



EcoQuip[®]

Vapor Abrasive[®] Blast Equipment

Contact: Norton Sandblasting Equipment * www.nortonsandblasting.com * info@nortonsandblasting.com
757.548.4842 * 800.366.4341 * 1006 Executive Blvd. Chesapeake, VA 23320 * 7:30 am - 4:30 pm Eastern Time



PROVEN QUALITY. LEADING TECHNOLOGY.

EcoQuip Vapor Abrasive Blast Equipment

Maximum blast power, minimal dust

Vapor Abrasive blasting: A cleaner, easier path to profitable results

No longer is it necessary to put up with the high cost of purchasing, cleaning up and disposing of large volumes of media to achieve quality results in record time.

EcoQuip's Vapor Abrasive technology gives you an equally powerful blast that works quickly like dry blasting, but requires a fraction of the media and the time required to clean it up. That leaves you with savings in material, labor and disposal costs, which you can turn into profit.

Less dust than dry blasting, less water than traditional water-based blasting

EcoQuip Vapor Abrasive technology differs significantly from dry, slurry and traditional water-based blast methods. EcoQuip employs its own patent-pending GRX Flow Dynamics technology, which optimizes the air, water and media ratio. The result is a fine mist with a blast that is powerful like the dry method, but with up to 92 percent less airborne dust.

Unlike conventional wet blasting, the mist expelled by EcoQuip quickly evaporates. No pools of water left behind. No toxic runoff to worry about. And because EcoQuip uses significantly less media than wet blasting, clean-up is minimal.*

The result is a cleaner, better-contained process that current customers will appreciate and future customers will prefer.

Individual results may vary. If hazardous materials are being blasted, containment or clean-up may be required.

"The EcoQuip EQ600 was the only solution found that could clean the efflorescence of the stone buildings at Virginia Tech quickly and efficiently without damaging the stone, the mortar and the concrete cast. The versatility of the EQ600 to blast at extremely low pressures, and at the same time allow for a high volume rinse, gave us unbelievable results."

- David J. Funk,
D&D Solutions

"Before we got EcoQuip, we blasted at night to avoid complaints about the dust. Now we can blast during the day, which is much more convenient, and air quality during blasting is much better."

- Frank Wheatley,
Colonna's Shipyard Inc.

"We used an EcoQuip vapor blast unit to blast the interior of a building. The dust was very well-contained and we had a lot less water runoff than with wet abrasive units we have used in the past."

- Anthony Russo,
Brock Services LLC

Three-Year Extended Warranty

Graco stands behind every piece of equipment it manufactures. EcoQuip offers a three-year extended warranty, the longest in the blasting industry. See product manuals for specific warranty details.



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Third party testing supports the fact that EcoQuip suppressed up to 92 percent of airborne dust compared to dry blasting on steel.

EcoQuip's Quality of Manufacturing

Built to take a beating

EcoQuip is built by Graco entirely of heavy-duty stainless steel crash frames to withstand the toughest conditions and provide years of solid service. When it is time for servicing, help is easy to find through Graco's worldwide distribution and service network.

Graco is a leading manufacturer of fluid handling equipment. Since 1926, Graco has been a trusted worldwide supplier to industries that rely on high quality, well-engineered machinery, including the protective coatings industry. We understand the challenges faced by today's contractor and create durable tools to help you achieve the highest quality results and the greatest success possible.

3-year warranty*

- Extra-long reliability support
- An industry first

* Please see warranty for complete details

Patented system design

- Lightweight
- Maneuvers easily in space-restricted locations

Galvanized blast pot

- Long-lasting quality and performance

Safety-minded design

- Standalone units stack safely for warehousing
- 5x safety rated frame

DataTrak™

- Helps achieve optimal blast
- Schedule appropriate maintenance intervals
- Achieve better quality control

Easy-access servicing

- Controls conveniently located together



Single Selector Switch

- Set up once, change modes easily
- Patent pending

Auto-venting valve

- Patent-pending auto valve
- Automatically relieves excess air for optimal media flow

Heavy duty frame

- Rugged stainless steel frame and components

GRX Flow Dynamics

- Patent-pending technology for an optimal blast mix

Achieves industry standards

- NACE No. 1
- SSPC-SP 5

EcoQuip Makes the Job Easy

Compare for yourself

Better than dry blasting

- Consumes far less media
- Eliminates up to 92 percent of airborne dust
- Saves on clean-up and disposal costs
- A quick and powerful alternative to dry blasting
- Adjustable to a wide range of blast pressures
- Works on virtually any surface
- Won't damage substrates*
- Works with all job-appropriate media
- Effective in rain and high humidity

Better than slurry and traditional water-based blasting

- Uses far less media
- Uses far less water
- No toxic wastewater runoff**
- No large slurry mess to clean up
- Adjustable to a wide range of blast pressures
- Effective in virtually any application environment

