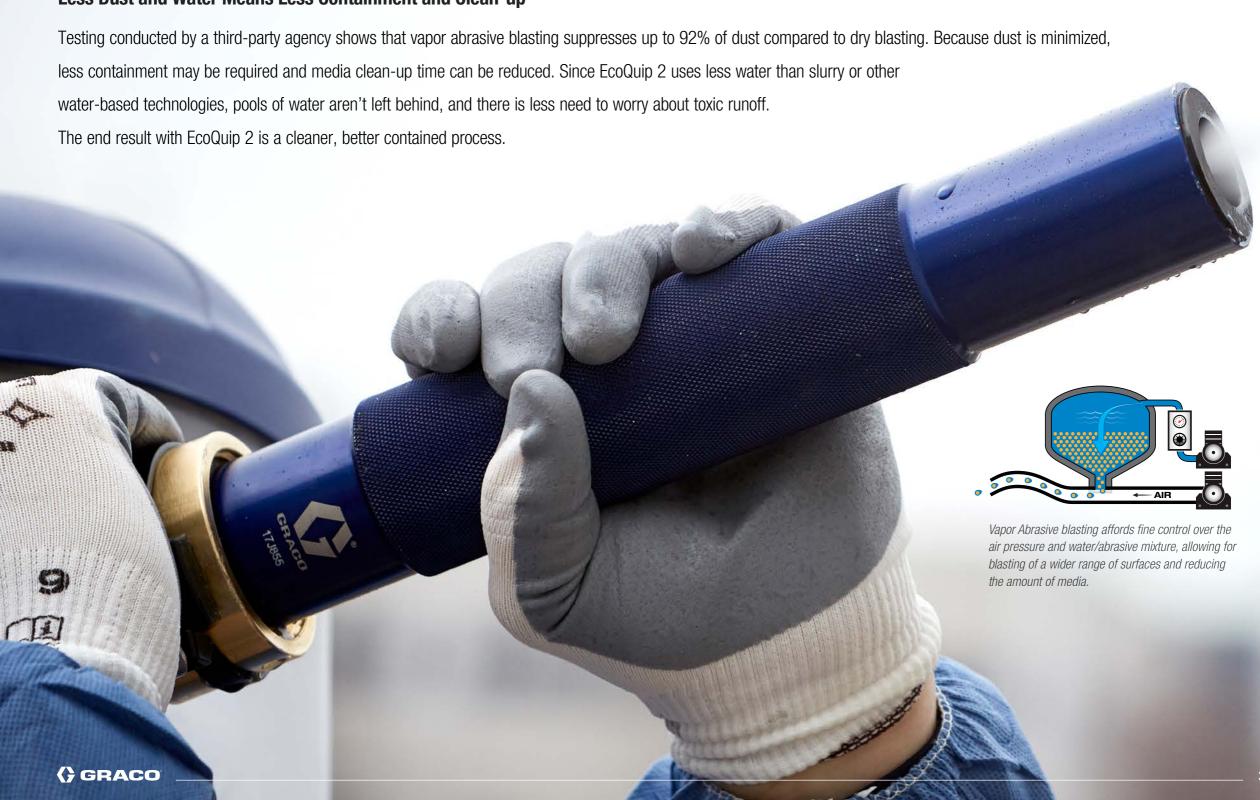


Redefining the Abrasive Blasting Industry with EcoQuip<sup>e</sup> **Fast** · Quickly adjust blast pressure and media flow • Maximum blast pressure up to 175 psi (10.3 bar) allows the operator to achieve fast removal rates Engineered blast circuit with minimal pressure drop Easy • Set up EcoQuip 2 with just five simple steps • Fixed pot pressure eliminates setting pot pressure relative to blast pressure • Simple, user-friendly MediaTrak screen helps you set media flow to optimal levels 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. **()** GRACO

# 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 and Water Means Less Containment and Clean-up**



# **EcoQuip** Helps Expand Your Business

EcoQuip 2 is not only versatile, but it's easy to use, allowing contractors to expand their business capabilities to include blasting. Whether you are looking to remove old paint from the siding on a home, strip paint off automotive parts, clean graffiti off concrete, or provide surface preparation for a ship, EcoQuip 2 handles it all.

