

Email: sales@twrs.com

## **CLEMCO**®

ABRASIVE BLAST MACHINES

CLASSIC SERIES

SIMPLE BLIGGED BELLARIE









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#### 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. See related literature for additional applications.

Model 1028 holds 1/2 cubic foot of abrasive providing 15 minutes of blasting at 80 psi with a No. 3 (3/16-inch) nozzle.

This unit can operate with as little as 12 cfm of air volume.

#### **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 12 cfm at 50 psi 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 marketed for abrasive blasting and appropriate for your application.
- Appropriate blast suit, work boots, hearing and eye protection.

#### **Description**

Field-portable, light-duty, industrial, single-chamber blast machines rated at 125 psi working pressure. Model 1028, holds 1/2 cubic foot of media (50 lbs expendable, mineral abrasive). This unit is equipped with MSV abrasive metering valve.

# 0.5 Cuft Classic Blast Machine System with 1/2" piping



#### **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.

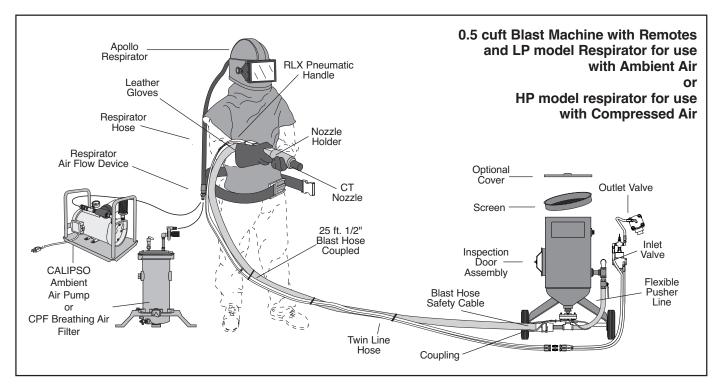
#### **Approvals and Certifications**

Blast machine pressure vessel built to American Society of Mechanical Engineers (ASME) specifications for 125-psi working pressure. Vessel is hydrostatically tested and National Board-certified.

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

- One-man portable industrial-quality blast machines manufactured to ASME code
- Industrial-quality valves, piping and fittings designed to maximize air flow and minimize energy required to operate the system.
- MSV abrasive metering valve maintains smooth, consistent, adjustable media flow.
- State-of-the-art NIOSH-approved respirator with DLX comfort-fit suspension.

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		Wt
Without remotes Includes MSV 1/2" abrasiv		100
With TLR50 Remote Contr & MSV		110
Systems		
Includes: Blast machine 2 DLX (for use with ambient Constant Flow Connector, and Accessory Package	1051, Apollo 20 LP air) respirator with	185
Includes: Blast machine 21 (for use with compressed a Constant Flow Connector, CPF 20 breathing air filter,	1051, Apollo 20 HP DL air) respirator with 25 ft. respirator hose,	
Authorized Distributor:		

Item Description	Stock No.	Wt
Accessory Package		
Complete accessory package	27410	20
1/2" air filter w/ manual drain	01308	2
25 ft. x 1/2" ID blast hose with		
CHE-1/2 aluminum nozzle holder and CQA-1/2 aluminum		
quick coupling	01268	12
Blast hose cafety cable	15012	.5
CT-4 blast nozzle	01353	.5
Blast machine screen		4
Leather gloves, 1 pair		.5 1
Helmet outer lenses, pk of 25 CQG coupling gaskets, pk of 10		<.5
NW-1 nozzle washers, pk of 10	21580	<.5
Outlet valve diaphragms (3 ea.)	02511	1
Nylon tie (8 included) (ea.)	02195	<.5
Options/Accessories		
Steel blast machine cover, 10"	03107	3
Carbon monoxide alarm, CMS-3 pkg	24612	4
Ambient Air Pump	05000	73
CALIPSO, sgl operator CAP-4, 4 operators w/ frame		73 175
with 2 wheel cart		205
Blast suit, heavy cotton/leather		
S (08920), M (08921), L (08922), XI	L (08923),	
2XL (24201), 3XL (24202)	4	l.5 (avg.)
Blast suit, seasonal cotton/nylon S (22913), M (22914), L (22915), XI	(22016)	
2XL (22917), 3XL (25022)4XL (2468		3 (avg.)
Operation Manuals	,	. 07
1028 without remotes	04124	
TI DEC D		