Handles most every application type

- Graffiti cleanup
- Paint layer removal
- Marine coating removal
- Rust and corrosion removal
- Industrial coating and lining removal
- General metal, stone and wood cleaning
- Lead and asbestos abatement
- Building and site maintenance
- Monument and artifact restoration
- Roadway marking removal
- Architectural stripping and cleaning

EcoQuip advantages

- Far less media results in material savings
- Blast pressure options from 30 to 120 psi (2.1 to 8.3 bar)
- Extensive worldwide distribution and service network
- Cleans without damaging mortar or sub-surfaces
- Profiles surfaces for the best coating adhesion
- Effective on both hard and fragile surfaces
- Less impact on surrounding environment**
- Reduced containment measures needed**
- Less restrictive PPE requirements**
- Easy, one-step cleaning process

**When blasting with recommended media at appropriate pressure*

***Assumes blasting without hazardous media or target surface. If hazardous materials are involved, more PPE may be needed and containment or clean-up may be required.*

EcoQuip Technology Leads the Way

Vapor Abrasive blast systems for coating removal and surface prep

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DataTrak

DataTrak is an exclusive technology from Graco, designed to help you improve quality and reduce downtime. The simple, user-friendly screen helps you set media flow to optimal levels for the most effective blast. It also tracks pump cycles by batch and keeps a grand total so you can schedule maintenance at regular intervals to ensure you always get the best performance from your EcoQuip.

DataTrak is battery powered and safe to use. It comes as a standard feature on your EcoQuip, although use is optional.



EQ300s

Portable, mid to high production unit

The EQ300s is a standalone unit designed to tackle most typical blasting projects. It works with a standard compressor (185-375 cfm) and fits inside a six-foot truck bed. The EQ300s is built according to tough standards, with user-friendly convenience and safety features. It's also sized to stack safely in a warehouse.

EQ100m

Compact, fully portable entry level unit

With its built-in hand truck, slide rails and convenient lifting eye, the patented EQ100m design facilitates easy portability. It fits in the bed of most standard pickup trucks. The EQ100m can accommodate any abrasive heavier than water and, when coupled with an air compressor that can produce 165-375 cfm @ 100+ psi, the EQ100m blasts from 30-120 psi (2-8.3 bar). It's a tough worker, capable of handling any type of project, from cleaning to surface preparation.



EQ600s

Portable, high production unit

Built to withstand the toughest working conditions, the EQ600s is a high-production standalone unit to tackle your largest, most demanding projects. It requires an air compressor at 375-600 cfm and features the same user-friendly features as its smaller version, the EQ300s. It fits inside a six-foot truck bed for easy transport to the jobsite and also stacks easily to conserve warehouse space.



Model/Part No.	EQ100m
Unit Dimensions (W x H x D)	34 x 25 x 46.5 in (86 x 64 x 118 cm)
Weight	360 lb (163.3kg) dry / 550 lb (249.5 kg) wet
Air Capacity	165-375 cfm (4.7 – 10.6 m ³ /min)
Pot Media Capacity	250 lb (113.4 kg)
Blast Pressure	30-120 psi (2-8.3 bar/0.21-0.83 MPa)
Water Tank Capacity	10 gal (38 L)
Blast Hose	1 in ID (25 mm) x 50 ft (15 m) 2-ply
Nozzle Size (included)	#7
Available Accessories	Hose extensions, extension wands and nozzles
Warranty*	Complete machine for three years from original purchase date, less wearable parts

For the best production, use performance media with a medium to fine mesh size.

**Please see complete warranty for details. Specifications subject to change without notice. Standard manufacturer's warranty applies to blast hoses and nozzles.*

Model/Part No.	EQ300s	EQ600s
Unit Dimensions (W x H x D)	55.75 x 45.5 x 55.5 in (1.42 x 1.15 x 1.41 m)	55.75 x 45.5 x 55.5 in (1.42 x 1.15 x 1.41 m)
Weight	1,050 lb (476.3 kg) dry/2,750 lb (1247 kg) wet	1,100 lb (499 kg) dry/2,800 lb (1270 kg) wet
Air Capacity	185-375 cfm (5.2 – 10.6 m ³ /min)	375-600 cfm (10.6 – 17 m ³ /min)
Pot Media Capacity	500 lb (226.8 kg)	500 lb (226.8 kg)
Blast Pressure	30-120 psi (2-8.3 bar/0.21-0.83 MPa))	30-120 psi (2-8.3 bar/0.21-0.83 MPa)
Water Tank Capacity	115 gal (435.3 L)	115 gal (435.3 L)
Blast Hose	1 in ID (25 mm) x 50 ft (15 m) 2-ply	1.25 in ID (32 mm) x 50 ft (15 m) 2-ply
Nozzle Size (included)	#7	#8 Performance
Available Accessories	Hose extensions, extension wands and nozzles	Hose extensions, extension wands and nozzles
Warranty*	Complete machine for three years from original purchase date, less wearable parts	Complete machine for three years from original purchase date, less wearable parts

For the best production, use performance media with a medium to fine mesh size.