### **EcoQuip 2 applications**



Wood and Brick Cleaning



Coating and Paint Removal



Concrete Repair and Restoration



Concrete Cleaning and Surface Preparation



Steel Surface Preparation

# A Range of Pressure Settings for Any Application

Determining the correct blast pressure depends on the application, abrasive media type and production requirements.

There isn't a cut-and-dried answer as 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.



## EcoQuip Works With a Variety of Abrasives

Media can be expensive, so you want a machine that uses the least amount possible to get the job done quickly while providing good control over water and media usage. EcoQuip 2 uses MediaTrak and an abrasive meter to quickly and easily set and monitor the abrasive consumption rate. MediaTraks® user-friendly screen helps you set media flow to optimal levels for the most effective blast. It tracks the 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.

In addition, Graco's EcoQuip 2 handles a range of media sizes from coarse to fine (12 - 150 grit), any media heavier than water, and one that won't rust in the tank (i.e. steel shot). **Below is an example of some common media types**.

#### Abrasives\* Coal Slag Walnut Shells Garnet **Crushed Glass Glass Beads Plastic 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.) 2.2 SG 3.5 - 4.3 SG 2.5 SG 2.7 SG 2.5 SG 1.5 SG 1.2 - 1.35 SG SHAPE Angular/ Sub-Angular Sub Angular Angular Rounded Angular Sub-Angular Sub-Angular COST \$\$\$ \$\$ \$\$\$ \$\$\$ \$\$\$ **PROFILE** Concrete and Steel Concrete Surface Preparation, Steel Surface Preparation, Cleaning Wood, Aluminum Cleaning Soft, Cleaning Wood, Aluminum Graffiti Removal, Brick and COMMON Surface Preparation, Rust, Concrete Restoration & and Other Soft Surfaces, Delicate Surfaces, Aircraft, and Other Delicate Surfaces, Rust, Coating and Sandstone Cleaning, Auto **APPLICATIONS** Layered Coating and Mill Repair, Fiberglass Mill Scale Removal Efflorescence Removal Auto and Boat Part Cleaning Paint, Dirt or Grease Removal Body and Parts Restoration Scale Removal Paint Removal

<sup>\*</sup>EcoQuip handles any abrasive media heavier than water.



# EcoQuip EQp is the Portable Solution

Whether you need our smaller more portable EQp, a larger skid unit for high production jobs, or both machines to handle a range of projects, Graco's EcoQuip 2 line provides a seamless experience with equipment that is easy to use.





### Built With You in Mind

All 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.



### Double Your Production With One Machine.

Multiple factors need to be considered when selecting the correct surface preparation equipment for large projects. Equipment that has a high-production rate, and the capability to complete the job quickly, allows for a marine vessel, storage tank, pipe or other asset to be returned to service quickly.



# Which System is Right For You?

The Graco EcoQuip 2 line of Vapor Abrasive Blast equipment is built with your needs in mind. Depending on your job requirements, Graco has you covered.



<sup>\*</sup> Works with EcoQuip EQm and EQp 25 gallon water tank.



# **EcoQuip\* Technology Leads the Way**

### **EcoQuip 2 EQp**

Powerful. Portable. Professional.

Weighing only 220 lbs (99.8 kg), the EQp is easy to take from one surface preparation job to another. This powerful machine can blast up to 150 psi and can handle most of what a 375 cfm compressor delivers, but is optimized to work well with a 185 cfm compressor. In addition, it can blast for up to 90 minutes between refills.

