



EcoQuip² Vapor Abrasive[®] Blast Equipment

The Fast, Easy, Reliable, Solution for
Surface Prep and Coating Removal

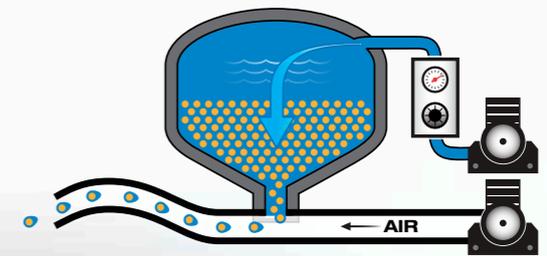
PROVEN QUALITY. LEADING TECHNOLOGY.

► What is Vapor Abrasive Blasting?

Vapor Abrasive blasting is similar to dry blasting, except that the blast media is moistened prior to impacting the surface and creates up to 92% less dust.

Less Dust Means Less Containment and Clean-up

Testing conducted by a third-party agency shows that vapor abrasive blasting suppresses up to 92% of dust compared to dry blasting. Because dust is minimized, less containment may be required and media clean-up time can be reduced. Since EcoQuip 2 uses less water than slurry or other water-based technologies, pools of water aren't left behind, and there is less need to worry about toxic runoff. The end result with EcoQuip 2 is a cleaner, better contained process.



Vapor Abrasive blasting affords fine control over the air pressure and water/abrasive mixture, allowing for blasting of a wider range of surfaces and reducing the amount of media.

► EcoQuip² Helps Expand Your Business

With EcoQuip 2, contractors are no longer limited to just one or two types of jobs. Concrete repair, coating removal, steel surface preparation and graffiti removal are all potential applications of EcoQuip 2. The versatility of EcoQuip 2 is one of the characteristics that makes this equipment so remarkable. The best part is how easy it is to switch from one application to another. EcoQuip 2 is designed to accept any media heavier than water and has a blast rating of up to 175 psi.

EcoQuip 2 applications



Coating Removal



Concrete Repair & Restoration



Concrete Cleaning



Concrete Surface Preparation



Steel Surface Preparation

▶ **EcoQuip² is the Newest Innovation in Vapor Abrasive Blasting**

Fast

- 50% faster start-up*
- 50% faster media reload process from empty*
- Faster production rates than previous Graco models and equipment with similar technology