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EcoQuip Technology on the Road

Vapor Abrasive blast systems for coating removal and surface prep



EQ200t and EQ400t Mobile, self-contained units

The mid to high production EQ200t and high production EQ400t are self-contained and always ready to go. The EQ200t is great whether you're working light restoration or removing stubborn industrial coatings. The EQ400t is ready to handle the toughest of applications. Both are designed to be as compact as possible for maneuverability on the jobsite. They are built with safety-inspired features and quality components for maximum, long-lasting reliability. Both are fully self-contained with their own trailers, engines and compressors.

Units shown with Kaeser compressors

Model/ Part No.	EQ200t		EQ400t
	Tier 4i		Tier 3
Dim. (W x H x D)	174 x 68 x 62 in (4.4 x 1.7 x 1.6 m)		198 x 87 x 87 in (5 x 2.2 x 2.2 m)
Weight	4000 lb (1814.4 kg) dry / 5750 lb (2608 kg) wet		7400 lb (3357 kg) dry / 9400 lb (4264 kg) wet
Blast Pressure	30-100 psi (2-6.9 bar/0.21-0.69 MPa)		30-120 psi (2-8.3 bar/0.21-0.83 MPa)
Pot Diameter	24 in (61 cm)		24 in (61 cm)
Pot Media Capacity	500 lb (226.8 kg)		500 lb (226.8 kg)
Water Tank Cap.	95 gal (359.6 L)		125 gal (473.18 L)
Blast Hose	1 in ID (25 mm) x 50 ft (15 m)		1.25 in ID (32 mm) x 50 ft (15 m)
Nozzle Size	#7		#8 Performace
Accessories	Hose extensions, extension wands and nozzles		Hose extensions, extension wands and nozzles
Warranty*	Complete machine for three years from original purchase date, less wearable parts		
ENGINE			
Type	Diesel		Diesel
Model	4-cylinder turbo diesel		4-cylinder turbo diesel, tier 3
Power	45 hp (33.6 kW) @ 2400 rpm		90 hp (67.0 kW) @ 2600 rpm
Oil System	Pressurized with spin-on filter		Pressurized with spin-on filter
Battery	12 volt		24 volt
Fuel Tank Capacity	8+ hours of operation		8 hours
COMPRESSOR			
Type**	Kaeser single-stage, oil cooled, screw-type		Doosan single-stage, oil cooled, screw-type
Rated Delivery	210 cfm (6 m³/min) @ 100 psi (6.9 bar)		425 cfm (12 m³/min) @ 100 psi (6.9 bar, 0.69 MPa) 375 cfm (10.6 m³/min) @ 150 psi (10.3 bar, 1.0 MPa)
Operating Pressure	100 psi (6.9 bar / 0.69 MPa)		100-150 psi (6.9-10.3 bar / 0.69-1.03 Mpa)
Lubrication System	Pressurized lubrication, spin-on cartr. filter, thermostatically controlled oil-to-air cooler		Pressurized lubrication, spin-on cartr. filter, thermostatically controlled oil-to-air cooler
Presssure Relief	125 psi (8.7 bar/0.87 MPa)		175 (1.2 bar / 12.07 Mpa)

For the best production, use performance media with a medium to fine mesh size.

*Please see complete warranty for details. Specifications subject to change without notice. Standard manufacturer's warranty applies to blast hoses, nozzles, engines, compressors and trailer components. **Brands subject to change.

EcoQuip Ordering Information

Vapor abrasive blast systems and accessories

ECOQUIP SKID SYSTEMS

Model	Series	Package (blast hose & nozzle type)	Configuration
EQ	1	0	M
	1=100	0=Bare Package (no blast hose or nozzle)	M=Mobile Unit (100 series only)
	3=300	E=Complete Package with 50 ft (15 m) blast hose, nozzle - Electric Deadman	S=Skid Unit
	6=600	P=Complete Package with 50 ft (15 m) blast hose, nozzle - Pneumatic Deadman	C=No crash frame or water tank (not available on 100 series)

ECOQUIP TRAILER SYSTEMS

Model	Series	Brakes	Package (blast hose & nozzle type)	Compressor Configuration
EQ	2	H	0	3
	2=200 series	H=Hydraulic Brakes (not available on 400 series)	0=Bare Package (no blast hose or nozzle)	3= Tier 3 compliant (available only on 400 series)
	4=400 series	E=Electric Brakes	E=Complete Package with 50 ft (15 m) blast hose, nozzle - Electric Deadman	4= Tier 4i compliant
			P=Complete Package with 50 ft (15 m) blast hose, nozzle - Pneumatic Deadman	