- Portable cart with lift handles weighs only 220 lbs (99.8 kg)
- Low water usage, less mess uses less than 1 gt/min of water
- Blast pressures up to 150 psi (10.3 bar)
- Pot size of 2.0 cubic ft (57 L) holds approximately (4) 55 lb bags of media

		BLAST CONTROL		
Model	PN	Pneumatic*	ATEX	Description
EQp	278860			
EQp	278861*	X	Х	Portable units have coated enclosure and water inlet regulator for hose connection.
EQp	278862*	Χ	Х	water inject regulator for mose confidential.

<sup>\*</sup>Packages include 50 ft (15 m) blast hose with pneumatic blast controls, #5 or #6 standard nozzle.

### **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 set 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  BLAST CONTROL							
Model	PN	Pneumatic*	Electric*	ATEX	Description		
EQs	262960						
EQs	262962*	Х			Standard models have coated crash frame and enclosure.		
EQs	262963*		Х		Joinnard models have coated Grash hathe and enclosure.		
ΓΩο	262064*	V		v			

<sup>\*</sup>Packages include 100 ft (30 m) of blast hose for pneumatic blast controls and 150 ft (45 m) of blast hose for electric blast controls, and # 8 HP nozzle.



#### Portable, mid-sized unit

With a small footprint and built-in hand truck with over-sized wheels, the EQm is ideal for small jobsites and blasting in unconventional areas. In addition, this compact blaster is capable of handling any type of project, from cleaning to surface preparation.

- Stand-alone unit on wheels
- 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 L) holds approximately (8) 55 lb bags of media



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

<sup>\*</sup>Packages include 100 ft (30 m) blast hose with electric or pneumatic blast controls (machine accepts either type of hose), #7 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, media strainer, water dose valve, this fullyloaded 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

RI AST CONTROL



		DEA01 00	MINOL		
Model	PN	Pneumatic*	Electric*	ATEX	Description
EQs elite	262970				
EQs elite	262972*	Χ			Elite models include SST crash frame, SST enclosure, water dose
EQs elite	262973*		Х		valve, air inlet filter/ball valve and media strainer kit.
EQs elite	262974*	Х		Χ	

<sup>\*</sup>Packages include 100 ft (30 m) of blast hose for pneumatic blast controls and 150 ft (45 m) of blast hose for electric blast controls, and # 8 HP nozzle.



# EcoQuip Technology Leads the Way.



### **EcoQuip 2 EQs Dual Line**

Twice the production rate

Graco's EcoQuip EQs Dual Line features two outlets and a large pressure pot capable of blasting up to four hours with two blasters at once. Select a skid with the 120 gallon water tank for job sites without a pressurized water source. Get your project up and running quickly with this high production machine.

	NTROL	© toolu	F Bit Deat Line
0	NTROL		
k	Electric*	ATEX	Description

				- 1	
Model	PN	Pneumatic*	Electric*	ATEX	Description
EQs Dual Line	282950				
EQs Dual Line	282952*	Х			Dual Line models include a 12 cubic ft (340 L) blast pot,
EQs Dual Line	282953*		Х		high capacity water pump and a single control panel.
EQs Dual Line	282954*	Х		Х	

<sup>\*</sup>Packages include (2) 100 ft (30 m) of blast hose for pneumatic blast controls and (2) 150 ft (45 m) of blast hose for electric blast controls and (2) #8 HP nozzles.

Model	PN	Pneumatic*	Electric*	ATEX	Description
EQs Dual Line	282960				
EQs Dual Line	282962*	Х			Dual Line models include a 12 cubic ft (340 L) blast pot, 120 gallon water tank, high capacity water pump and a single
EQs Dual Line	282963*		Х		control panel.
EQs Dual Line	282964*	Χ		Х	control parion

\*Packages include (2) 100 ft (30 m) of blast hose for pneumatic blast controls and (2) 150 ft (45 m) of blast hose for electric blast controls and (2) #8 HP nozzles.

### **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 is a self-contained trailer with engine and compressor (210 CFM @ 100 PSI). The trailer also comes without a compressor, making it easy to add your own.