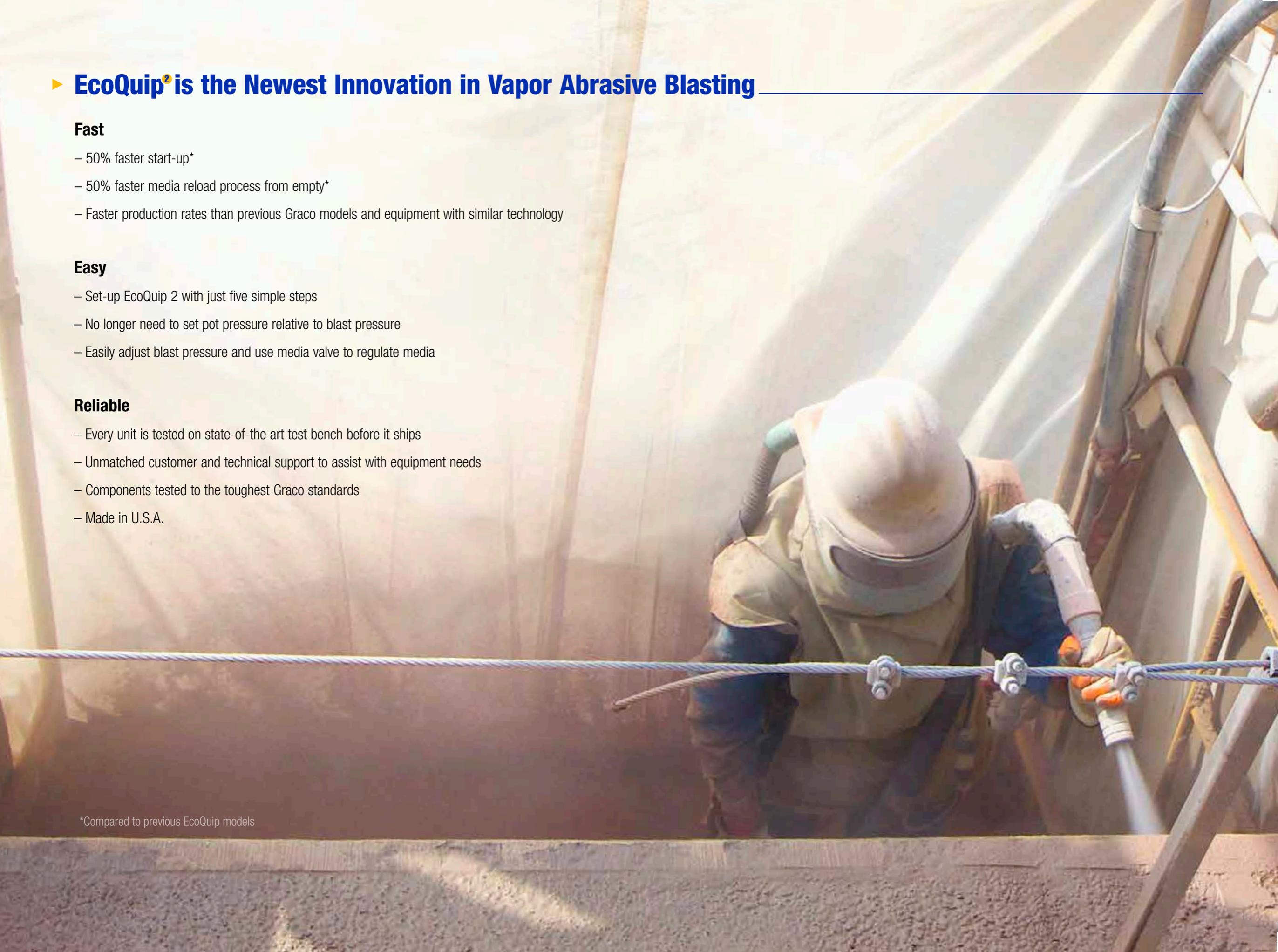
Easy

- Set-up EcoQuip 2 with just five simple steps
- No longer need to set pot pressure relative to blast pressure
- Easily adjust blast pressure and use media valve to regulate media

Reliable

- Every unit is tested on state-of-the-art test bench before it ships
- Unmatched customer and technical support to assist with equipment needs
- Components tested to the toughest Graco standards
- Made in U.S.A.

*Compared to previous EcoQuip models



► Built With You in Mind

The Graco EcoQuip 2 Vapor Abrasive Blast Equipment is engineered with the kind of features that will make your work day more efficient and productive. It's exhaustively tested and re-tested to make sure every detail works to Graco's industry leading standards of excellence.

Air inlet filter/ball valve

- Protects blast circuit from incoming debris
- Convenient shut-off point

Lift rings

- 5x loaded lift capacity

Heavy-duty roto-molded tank

- Water hose hook-up
- Capacity for typical 8-hr day

Ventless pot

- No trapped air - consistent blast pattern
- 50% more usable capacity than previous EcoQuip models
- Two layer A-coat/ powder coat for maximum corrosion resistance
- Patent-pending

Hose rack

- Convenient storage for ease of use

Pallet jack and fork truck accessible

- Easy to move
- Access from all sides

Media shelf

- Easier bag load management



EcoQuip 2 EQs elite

MediaTrak™

- Easily monitors media usage

Abrasive meter

- Set abrasive meter for desired performance

Water inlet filter

- See-through design for easy maintenance

Improved funnel design

- 30% faster media fill speed than previous EcoQuip models



Easy-step

- Reduces fatigue
- Folds in for storage

Engineered blast circuit

- Smooth flow design for minimal pressure drop
- Handles low and high air flow/pressure applications