Mobile/Skid Units

EQ100M	100 series, mobile unit, bare package
EQ10EM	100 series, mobile unit, complete package, electric deadman
EQ10PM	100 series, mobile unit, complete package, pneumatic deadman
EQ300S	300 series, bare package
EQ300C	300 series, no skid/crash frame or water tank, bare package
EQ30ES	300 series, complete package, electric deadman
EQ30EC	300 series, no skid/crash frame or water tank, complete package, electric deadman
EQ30PS	300 series, complete package, pneumatic deadman
EQ30PC	300 series, no skid/crash frame or water tank, complete package, pneumatic deadman
EQ600S	600 series, bare package
EQ600C	600 series, no skid/crash frame or water tank, bare package
EQ60ES	600 series, complete package, electric deadman
EQ60EC	600 series, no skid/crash frame or water tank, complete package, electric deadman
EQ60PS	600 series, complete package, pneumatic deadman
EQ60PC	600 series, no skid/crash frame or water tank, complete package, pneumatic deadman

100/200/300 complete packages include 1 in. ID, blast hose and #7 standard nozzle. 400/600 complete packages include 1.25 in. ID, blast hose and #8 high performance nozzle.

Hoses

EQ5237	Blast Hose, extension, 50 ft (15 m), pneumatic, 1.0 in ID
EQ5235	Blast Hose, extension, 50 ft (15 m), electric, 1.0 in ID
EQ5077	Blast Hose, extension, 100 ft (30 m), pneumatic, 1.25 in ID
EQ5084	Blast Hose, extension, 100 ft (30 m), electric, 1.25 in ID
EQ5082	Blast Hose, extension, 50 ft (15 m), electric, 1.25 in ID
EQ5073	Blast Hose, extension, 50 ft (15 m), pneumatic, 1.25 in ID
EQ5236	Blast Hose, replacement, 50 ft (15 m), pneumatic, 1.0 in ID
EQ5234	Blast Hose, replacement, 50 ft (15 m), electric, 1.0 in ID
EQ5071	Blast Hose, replacement, 50 ft (15 m), pneumatic, 1.25 in ID
EQ5080	Blast Hose, replacement, 50 ft (15 m), electric, 1.25 in ID
17D786	Safety cable, whip hose - check
17D787	Coupler pins
17C459	Blast hose coupler gasket, mach. end (all systems), hose end (EQ100, EQ200, EQ300)
17C124	Blast hose coupler gasket, fits hose end (EQ400, EQ600)
17C125	Gasket, cam/groove, abrasive media line, 1.25 in ID
17C453	Gasket, cam/groove, abrasive media line, 1.5 in ID

Pump Cabinets

17B186	Pump repair kit (Graco Pump)
24A592	DataTrak® module and Reed Switch
17C126	Pump retrofit kit, older models to Graco pump (EQ200, EQ300, EQ400, EQ600)
17C127	Diaphragm valve repair kit (EQ100, EQ200, EQ300)
17C128	Diaphragm valve repair kit (EQ400, EQ600)

Trailer Units with compressor (Tier 3 and Tier 4i compliant)

EQ2H04	200 series, hydraulic brakes, bare package, Tier 4i
EQ2HE4	200 series, hydraulic brakes, complete package, electric deadman, Tier 4i
EQ2HP4	200 series, hydraulic brakes, complete package, Tier 4i
EQ2E04	200 series, electric brakes, bare package, Tier 4i
EQ2EE4	200 series, electric brakes, complete package, electric deadman, Tier 4i
EQ2EP4	200 series, electric brakes, complete package, pneumatic deadman, Tier 4i
EQ4E03	400 series, electric brakes, bare package, Tier 3
EQ4EE3	400 series, electric brakes, complete package, electric deadman, Tier 3
EQ4EP3	400 series, electric brakes, complete package, pneumatic deadman, Tier 3
EQ4E04	400 series, electric brakes, bare package, Tier 4i
EQ4EE4	400 series, electric brakes, complete package, electric deadman, Tier 4i
EQ4EP4	400 series, electric brakes, complete package, pneumatic deadman, Tier 4i

Nozzles

EQ1710	Standard #7, (EQ100, EQ200, EQ300)
EQ1711	Standard #8, (EQ400, EQ600)
EQ7073	High performance #7, (EQ100, EQ300)*
EQ7074	High performance #8, (EQ400, EQ600)*
17D788	Replacement handle, pneumatic deadman, G2
17D791	Replacement handle, electric deadman
EQ5166	1 in ID nozzle extension, 24 in (61 cm), only used on EQ100, EQ200, EQ300 units

*Performance nozzles require 100 psi (7 bar, 0.7 MPa) or more air pressure at the nozzle