TLR50 Remotes......03358



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#### 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. See related literature for additional applications

Model 1042 holds 1 cubic foot of abrasive providing 15 minutes of blasting at 80 psi with a No. 4 (1/4-inch) nozzle.

This unit can operate with as little as 12 cfm of air volume.

#### **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 12 cfm at 50 psi 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, suppliedair 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**

Field-portable, light-duty, industrial, single-chamber blast machine rated at 125 psi working pressure. Model 1042 holds 1 cubic foot of media (100 lbs expendable, mineral abrasive). This unit is equipped with MSV abrasive metering valve.

## 1 Cuft Classic Blast Machine System with 1/2" piping



#### **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.

#### **Approvals and Certifications**

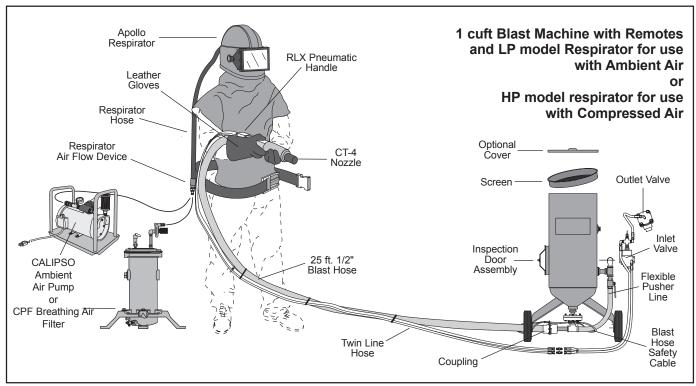
Blast machine pressure vessel built to American Society of Mechanical Engineers (ASME) specifications for 125-psi working pressure. Vessel is hydrostatically tested and National Board-certified.

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

- One-man portable industrial-quality blast machines manufactured to ASME code
- Industrial-quality valves, piping and fittings designed to maximize air flow and minimize energy required to operate the system.
- MSV abrasive metering valve maintains smooth, consistent, adjustable media flow.
- State-of-the-art NIOSH-approved respirator with DLX comfort-fit suspension.



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Item Description Stock No.	Wt
Without remotes21052 Includes MSV 1/2" abrasive metering valve	110
With TLR50 Remote Controls & MSV21053	130
Systems	
1042-50-AA w/LP respirator23891 Includes: Blast machine 21053, Apollo 20 LP DLX (for use with ambient air) Respirator with Constant Flow Connector, 50 ft. respirator hose, and Accessory Package	205
1042-50-CA w/HP respirator01039 Includes: Blast machine 21053, Apollo 20 HP DLX (for use with compressed air) Respirator with Constant Flow Connector, 25 ft. respirator hose, CPF 20 breathing-air filter, and Accessory Package	205 e
Authorized Distributor:	

Item Description	Stock No.	Wt
Accessory Package Complete accessory package 1/2" Air filter w/ manual drain 25 ft. x 1/2" ID blast hose co CHE-1/2 aluminum nozzle holder and CQA-1/2 alumin	n01308 oupled with	20 2
quick coupling		12 .5 .5 4 .5 1 <.5 <.5 1 <.5
Options/Accessories Steel blast machine cover, 1 Carbon monoxide alarm, CM	10"03107 S-3 pkg24612	3 4
Ambient Air Pump CALIPSO, sgl operator CAP-4, 4 operators w/ fran with 2 wheel cart Blast suit, heavy cotton/leatl	ne22530 22384	73 175 205
S (08920), M (08921), L (0 2XL (24201), 3XL (24202) Blast suit, seasonal cotton/n S (22913), M (22914), L (2 2XL (22917), 3XL (25022)	8922), XL (08923), ) 4 Iylon (2915), XL (22916),	l.5 (avg.)
Operation Manuals 1042 without remotes	04124	