Fast take-down blast circuit

- Easy to service

Improved pinch valve

- Handles coarse and fine media (12-150 grit)
- Removable hose for service
- Engineered for long life

Dual blast-control

- Allows for both electric or pneumatic blast control hoses
- Patented design

EcoQuip 2 EQs elite



Blast pressure regulator

- Set blast pressure for desired performance

Water dose meter

- Additional dust-suppression

Graco water pump

- Enclosed, spring loaded throat seal
- Easy to service air valve



Factory set pot pressure

- No in-field adjustments required
- Consistent blast performance
- Patent-pending

► Determine the Pressure Setting for Your Application

Determining the correct blast pressure for an application is dependent on abrasive media type and nozzle size. There isn't a cut and dry answer and it often varies depending on the project specifications. However, there are general guidelines that many blasters follow. The illustration below depicts typical pressures for common applications. It's always best to start at a lower pressure and work your way up.



56-90 psi

Concrete Cleaning, Building Restoration, Line Stripe Removal, Pitted Paint Removal, Rust Removal, Loose Mill Scale Removal

25-55 psi

Monument Restoration, Cleaning Soft Stone, Wood, Aluminum, Restoration and Remediation, Efflorescence Removal, Graffiti Removal, Parts Cleaning

91-120 psi

Concrete Surface Prep, Exposing Aggregate, Steel Surface Prep, Mill Scale and Coating Removal



121-175 psi

White Metal Blast to Near White Metal Blast, Tight Mill Scale Removal, Removal of Layered Coatings and Polyurea Removal



Remember... the size of your compressor and the cfm output greatly influences what your pressure setting will be and what nozzle to choose. See manual #3A3489 for more information.

► Choosing the Right Abrasive for the Application

As a general rule, the finest abrasive necessary to attain the required surface preparation characteristics should be used.

A fine abrasive will give more impacts per volume. The more particles in the stream, the more work is accomplished in the same time. When blasting softer surfaces like concrete or wood, less abrasive media should be used.

Some examples include crushed glass, glass bead, fine garnet, baking soda or walnut shells.

When preparing iron and steel for a protective coating system, there are additional considerations. Coatings adhere poorly to hard, flat surfaces, so the blaster is required to develop a pattern of indentations that the coating can anchor to, also known as the anchor pattern. Below is an example of some common media types.

Abrasives*



Garnet



Crushed Glass



Coal Slag



Glass Beads



Plastic



Walnut Shells



Baking Soda

MESH SIZE	30 - 120	30 - 400	12 - 80	30 - 325	12 - 80	6 - 100	40 - 325
HARDNESS (MOHS)	7 - 7.5 MOHS	5.5 - 7 MOHS	6 - 7.5 MOHS	5.5 - 6 MOHS	3 - 4 MOHS	3 - 4 MOHS	2 - 2.5 MOHS
DENSITY (Spec. Grav.)	3.5 - 4.3 SG	2.5 SG	2.7 SG	2.5 SG	1.5 SG	1.2 - 1.35 SG	2.2 SG
SHAPE	Sub Angular	Angular	Angular/ Sub-Angular	Rounded	Angular	Sub-Angular	Sub-Angular
COST	\$\$\$	\$	\$	\$\$\$	\$\$\$	\$\$\$	\$\$
PROFILE							
COMMON APPLICATIONS	Concrete and Steel Surface Preparation, Rust, Layered Coating and Mill Scale Removal	Concrete Surface Preparation, Concrete Restoration & Repair, Fiberglass Paint Removal	Steel Surface Preparation, Rust, Coating and Mill Scale Removal	Cleaning Wood, Aluminum and Other Soft Surfaces, Efflorescence Removal	Cleaning Soft, Delicate Surfaces, Aircraft, Auto and Boat Part Cleaning	Cleaning Wood, Aluminum and Other Delicate Surfaces, Paint, Dirt or Grease Removal	Graffiti Removal, Brick and Sandstone Cleaning, Auto Body and Parts Restoration

*EcoQuip handles any abrasive media heavier than water.

