







EQUIPMENT CATALOG

Abrasive Blasting & Surface Prep
Equipment & Accessories









ECLIPSE
surface technologies

284 Wissahickon Ave, Suite 4
North Wales, PA 19454
www.eclipseblast.com
(888) 99-BLAST

MADE IN USA

ECLIPSE surface technologies

POWERFUL. PORTABLE. PATENTED.

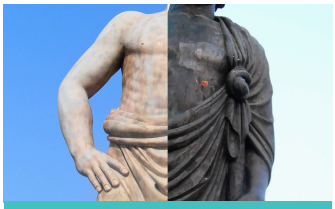
Eclipse Surface Technologies designs and manufactures American-made abrasive blasting equipment built around a simple idea: powerful performance should still be practical, portable and easy to use. With a focus on smart engineering, durable construction and operator-friendly design, Eclipse equipment is built to help professionals work more efficiently without overcomplicating the job.

As a U.S. manufacturer, Eclipse maintains close control over quality, production and product development, allowing the company to continually improve its systems based on real-world customer feedback. The result is a product line that feels purpose-built rather than mass-produced, with patented technology and thoughtful features designed for the way contractors actually work.

Eclipse is small enough to provide personal attention, yet capable enough to support customers across the country. From equipment selection and demonstrations to training, troubleshooting and service beyond the sale, the Eclipse team is committed to helping customers get the right system, use it confidently and keep it performing long after delivery.

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APPLICATIONS INCLUDE:


HISTORIC PRESERVATION


MASONRY & CONCRETE


AUTOMOTIVE & FLEET


FIRE & SMOKE REMEDIATION


POOLS & WATER FEATURES



INDUSTRIAL/MARINE MAINTENANCE



ENVIRONMENTAL ABATEMENT


FOUNDRIES & METALCASTING

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ECO-100®

ecoflex

This all-steel welded system is robust enough for various jobs and portable enough to access hard-to-reach areas. Its versatility has earned it the nickname "Swiss Army Knife" of blasting!

- Offered in two models:
  - **ELITE**: Pressure hold system with enhanced TeraValve media control
  - **PRO**: Pressure release system with standard plunger valve media control
- Can go on scaffolding, scissor lifts, basements, attics and more!
- Integrated water pump with siphon & hose capabilities.
- Ideal for historic preservation & commercial restoration projects.

MADE IN USA



ECO-200

ecoflex

The larger capacity version of our ECO-100, this workhorse has all the proven technology of the innovative ECO-100 but with more capacity to take on larger industrial & commercial jobs.

- Pressure hold system equipped with TeraValve media control feature
- Sturdy construction while remaining highly portable
- Built-in water pump with siphon and garden hose capabilities
- Ideal for extensive commercial and industrial projects
- Increased media capacity for extended runtimes & reduced downtime



EASY TO USE CONTROL PANEL WITH CLEARLY MARKED CONTROLS & OUTLETS

SPECIFICATIONS	ECO-100	ECO-200
Pot Size:	1.0 cu. ft.	2.0 cu. ft.
Weight:	125 lbs. (empty)	200 lbs. (empty)
Media Usage:	50-100 lbs. per hr.	100-150 lbs. per hr.
Water Usage:	12-15 gal. per hr.	12-15 gal. per hr.
Media Capacity:	50-100 lbs.	100-150 lbs.
Hose Length:	50' blast hose standard, up to 150' with extensions	50' blast hose standard, up to 150' with extensions
Run Time:	45-60 min.	60-90 min.
Blast Pressure Range:	5-120 psi	5-125 psi
Minimum Air Supply:	60 CFM	185 CFM
Water Tank:	Sold separately	Sold separately

IMPROVE PRODUCTIVITY WITH CLEAN, COOL AIR

ECLIPSE surface technologies

ecoflex®

ECO-AIRE® DRYERS



Clean, dry compressed air is essential when performing any kind of cleaning or blasting operation. We have spent many hours researching and testing different air drying components and developed the ECO-Aire® line to provide our clients with the best in clean, dry air.

We manufacture these systems using high quality, industrial grade components. *Maxx available in both 12V electric & pneumatic versions.*

- Available in two sizes: **Maxx** & **Super**
- Auto shut-off feature standard on 12V systems
- Mounted on a heavy duty hand truck for max portability

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3 STAGE PROCESS FOR CLEAN, DRY AIR:



Stage 1: Aftercooler
In this stage, the air cools and forms condensate in the aftercooler. In our 12V systems, a built-in sensor ensures the aftercooler shuts off with the compressor to prevent battery drainage.