TLR50 Remotes......03358



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#### 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 1642 holds 2 cubic feet of abrasive providing 15 minutes of blasting at 100 psi with a No. 5 (5/16-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 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, suppliedair 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**

Field-portable, medium-duty, industrial, single-chamber blast machine rated at 150 psi working pressure. Model 1642 has 1- inch piping and holds 2 cubic feet of media (200 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.

### 2 Cuft Classic Blast Machine Systems with 1" piping



#### **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.

#### **Approvals and Certifications**

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.

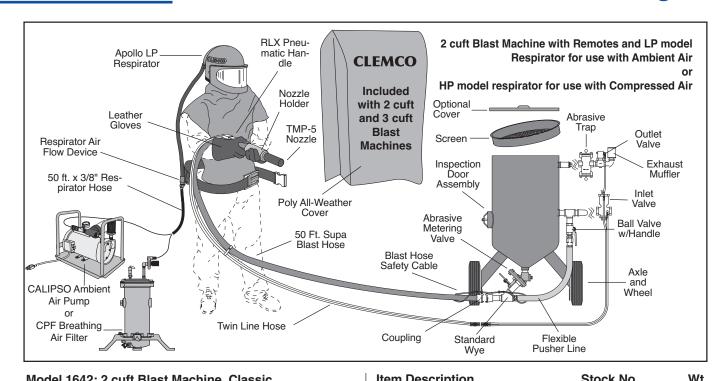
Remote control system complies with OSHA regulation 1910.244 (b).

- Field-portable, industrial-quality blast machine manufactured to ASME code.
- 1-inch piping allows up to 50 percent more air flow when compared with 1/2-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.

ENTALS & SUPPLIE

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Model 1642: 2 cuft Blast Machine, Classic with 1" piping; 150 psi working pressure				
Item Description	Stock No.	Wt.		
Without remotes: with FSV abrasive metering valve	e			
portable		240		
stationary	21055	240		
With TLR 100 remotes:				
and FSV abrasive metering valve				
portable	21056	250		
and Manual Quantum metering v				
portable		255		
and AQV abrasive metering valve				
with ACS (abrasive cut-off switch portable	21057	260		
stationary		260		
Stational y	21039	200		
Systems				
1642-200-CA				
1642-ACS-CA	ne 21060, ith Clem-Cool Air nose, CPF 20 Brea			
Includes: 1" piping, Blast machir DLX (for use with ambient air) re Flow Connector (CFC), 50 ft. res cessory Package	espirator with Con	stant		

Item Description	Stock No.	Wt
Accessory Package (24194) Complete accessory package	2/19/	
1" Air filter w/ manual drain 50 ft. x 1" Supa hose w/ NHP-	22424	3
and CQPS-1		30
Blast hose safety cable	15013	1.5
TMP-5 nozzle	23521	1.5
Blast machine screen, 16"		6
Poly all-weather cover		2
Leather gloves, 1 pair	02243	.5
Nylon ties, 8 ea.	02195	<.5
CQGP-2 gaskets, pk of 10		.5
NW-25 nozzle washers, pk of	02012	<.5
Abrasive trap screens, (6) Helmet outer lenses, pk of 25	04361	<.5 1
Options/Accessories		
Blast machine cover, 16"	02335	6
Metering valve, manual Quanti		9
Carbon monoxide alarm, CMS-3 Ambient Air Pumps	pkg24612	4
CALIPSO, sgl operator	25908	73
CAP-4, 4 operators w/ frame		175
CAP-4C, 4 operators w/ cart		205
Blast suit, heavy cotton/leather	r	
S (08920), M (08921), L (0892		
2XL (24201), 3XL (24202)	4	4.5 (avg.)
Blast suit, seasonal cotton/nylo		
S (22913), M (22914), L (229 2XL (22917), 3XL (25022), 4		3 (avg.)
	(_ 1000)	5 (a.g.)
Operation Manuals		

Blast Machine without Remotes .....06160

TLR100/300 Remotes ......22501 Quantum Valve .....22565

Blast Machine with



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#### 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 1648 holds 3 cubic feet of abrasive providing 15 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 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**

Field-portable, medium-duty, industrial, single-chamber blast machine rated at 150 psi working pressure. Model 1648 has 1-inch piping and holds 3 cubic feet of media (300 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.