► EcoQuip² Technology Leads the Way



Precision and Control

Monitoring abrasive with precision and control is an exclusive feature from Graco. EcoQuip 2 uses MediaTrak and an abrasive meter to quickly and easily set and monitor abrasive consumption rate. The simple, user-friendly screen helps you set media flow to optimal levels for the most effective blast. It tracks pump cycle rate and keeps a grand total so you can schedule maintenance at regular intervals to ensure you always get the best performance from EcoQuip 2.

EcoQuip 2 EQm

Compact, fully portable entry level unit

The built-in hand truck with over-sized wheels makes the EQm easy to move around the jobsite. Don't let the size fool you, this compact blaster is capable of handling any type of project, from cleaning to surface preparation.

- Fits in the bed of most standard pickup trucks
- Blast pressure ranging from 25-175 PSI (1.7-12.1 bar)
- Oversized wheels for easy portability
- Pot size of 3.5 cubic ft (99.1 L) - holds approximately (8) 55 lb bags of media



Model	PN	BLAST CONTROL			Description
		Pneumatic*	Electric*	ATEX	
EQm	262950				Mobile units have coated enclosure and water inlet regulator for hose connection.
EQm	262952*	X			
EQm	262953*		X		
EQm	262954*	X		X	

*Packages include 50 ft (15 m) blast hose with electric or pneumatic blast controls (machine accepts either type of hose), #7 standard nozzle and tool kit.

EcoQuip 2 EQs

High production, entry level skid unit

Graco's EcoQuip 2 EQs vapor blasting equipment is a standalone unit designed to tackle most typical blasting projects. The EQs is built according to tough standards and can be stacked safely on a platform or a ship deck.

- Entry level skid with same performance as higher production units
- Fits inside a 6 ft truck bed for easy transport
- Coated crash frame and enclosure
- 6.5 cubic ft (184 L) pot - holds approximately (16) 55 lb bags of media



Model	PN	BLAST CONTROL			Description
		Pneumatic*	Electric*	ATEX	
EQs	262960				Standard models have coated crash frame and enclosure.
EQs	262962*	X			
EQs	262963*		X		
EQs	262964*	X		X	

*Packages include 50 ft (15 m) blast hose with electric or pneumatic blast controls (machine accepts either type of hose), #8 standard nozzle and tool kit.

EcoQuip 2 EQs elite

High production, fully-loaded system

The EcoQuip 2 EQs Elite is built for contractors that want the best. Equipped with a stainless steel crash frame and enclosure, hose rack, step, media strainer, water dose valve and a media shelf, this fully-loaded system makes it easy to get setup faster and start making money.

- Fits inside a 6 ft truck bed for easy transport
- Built to handle the toughest work conditions
- Crash frame supports 5x lift rating of machine
- 6.5 cubic ft (184 L) pot - holds approximately (16) 55 lb bags of media



Model	PN	BLAST CONTROL			Description
		Pneumatic*	Electric*	ATEX	
EQs elite	262970				Elite models include SST crash frame, SST enclosure, water dose valve, bag management (step & shelf), hose rack, air inlet filter/ball valve and media strainer kit.
EQs elite	262972*	X			
EQs elite	262973*		X		
EQs elite	262974*	X		X	

*Packages include 50 ft (15 m) blast hose with electric or pneumatic blast controls (machine accepts either type of hose), #8 HP nozzle and tool kit.

► EcoQuip² Technology Leads the Way

EcoQuip 2 EQs2 elite

Twice the production rate

EcoQuip EQs2 operates on a single compressor with two nozzles to double your production rate, which makes your big jobs a more profitable task. Now you don't have to worry about bringing two separate skid units to the job.

