6, 3/8” orifice x 1-3/4”	01355	CT Series
Nozzle, CT-8, 1/2” orifice x 1-3/4”	01356	CT Series
Nozzle, CJD-3, 3/16” orifice x 3”	01378	Tungsten (Short)
Nozzle, CJD-4, 1/4” orifice x 3”	01379	Tungsten (Short)
Nozzle, CJD-5, 5/16” orifice x 3”	01380	Tungsten (Short)
Nozzle, CJD-6, 3/8” orifice x 3”	01381	Tungsten (Short)
Nozzle, CJD-7, 7/16” orifice x 3”	01382	Tungsten (Short)
Nozzle, CJD-8, 1/2” orifice x 3”	01383	Tungsten (Short)
Nozzle, CSD-3, 3/16” orifice x 4”	01384	Tungsten (Long)
Nozzle, CSD-4, 1/4” orifice x 5-1/4”	01385	Tungsten (Long)
Nozzle, CSD-5, 5/16” orifice x 5-5/8”	01386	Tungsten (Long)
Nozzle, CSD-6, 3/8” orifice x 6-1/2”	01387	Tungsten (Long)
Nozzle, CSD-7, 7/16” orifice x 7-3/4”	01388	Tungsten (Long)
Nozzle, CSD-8, 1/2” orifice x 8-13/16”	01389	Tungsten (Long)
Nozzle, BSD-4, 1/4” orifice x 5-1/4”	01419	Boron
Nozzle, BSD-5, 5/16” orifice x 5-5/8”	01420	Boron
Nozzle, BSD-6, 3/8” orifice x 6-1/2”	01421	Boron
Nozzle, BSD-7, 7/16” orifice x 7-3/4”	01422	Boron
Nozzle, BSD-8, 1/2” orifice x 8-13/16”	01423	Boron
Nozzle, SAS-4, 1/4” orifice 1-1/4 brass	28079	Clemlite/Long
Nozzle, SAS-5, 5/16” orifice 1-1/4 brass	28080	Clemlite/Long
Nozzle, SAS-6, 3/8” orifice 1-1/4 brass	28081	Clemlite/Long
Nozzle, SAS-7, 7/16” orifice 1-1/4 brass	28082	Clemlite/Long
Nozzle, SAS-8, 1/2” orifice x 1-1/4 brass	28083	Clemlite/Long



Couplings

- **Secure, Leak-Resistant Connections:** Designed to create a tight, dependable seal between blast hoses and equipment for consistent airflow and abrasive delivery.
- **Built for Harsh Environments:** Constructed from durable materials to withstand the demands of abrasive blasting and extend service life in rugged industrial applications.
- **Compatible with Clemco Blast Systems:** Available in a variety of sizes and styles to fit Clemco blast hoses, nozzles, and equipment for fast, reliable setup.

Couplings		
Part Description	Stock No.	Material
Coupling, CQP-4 (nyl), 2-3/8” hose	07714	Nylon
Coupling, CFP-2 (nyl), 1-1/2” thrd w/o npl	07715	Nylon
Holder/Coupling CFP 1-1/4” Thrd	07716	Nylon
Holder, FHP (nyl), for flgd nozzle	07718	Nylon
Holder, CFPM (nyl), for contr thrd nozzle	07719	Nylon
Coupling, CQP-1 (nyl), for 1-1/2” OD hose	08412	Nylon
Coupling, CQPS-2 (nyl), for 1-7/8” OD hose	08413	Nylon
Coupling, CQP-3 (nyl), for 2-3/32” OD hose	08414	Nylon
Coupling, CF (brass) 1-1/4” thrd w/ 3” npl	10806	Nylon
Coupling, CQPS-3/4 (nyl), for 1-5/16” OD sup	11395	Nylon
Coupling, CQPS-1 (nyl), supa	21088	Nylon
Coupling, CQP-2 (nyl), 1” ID	21711	Nylon
Coupling, CF (BRASS) W/16 1/2” Nipple	24197	Nylon
Coupling, CFA-3 (alum), for 2” thrd npl	00556	Aluminum
Coupling, CFA-1/2 (alum), for 1/2” thrd npl	00558	Aluminum
Coupling, CFA-3/4 (alum), for 3/4” thrd npl	00559	Aluminum
Coupling, CQA-1 (alum), 1-1/2” OD	00568	Aluminum
Coupling, CQA-2 (alum), 1-7/8”OD	00569	Aluminum
Coupling, CQA-3 (alum), 2-3/32” OD	00570	Aluminum
Coupling, CQA-4 (alum), 2-3/8” OD	00573	Aluminum
Coupling, CQA-1/2 (alum), 13/16”OD	00599	Aluminum
Coupling, CF (brass) for 1-1/4” npl	00551	Brass
Coupling, CF-2 (brass), for 1-1/2” thrd npl	00553	Brass
Coupling, CF-3 (brass), for 2” thrd npl	00555	Brass
Coupling, CQ-1 (brass), 1-1/2” OD	00563	Brass
Coupling, CQ-2 (brass), 1-7/8” OD	00564	Brass
Coupling, CQ-3 (brass), 2-3/32” OD	00565	Brass
Coupling, CQ-4 (brass), 2-3/8” OD	00566	Brass