## 3 Cuft Classic Blast Machine Systems with 1" Piping



#### **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.

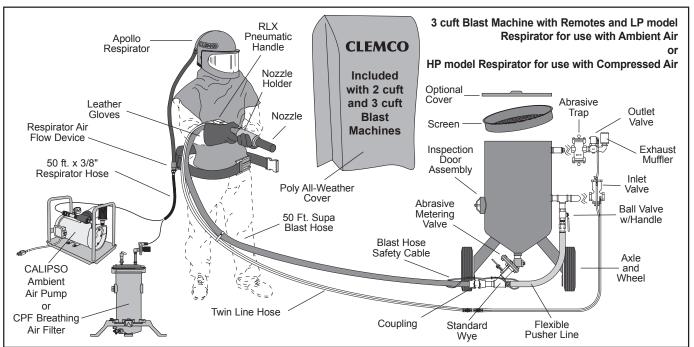
#### **Approvals and Certifications**

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).

- Field-portable, industrial-quality blast machine manufactured to ASME code.
- 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.

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Model 1648: 3 cuft Blast Ma	,		Item Description	Stock No.	Wt
with 1" piping; 150 psi work	ing pressure		Accessory Package		
			Complete accessory package	24194	
Item Description	Stock No.	Wt.	1" Air filter w/ manual drain		3
			50 ft. x 1" Supa hose w/ NHP	<b>9-1</b>	
Without remotes:			and CQPS-1		30
with FSV abrasive metering	g valve		Blast hose safety cable	15013	1.5
portable	00884	325	TMP-5 nozzle		1.5
stationary	00882	325	Blast machine screen, 16"	03099	6 2 .5
With TLR 100 remotes:			Poly all-weather cover	15097	2
and FSV abrasive metering	y valve		Leather gloves, 1 pair	02243	.5
portable	01178	330	Nylon ties, 8 ea		<.5
and Manual Quantum meter			Coupling gaskets, pk of 10	21584	.5
portable	23766	325	NW-25 nozzle washers, pk of		<.5
and Sentinel abrasive meter			Abrasive trap screens, (6)		<.5
with ACS (abrasive cut-of			Helmet outer lenses, pk of 25		1
portable		340	Helmet Int. lenses, pk of 25	24373	2
stationary		340	Options/Accessories		
-			Blast machine cover, 16"	02335	6
Systems			Metering valve, manual Quant		9
1648-100-CA	00012	435	Carbon monoxide alarm, CMS-		4
Includes: 1" piping, Blast			Ambient Air Pumps	- p g	
HP DLX (for use with com			CALIPSO, sgl operator	25908	73
Clem-Cool Air Conditioner		DI WILLI	CAP-4, 4 operators w/ frame		175
respirator hose, CPF 20 E			CAP-4C, 4 operators w/ carl	t22384	205
Accessory Package	orealling-all liller and		Blast suit, heavy cotton/leathe	er	
Accessory Fackage			S (08920), M (08921), L (08		
1648-ACS-CA	23908	435	2XL (24201), 3XL (24202)		4.5 (avg.)
Includes: 1" piping, Blast i	machine 21061,		Blast suit, seasonal cotton/ny		
Apollo 600 HP DLX respir	ator with Clem-Cool A	∖ir	S (22913), M (22914), L (22		
Conditioner (CCAC), 50 ft		F 20	2XL (22917), 3XL (25022), 4	4XL (24689)	3 (avg.)
Breathing-air filter and Acc	cessory Package		Operation Manuals		
1648-100-AA		435	Operation Manuals  Blast Machine without Remote	06160	
Includes: 1" piping, Blast			Blast Machine with	00100	
moluucs. I pipiliy, biast i	macmine o mo, Apoli	O OOO LF	Diast Machine Milli		