- Two 6.5 cubic ft (184 L) blast pots, two 50 ft (15 m) Graco blast hose, two #8 HP nozzles, two electric or pneumatic blast controls
- Water dose valve, step, media shelf, hose rack, air inlet filter/ ball valve and media strainer kit
- Stainless steel crash frame and enclosure



BLAST CONTROL					
Model	PN	Pneumatic*	Electric*	ATEX	Description
EQs2 elite	262980				Elite models include SST crash frame, SST enclosure, water dose valve, bag management (step & shelf), hose rack, air inlet filter/ ball valve and media strainer kit.
EQs2 elite	262982*	X			
EQs2 elite	262983*		X		
EQs2 elite	262984*	X		X	
EQs2 elite	262984*	X		X	

*Packages include 50 ft (15 m) blast hose with electric or pneumatic blast controls (machine accepts either type of hose), #8 HP nozzle and tool kit.

EcoQuip 2 EQ400t elite

Largest towable abrasive blasting trailer complete with integrated blast system and diesel compressor

The EcoQuip 2 EQ400t vapor blast machine is designed for the toughest high production projects and comes with two compressor options. The first option is a Tier 3 compressor with 375 CFM @ 125 PSI. The second option is a Tier 4i compressor with 425 CMF @ 175 PSI.



BLAST CONTROL					
Model	PN	Pneumatic*	Electric*	Emissions	Description
EQ400t elite	262993			T3	All trailers are elite models, which include water dose valve and SST enclosure.
EQ400t elite	262994*	X		T3	
EQ400t elite	262995*		X	T3	
EQ400t elite	262996			T4i	
EQ400t elite	262997*	X		T4i	
EQ400t elite	262998*		X	T4i	
EQ400t elite	262998*		X	T4i	

*Packages include 50 ft (15 m) blast hose with electric or pneumatic blast controls (machine accepts either type of hose), #8 HP nozzle and tool kit.

EcoQuip 2 EQ200t elite

Mid-tier towable abrasive blasting trailer complete with integrated blast system and diesel compressor

Designed for mid to high production projects, the EQ200t mobile vapor abrasive blasting equipment is self-contained with trailer, engine, and 200 CFM @ 125 PSI compressor, making it ready to go.



BLAST CONTROL					
Model	PN	Pneumatic*	Electric*	Emissions	Description
EQ200t elite	262990			T4i	All trailers are elite models, which include water dose valve and SST enclosure.
EQ200t elite	262991*	X		T4i	
EQ200t elite	262992*		X	T4i	

*Packages include 50 ft (15 m) blast hose with electric or pneumatic blast controls (machine accepts either type of hose), #7 HP nozzle and tool kit.

Graco Tool Kit

Every EcoQuip 2 model is equipped with a Graco tool kit. The kit includes spare check valve, blast circuit wrenches, nozzle and cam-lock gaskets, spare fuses, TSL, whip-checks for blast hoses, 12 volt connection cable for electric blast hoses, pressure verification tool and blast circuit wrenches. Elite models are additionally equipped with the media pot strainer.



► EcoQuip² Blast Hose and Accessories

Graco Blast Hose

Designed for flexibility and ergonomics, Graco blast hose can reduce fatigue and improve jobsite efficiencies while withstanding rugged blasting environments. Graco branding and identification of its standard 175 psi (12 bar, 1.2 MPa) pressure rating, 1.00 in or 1.25 in diameter helps customers easily know which hose to use with EcoQuip 2 vapor abrasive blast equipment. Brass fittings are designed to last longer than plastic and are used on both standard and elite units. The new Graco hoses are also grounded for ATEX marked equipment.



Graco Nozzle Extension and Handles

Blasting on horizontal or large vertical surfaces is tough duty. Use Graco nozzle extensions and either a square or side handle for less fatigue to tackle the toughest jobs. The extension goes between the hose and any Graco nozzle. The kit comes with both handles for convenience.