Spares & Accessories: Abrasive Blast Hose

2-Braid Blast Hose

- **Heavy-Duty Two-Braid Construction:** Reinforced with two high-strength textile braids and an abrasion-resistant rubber cover for long-lasting durability in demanding blasting applications.
- **Flexible, Reliable Performance:** Engineered for easy handling while maintaining consistent air and abrasive flow to maximize productivity and reduce downtime.
- **Built for Clemco Blast Systems:** Available to pair seamlessly with Clemco blast machines, couplings, and nozzles for industrial blasting applications.
- **Superior Abrasion Resistance:** Rugged hose construction withstands continuous exposure to abrasive media, helping extend service life in tough blasting environments.
- **Designed for Demanding Jobs:** Built to deliver dependable performance in fabrication shops, shipyards, construction sites, and other heavy-duty surface preparation applications.



4-Ply Blast Hose

- **Heavy-Duty 4-Ply Construction:** Built for maximum durability with superior abrasion resistance to withstand the toughest blasting applications and extend hose life.
- **Designed for High-Performance Blasting:** Maintains flexibility for easier handling while promoting consistent air and abrasive flow for reliable, efficient operation.
- **Compatible with Clemco Blast Systems:** Available to integrate seamlessly with Clemco blast machines, couplings, and nozzles for demanding industrial applications.
- **Engineered for Long Service Life:** Rugged construction helps resist wear from abrasive media, reducing hose replacement and downtime in high-production environments.
- **Built for Tough Environments:** Delivers dependable performance in shipyards, fabrication shops, construction sites, and other heavy-duty surface preparation applications.



Supa Blast Hose

- **Lightweight & Flexible:** Engineered for easy handling with a kink-resistant design that helps reduce operator fatigue and minimize interruptions.
- **Durable, High-Performance Construction:** Abrasion-resistant materials and a smooth interior provide long-lasting performance with consistent air and abrasive flow.
- **Compatible with Clemco Blast Systems:** Available to pair seamlessly with Clemco blast machines, couplings, and nozzles for demanding industrial applications.
- **Optimized for Efficient Blasting:** Smooth internal construction helps maintain steady media flow for consistent blasting performance and improved productivity.
- **Built for Demanding Applications:** Provides dependable performance in fabrication shops, maintenance facilities, construction sites, and other industrial surface preparation environments.



2-Braid Blast Hose			
Stock No.	Length	ID x OD	Coupling
01251	16'	1/2" x 1-3/16"	CHE-1/2 alum holder, 3/4" thrd
01268	25'	1/2" x 1-3/16"	CQA-1/2 alum coupling
23750	25'	1/2" x 1-3/16"	None
23751	50'	1/2" x 1-3/16"	None
23752	25'	3/4" x 1-1/2"	None
23753	50'	3/4" x 1-1/2"	None
23754	25'	1" x 1-7/8"	None
23755	50'	1" x 1-7/8"	None
23756	50'	1-1/4" x 2-3/32"	None

4 Ply Blast Hose			
Stock No.	Length	ID x OD	Coupling
23447	50'	3/4" x 1-1/2"	None
23445	50'	1/2" x 1-3/16"	None
23450	50'	1-1/4" x 2-3/32"	None
23448	50'	1" x 1-7/8"	None
23452	50'	1-1/2" x 2-3/8"	None
23444	25'	1/2" x 1-3/16"	None
23451	100'	1-1/4" x 2-3/32"	None

Supa Blast Hose			
Stock No.	Length	ID x OD	Coupling
23100	custom by ft.	3/4" x 1-5/16"	None
23106	50'	1-1/4" x 1-7/8"	None
23104	50'	1" x 1-1/2"	None
23102	50'	3/4" x 1-5/16"	None
23643	100'	1-1/4" x 1-7/8"	None
23481	50'	1-1/4" x 1-7/8"	CQPS-2 nylon coupling
23480	50'	1" x 1-1/2"	CQPS-1 nylon coupling
23103	25'	1" x 1-1/2"	None

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