	Model	PN	Emissions	Description
=	EQ200t elite	279990	T4f	Trailer is elite model, which includes water dose valve, SST enclosure and kit.  Blast hose and nozzle*sold separately.
	EQ200t elite	279960		Same package as PN 279990, but without a compressor.

<sup>\*</sup>Electric or pneumatic blast controls ordered separately.

### **EcoQuip 2 EQ400t elite**

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

The EcoQuip 2 EQ400t is designed for the toughest high production projects and comes with two trailer options.

Select a Tier 4f compressor (400 CMF @ 150 PSI)

BLAST CO

or add your own compressor and order the compressor-less trailer.

compressor		0	
toughest high ailer options. 150 PSI)	0	() GRAC	O S Section

Model	PN	Emissions	Description
EQ400t elite	279980	T4f	Trailer is elite model, which includes water dose valve, SST enclosure and kit. Blast hose and nozzle*sold separately.
EQ400t elite	279970		Same package as PN 279980, but without a compressor.

<sup>\*</sup>Electric or pneumatic blast controls ordered separately.



# EcoQuip 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 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





the toughest jobs. The extension goes between the hose and any Graco nozzle. The kit comes with both handles for convenience.

#26A029 shown

### **Graco Nozzles**

for ATEX marked equipment.

Graco now offers eight nozzle choices to fit the wide range of blasting applications in commercial and industrial markets.

Nozzles have a silicon carbide blend insert for long life.

Available in the following stainless steel, standard and high performance sizes:

- #3 SST, #4 SST, #5 SST (for .05 in hose)
- #5, #6, #7, #8, #10, #12, #6 HP, #7 HP, #8 HP, #10 HP (for 1 in or 1.25 in hose)















# Blast Hose Ordering Information

### **Blast Hoses**

### Pneumatic Blast Control

24Z140	1/2 in Pneumatic control blast hose, 50 ft (15 m)
24Z141	1/2 in Pneumatic extension blast hose, 50 ft (15 m)
26A075	1 in Pneumatic control blast hose, 50 ft (15 m)
26A077	1 in Pneumatic extension blast hose, 50 ft (15 m)
26A025	1.25 in Pneumatic control blast hose, 50 ft (15 m)
26A027	1.25 in Pneumatic extension blast hose, 50 ft (15 m)

### **Blast Hoses**

#### Electric Blast Control

26A074	1 in Electric control blast hose, 50 ft (15 m) (mini plugs)
26A076	1 in Electric extension blast hose, 50 ft (15 m) (mini plugs)
28A074	1 in Electric control blast hose, 50 ft (15 m) (standard plugs)
28A076	1 in Electric extension blast hose, 50 ft (15 m) (standard plugs)
26A024	1.25 in Electric control blast hose, 50 ft (15 m) (mini plugs)
26A026	1.25 in Electric extension blast hose, 50 ft (15 m) (mini plugs)
28A024	1.25 in Electric control blast hose, 50 ft (15 m) (standard plugs)
28A026	1.25 in Electric extension blast hose, 50 ft (15 m) (standard plugs)

### **Blast Hose Parts & Accessories**

17D788	Pneumatic blast control switch
17L331	Electric blast control switch (mini plug)
EQ5194	Electric blast control switch (standard plug)
17D786	Hose restraint / whip check
17D787	Blast hose coupler pin kit (6 pack)
17C124	Hose couple gasket. Fits either 1 or 1.25 in hoses
24X746	Pneumatic blast control hose replacement, 55 ft (16.8 m)
24X744	Pneumatic blast control hose extention, 55 ft (16.8 m)
17L471	Electric blast control replacement cable, 55 ft (16.8 m) (mini plugs)
17F506	Electric blast control replacement cable, 55 ft (16.8 m) (standard plugs)
17L273	Blast hose coupler replacement kit for 1 or 1.25 hose
17L274	Nozzle holder replacement kit for 1 or 1.25 hose
17R843	Nozzle holder replacement kit for 1/2 in hose
17R844	Blast hose coupler replacement kit for 1/2 in hose