Graco Nozzles

Graco now offers eight nozzle choices to fit the wide range of blasting applications in commercial and industrial markets. Nozzles have an easy-grip knurl on the outside and a silicon carbide blend insert for long life. Branded blue for Graco means exceptional wear resistance and performance you can depend on.

Available in the following standard and high performance sizes:

7, 8, 10, 12, 6 HP, 7 HP, 8 HP, 10 HP



EcoQuip 2 Accessories Ordering Information

Hoses

26A074	Blast hose, replacement, 50 ft (15 m), electric, 1.00 in ID	25A254	Bull hose, 1.5 in x 50 ft (7.6 m)
26A075	Blast hose, replacement, 50 ft (15 m), pneumatic, 1.00 in ID	17D788	Blast control switch, pneumatic
26A076	Blast hose, extension, 50 ft (15 m), electric, 1.00 in ID	17L331	Blast control switch, electric
26A077	Blast hose, extension, 50 ft (15 m), pneumatic, 1.00 in ID	17D786	Hose restraint / whip check
26A024	Blast hose, replacement, 50 ft (15 m), electric, 1.25 in ID	17D787	Blast hose coupler pin kit (6 pack)
26A025	Blast hose, replacement, 50 ft (15 m), pneumatic, 1.25 in ID	17C124	Gasket, hose coupler. Fits either 1.0 or 1.25 in ID hose
26A026	Blast hose, extension, 50 ft (15 m), electric, 1.25 in ID	17K376	Cable, adapter, blast control, for using EQ2 blast hose on EQ1 systems
26A027	Blast hose, extension, 50 ft (15 m), pneumatic, 1.25 in ID	17L273	Coupler, 1.25 in ID hose, brass
25A253	Bull hose, 1.5 in x 25 ft (7.6 m)	17L309	Gasket, abrasive hose cam lock (10 pack)

Nozzles

17J859	Nozzle, #7 standard	17J858	Nozzle, #10 high performance
17J860	Nozzle, #8 standard	26A029	Kit, nozzle extension, 24 in (0.6 m) with handles
17J861	Nozzle, #10 standard	17J958	Kit, nozzle pressure verification
17J862	Nozzle, #12 standard	17L119	Kit, gasket, blast nozzle (5 pack)
17K898	Nozzle, #6 high performance	17L274	Nozzle holder, 1.25 in ID hose, brass
17J855	Nozzle, #7 high performance	17L276	Nozzle holder, 1.0 in ID hose, brass
17J856	Nozzle, #8 high performance		

Accessories

17G833	Kit, hose rack, SST, skid elite units	17K058	Kit, water dose upgrade
17K025	Kit, pot strainer	206994	Kit, Throat seal liquid
17K026	Kit, bag shelf, SST, elite skid units	17B186	Kit, pump repair, fluid section
17K045	Kit, water tank inlet with float valve	17C129	Kit, main air regulator repair, mobile unit
17L332	Kit, pump inlet filter	17C131	Kit, main air regulator repair, skid or trailer units
26A007	Kit, step, skid unit	17K051	Kit, pinch hose replacement
26A022	Kit, demo water tank, 25 gal (95 L), EQM	24Z005	Kit, inlet ball valve/strainer kit, EQ2 units
26A093	Kit, water tank filter w/adaptor (5 pack)	17D790	Kit, gasket, handway



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Graco Has You Covered

Facilities Worldwide for Global Support



Quality First

At Graco we pride ourselves on providing best-in-class products. Engineered solutions are manufactured in our own facilities, with the highest standards in the industry. We provide you with world-class customer support and expertise to help solve your application challenges.



Global Reach

Graco has facilities across the globe to provide you with the products and service you need, where you live. Plus, Graco has dedicated field experts in all areas of the world to support the products we sell.



Product Capabilities

Graco has a broad range of products that are engineered and tested to perform in the harshest environments so you can be certain your equipment is protected and working at peak performance.

Contact us today! Call 866-361-5959 to talk with a Graco representative, or visit www.graco.com for more information.