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

Sentinel Valve ......20951

DLX (for use with ambient air) respirator with Constant

Flow Connector (CFC), 50 ft. respirator hose, and

Accessory Package



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#### 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 1648 holds 3 cubic feet of abrasive providing 15 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 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, suppliedair 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**

Field-portable, medium-duty, industrial, single-chamber blast machine rated at 150 psi working pressure. Model 1648 has 1-1/4 inch piping and holds 3 cubic feet of media (300 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.

## 3 Cuft Classic Blast Machine Systems



#### **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.

#### **Approvals and Certifications**

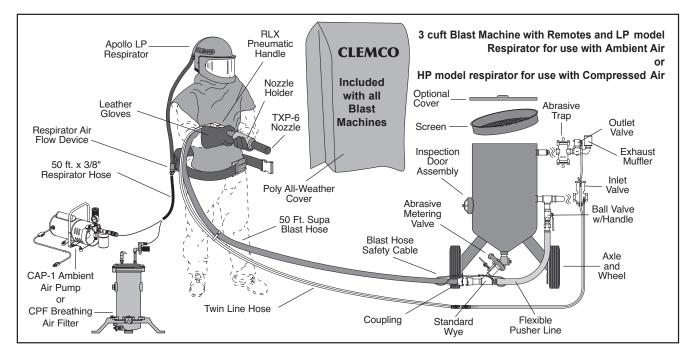
Clemco's quality management system is ISO 9001-2008 certified.

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).

- Field-portable, industrial-quality blast machine 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.

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Model 1648: 3 cuft Blast Machine			Item Description	Stock No.	Wt
with 1-1/4" piping; 150 psi working	g pressure		Accessory Package		
Item Description	Stock No.	Wt.	1-1/2" Air filter w/ manual dra 50 ft. x 1-1/4" Supa hose w/	NHP-2	40
Without remotes:			and CQPS-2Blast hose safety cable		42 1.5
with FSV abrasive metering valv	е		TXP-6 nozzle		1.5
portable		330	Blast machine screen, 16".		
stationary	01180	330	Poly all-weather cover		
With TLR 300 remotes:	•		Leather gloves, 1 pair		.5
and FSV abrasive metering valv portable		335	Nylon ties, 8 ea		
and Manual Quantum metering		333	CQGP-3 gaskets, pk of 10.		.5
portable		325	NW-32 nozzle washers, pk (		<.5
and Sentinel abrasive metering			Abrasive trap screens, (6) . Helmet outer lenses, pk of 2		<.5 1
with ACS (abrasive cut-off swit	ch)		l leimet outer lenses, pk of 2	304301	'
portable		345	Options/Accessories		
stationary	21066	345	Blast machine cover, 16"		6
Systems			Metering valve, manual Qua		9 9
Systems			Carbon monoxide alarm, CN Ambient Air Pumps	/15-222894	9
1648-300-CA		475	CAP-1, sgl operator	22383	65
Includes: 1-1/4" piping, Blast m			CAP-4, 4 operators w/ fram		175
600 HP DLX (for use with comp with Clem-Cool Air Conditioner		lOI	CAP-4C, 4 operators w/ ca		205
respirator hose, CPF 20 Breath			Blast suit, heavy cotton/leath		
Accessory Package	ing an inter and		S (08920), M (08921), L (08	8922), XL (08923),	
1648-ACS-CA	23000	485	2XL (24201), 3XL (24202)		
Includes: 1-1/4" piping, Blast m		400	Blast suit, seasonal cotton/n S (22913), M (22914), L (23		
Apollo 600 HP DLX respirator v			2XL (22917), 3XL (25022),		
Conditioner (CCAC), 50 ft. resp	irator hose, CPF 20	0		+XL (Z+000)	
Breathing-air filter and Accesso			Manuals		
1648-300-AA	23894	475	Blast Machine without Remo	otes06160	
Includes: 1-1/4" piping, Blast m	achine 01179, Apol	llo	Blast Machine with TLR300 Remotes	22501	
600 LP DLX (for use with ambi			TLR300 Nemotes		
Constant Flow Connector (CFC	5), 50 ft. respirator h	nose,	Sentinel Valve		
and Accessory Package			I		