Stage 2: Water Separator
This stage will extract any moisture or humidity in your compressed air, meaning the air is now cool & dry. This component traps the condensate produced by the aftercooler then utilizes an automatic float drain.



Stage 3: High Efficiency Coalescent Filter
This traps any remaining contaminants including any residual lubricants, down to 1 micron. This ensures the vessel always stays clean & dry while preventing contaminants on the surface, critical for Military or SSPC finish specifications compliance.



ECO-VOLT
Power Inverter

Lets you power the 12V system from a standard 110V outlet

SPECIFICATIONS	MAXX	SUPER
Flow Rate:	up to 250 CFM	up to 600 CFM
Piping diameter:	1.25"	2"
Air Connection:	2- or 4-lug inlet/outlet	4-lug inlet/outlet
Fan Motor:	12V DC or pneumatic	Pneumatic only
Weight:	12V = 90 lbs. P = 100 lbs.	12V = N/A P = 235 lbs.
Dimensions:	18.5" L 30" W 48" H	26.5" L 39" W 61.5" H

EFFICIENT, EFFECTIVE WET ABRASIVE BLASTING

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CB150

Originally designed & developed in 2015, the CB150 is the first blaster to use our patented automatic controls to simplify operation while still offering an hour plus run time and blast pressures as high as 120 psi. The simple controls & operations allow for even a first time user to setup and blast within minutes!

CB150HV

The CB150HV (High Volume) features all the benefits that come standard with the CB150, but with larger system piping. This allows the operator to take advantage of larger air volume compressors (375+ CFM) and use larger blast hoses & nozzles, increasing removal rates & production as much as 25%.

CB450

The CB450 combines volume with portability like never before. Designed for large air volume (375+ CFM) with a large volume media pot, this beast will offer the industrial operator longer continuous run times and faster removal rates while still being portable enough to roll through any job site.



Our patented control panel is simply simple to use.







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SPECIFICATIONS	CB150	CB150HV	CB450
Dimensions:	48" L x 26" W x 48" H	48" L x 26" W x 48" H	48" L x 30.75" W x 48" H
Weight:	375 lbs. (empty)	375 lbs. (empty)	575 lbs. (empty)
Air Capacity:	185-300 CFM	185-425 CFM	185-600 CFM
	100-150 psi	100-150 psi	100-150 psi
Media Capacity:	100 lbs.	100 lbs.	350 lbs.
Hose Length:	50' blast hose standard, up to 150' with extensions	50' blast hose standard, up to 150' with extensions	50' blast hose standard, up to 150' with extensions
Run Time:	1+ hr.	45+ min.	3+ hrs.
Blast Pressure Range:	30-120 psi	30-120 psi	40-130 psi
Water Tank Capacity:	20 gal.	20 gal.	*Sold separately*

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TRAILER SYSTEMS

COMPACT.
MOBILE.
BUILT FOR YOU.

Our trailer systems give you the power of a complete blasting setup in a lightweight, towable package. Every unit is mounted on our custom trailer with a bi-fold ramp, letting you blast directly from the trailer or move your blaster wherever you need it.

Unlike competitor trailers where everything is permanently mounted, Eclipse systems give you flexibility in the field. Each unit also includes an ECO-Aire Dryer for clean, dry air - unless paired with a ClearBlast system, which operates without one.



ClearBlast 185-150


ECO-X Dry Ice


ECO-Flex 260-200

MOST POPULAR CONFIGURATIONS:

MADE IN USA

ECO-X Custom Trailer

Pictured with a 185 CFM compressor, Nu-Ice Commando 40 Dry Ice Blaster & ECO-Aire Maxx.

ECO-Flex 260-200

ECO-200 blast pot, 260 CFM compressor & ECO-Aire Maxx in one portable trailer system.

ClearBlast 185-150

185 CFM compressor with your choice of ClearBlast CB150 or CB150HV for wet blasting.

COMPRESSOR VOLUME	ECO-100	ECO-200	ECO-400	CB150	CB150HV	CB450	NU-ICE 40	NU-ICE 55
110 CFM	✓	x	x	x	x	x	x	x
185 CFM	✓	✓	x	✓	✓	x	✓	✓
260 CFM	✓	✓	✓	✓	✓	✓	✓	✓

✓ Compatible x Not Compatible

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WHAT VOLUME DO YOU NEED?

Our trailer systems are designed to work with whatever blast pot you prefer. Choose ClearBlast or ECO-Flex or even add a Nu-Ice dry-ice blaster. We'll build a complete, fully mobile system around it.