### **Bull Hoses**

25A253	1.5 in Bull hose, 25 ft (7.6 m)
25A254	1.5 in Bull hose, 50 ft (15 m)



# System Accessories & Nozzle Ordering Information

### **System Parts & Accessories**

EQm - EQ Skids

**17K051** Pinch hose replacement kit

**19A746PKG** Pinch hose replacement kit, #2 hose for EQs Dual Line

17D790 Handway gasket kit

17C129 EQm main air regulator repair kit17C131 EQ skid main air regulator repair kit

**17B186** Water pump repair kit

**17L046** Abrasive ball valve replacement kit

24Z005 Inlet ball valve/strainer kit

26A022 EQm water tank kit
17K058 Water dose upgrade kit
206994 Throat seal liquid kit
17K025 Pressure pot strainer kit
17L332 Pump inlet filter kit

**26A093** Water tank filter kit (5 pack)

#### EQp Systems

17R840	Pinch hose replacement kit
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**17R833** Abrasive ball valve replacement kit

**24Z788** EQp water tank kit **24Z789** Water dose kit

17R834 Water pump lower kit17R835 Water pump repair kit

17R849 Blast regulator replacment kit17R850 Blast regulator repair kit

**17R842** Rinse line kit

17R851 Blast circuit gasket kit 17R847 Control air filter kit

#### **Nozzles**

#### Standard Nozzles

17R023	#3 Nozzle for 1/2 in blast hose
17R024	#4 Nozzle for 1/2 in blast hose
17R025	#5 Nozzle for 1/2 in blast hose
17R451	#5 Nozzle for 1 or 1.25 in blast hose
17K897	#6 Nozzle for 1 or 1.25 in blast hose
17J859	#7 Nozzle for 1 or 1.25 in blast hose
17J860	#8 Nozzle for 1 or 1.25 in blast hose
17J861	#10 Nozzle for 1 or 1.25 in blast hose
17J862	#12 Nozzle for 1 or 1.25 in blast hose

#### High Performance Nozzles

17K898	#6 High Performance Nozzle for 1 or 1.25 in blast hose
17J855	#7 High Performance Nozzle for 1 or 1.25 in blast hose
17J856	#8 High Performance Nozzle for 1 or 1.25 in blast hose
17J858	#10 High Performance Nozzle for 1 or 1.25 in blast hose

#### Nozzle Parts & Accessories

24Z931	1/2 in nozzle extension with handles
26A029	1 in nozzle extension with handles
17L119	Blast nozzle gasket kit (5 pack)

**17J958** Nozzle pressure verification kit for 1 or 1.25 in blast hoses





### **GRACO HEADQUARTERS**

#### **WORLDWIDE HEADQUARTERS**

Graco Inc. 88-11th Avenue N.E. Minneapolis, MN 55413 Tel: 612-623-6000

make changes at any time without notice.

## **Graco Has You Covered**

Facilities Worldwide for Global Support



### **Commitment to Quality Since 1926**

When you choose Graco, you're investing in high-quality products built to last for years of reliable service. Moreover, we partner with our customers to better understand how you're deploying our products in the field, then use your experiences to improve performance and durability. Our goal is to exceed your quality expectations for equipment longevity, reliability and performance every day.



### **Local Distribution and Support**

Graco partners with authorized distributors across the globe to provide you with local sales and service support, application expertise and availability of inventory. Graco's has dedicated field experts in all areas of the world to support the products we sell so you can be assured of getting the answers you need when you need them.



### **Customer Service You Can Count On**

No matter where your team is in the world, we strive to provide the best customer service in the industry. We call it Graco's A+ Service. Graco's A+ Service philosophy is our promise to only deliver top-shelf (A+) service to every customer, every time. We'll listen to the situation and work to resolve it as quickly as we can.

### Contact us today!