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#### 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, suppliedair 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 with 1-1/4" piping



#### **Advantages**

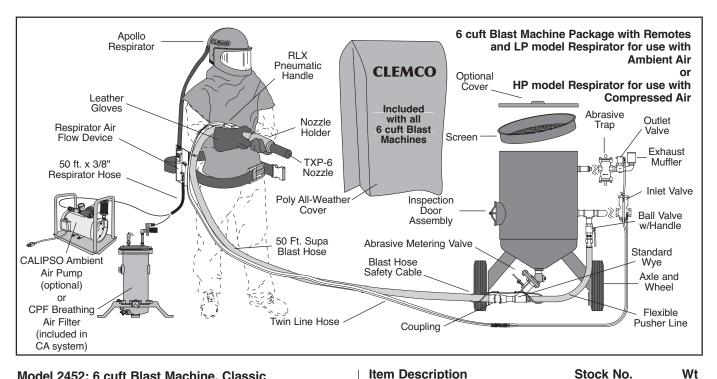
- Yard portable, industrial-quality blast machines manufactured to ASME code.
- 1-1/4-inch piping allows up to 50 percent more air flow when compared with 1-inch piping.
- Industrial-quality valves, piping and fittings designed to maximize air flow and minimize energy required to operate the system.
- 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**

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).

Email: sales@twrs.com



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 val	lve			
portable		430		
stationary With TLR 300 remotes:	01190	430		
and FSV abrasive metering val				
portable		490		
stationary and Manual Quantum metering		490		
portable		480		
and Sentinel abrasive metering	yalve			
with ACS (abrasive cut-off sw portable	itch) 21068	500		
stationary		500		
Systems				
2452-300-CA	machine 01187, Apa apressed air) respir r (CCAC), 50 ft. res	ator		
Package	ior and Accessory			
2452-ACS-CA	with Clem-Cool Air spirator hose, CPF			
2452-300-AA	nachine 01187, Apo ient air) respirator v C), 50 ft. respirator	vith hose,		

option.

Item Description	Stock No.	Wt
Accessory Package		
Complete accessory packages 1-1/2" Air filter w/ manual dr 50 ft. x 1-1/4" Supa hose w/	ain22363	8
and CQPS-2 Blast hose safety cable TXP-6 nozzle Blast machine screen, 24" Poly all-weather cover Leather gloves, 1 pair Nylon ties, 8 ea CQGP-3 gaskets, pk of 10 NW-32 nozzle washers, pk of Abrasive trap screens, (6) Helmet outer lenses, pk of 2	2348115013235250310015143022430219508853 of 109102602012	42 1.5 2 10 3 .5 <.5 <.5 <.5 1
Options/Accessories  Blast machine cover, 24"  Metering valve, manual Qua Carbon monoxide alarm, CMS	antum22845	12 9 4
Ambient Air Pumps CALIPSO, sgl operator CAP-4, 4 operators w/ fra CAP-4C, 4 operators w/ c Blast suit, heavy cotton/leat	me22530 art22384	73 175 205
S (08920), M (08921), L ( 2XL (24201), 3XL (24202) Blast suit, seasonal cotton/r	08922), XL (08923) 4 nylon	l.5 (avg.)
S (22913), M (22914), L (2 2XL (22917), 3XL (25022)	2915), XL (22916), , 4XL (24689)	3 (avg.)
Operation Manuals Blast Machine without Remo		
TLR300 RemotesTLR300 with ACS		

Sentinel Valve ......20951