110 CFM

Compact and precise, this level is ideal for operators focused on detail-oriented work. It offers enough power for targeted blasting without overkill - efficient, portable & dependable for light-to-medium duty jobs.

Best for: Historic preservation, graffiti removal, delicate substrates & fine detail, fire & smoke remediation, small environmental (lead paint, asbestos) jobs

RECOMMENDED PAIRING

- ECO-100 Pro -1/2"
- ECO-100 Elite - 1/2"



185 CFM

The jobsite workhorse. Balanced power and portability make this our most versatile option — capable of handling a wide variety of commercial & light industrial blasting projects without stepping into overbuilt territory.

Best for: Concrete prep & resurfacing, building exteriors & envelope restoration, coating & paint removal, environmental jobs (lead paint, asbestos)

RECOMMENDED PAIRING

- ECO-100 Elite - 1"
- ECO-200
- CB150 or 150HV
- Nu-Ice Dry Ice Blaster



260 CFM

HIGH PRESSURE

Designed for performance & extensive surface coverage, for teams requiring longer runtimes, quicker removal & the ability to manage larger nozzles & heavier media. Also allows you to switch between 100 & 150 psi as needed.

Best for: Large tanks & heavy equipment, bridge maintenance, large scale municipal or infrastructure work with different kinds & sizes of nozzles

RECOMMENDED PAIRING

- ECO-200
- ECO-400
- CB150HV
- CB450
- Nu-Ice Dry Ice Blaster







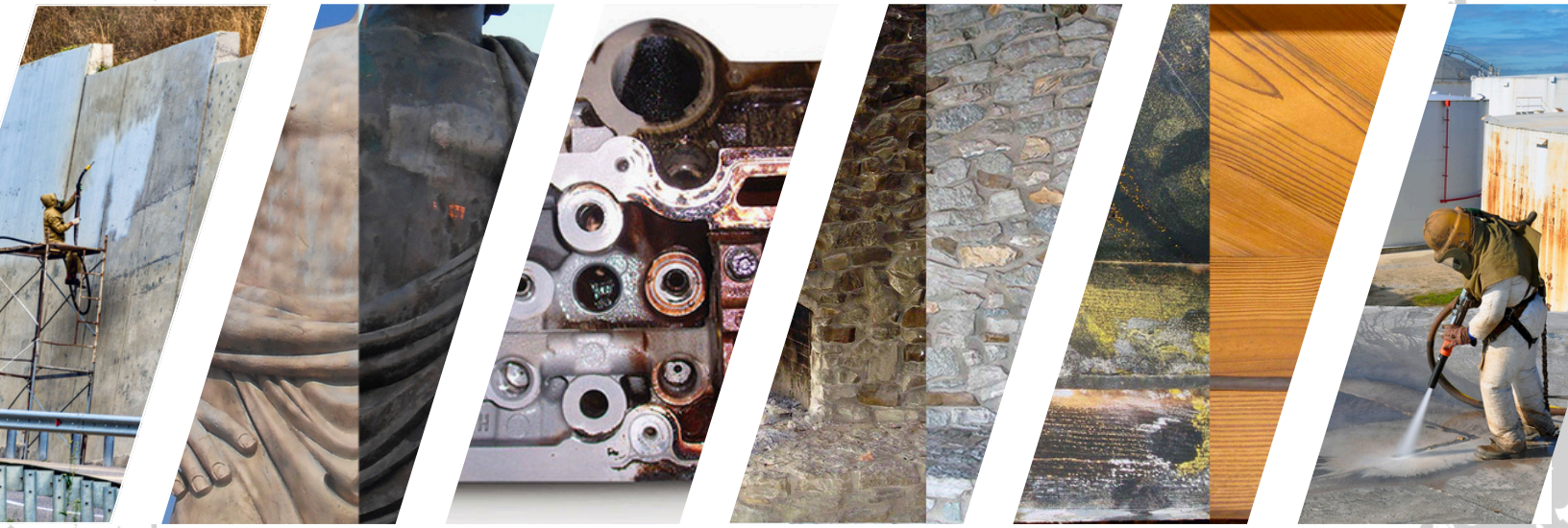


ABOUT ECLIPSE

Built to Perform. Backed for Life.

Every Eclipse system is engineered for real-world results—simple to run, rugged on the job and optimized for long-term ROI. Whether you're restoring a historic facade or blasting full-scale steel, our tech helps you do it faster, cleaner & more efficiently.

With U.S.-made equipment under the ClearBlast® and ECO-Flex® brands, plus lifetime support & a network of trusted distributors, Eclipse delivers more than machines—we deliver confidence.



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AUTHORIZED DEALER

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