



# ECLIPSE

surface technologies

## PRODUCT CATALOG

high quality, industrial-grade  
abrasive blasting & surface prep  
equipment & accessories

Our patented control panel is simply simple to use!



OUR SYSTEM OFFERS A MORE AUTOMATED EXPERIENCE BECAUSE WE UTILIZE ADVANCED DIAPHRAGM VALVES. THESE VALVES PREVENT IMPROPER SHUT DOWN, BOOSTING EFFICIENCY BY MINIMIZING DOWNTIME.



**WET ABRASIVE BLASTING  
SUPPRESSES 90+% OF DUST  
VS. TRADITIONAL  
DRY BLASTING!**



- Patented, easy-to-use automatic controls
- Powerful yet lightweight & portable
- Conveniently fits through most doorways
- On-board integrated water pump
- Super efficient on media & water usage
- Steel construction w. powder coat finish





# 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 by up to 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.

## SPECIFICATIONS

- Dimensions:**
- Weight:**
- Air Capacity:**
- Media Capacity:**
- Hose Length:**
- Run Time:**
- Blast Pressure Range:**
- Water Tank Capacity:**



### CB150

48" L x 26" W x 48" H  
 375 lbs. (empty)  
 185-300 CFM  
 100-150 psi  
 100 lbs.  
 50' blast hose standard,  
 up to 200' w. extensions  
 1+ hour  
 30-120 psi  
 20 gallons

### CB150HV

48" L x 26" W x 48" H  
 375 lbs. (empty)  
 185-425 CFM  
 100-150 psi  
 100 lbs.  
 50' blast hose standard,  
 up to 200' w. extensions  
 45+ minutes  
 30-120 psi  
 20 gallons

### CB450

48" L x 30.75" W x 48" H  
 575 lbs. (empty)  
 185-600 CFM  
 100-150 psi  
 350 lbs.  
 50' blast hose standard,  
 up to 200' w. extensions  
 3+ hours  
 40-130 psi  
*Sold separately*



# ECO-100®

This all-steel welded system is rugged enough for all types of jobs yet portable enough to fit into hard-to-reach areas and is so versatile that people have called it the “Swiss Army Knife” of blasting!

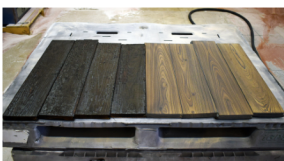
- Available in two models:
  - ELITE** pressure hold system with an upgraded TeraValve media control feature
  - PRO** pressure release system with a standard plunger valve media control
- Switch between wet & dry blasting on the fly
- Can fit on scaffolding, scissor lifts, wherever you need it!
- Integrated water pump with siphon & hose functionality
- Great for historic preservation & commercial restoration



# ECO-200

The big brother to our best-selling 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 with TeraValve media control feature
- Switch between wet & dry blasting on the fly
- Heavy duty but still incredibly portable
- Integrated water pump with siphon & garden hose functionality
- Great for large commercial and industrial projects



## SPECIFICATIONS

	ECO-100	ECO-200
<b>Pot Size:</b>	1 cu. ft.	2.0 cu. ft.
<b>Weight:</b>	125 lbs. (empty)	200 lbs. (empty)
<b>Media Usage:</b>	50-150 lbs. per hr.	100-150 lbs. per hr.
<b>Water Usage:</b>	12-15 gallons per hr.	12-15 gallons per hr.
<b>Media Capacity:</b>	50-100 lbs.	100-150 lbs.
<b>Hose Length:</b>	50' blast hose standard, up to 200' w. extensions	50' blast hose standard, up to 200' w. extensions
<b>Run Time:</b>	30-60 min.	60-90 min.
<b>Blast Pressure Range:</b>	5-120 psi	5-125 psi
<b>Minimum Air Supply:</b>	60 CFM	185 CFM
<b>Water Tank:</b>	Sold separately	Sold separately





# 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. We offer two different sizes in both 12V\* electric & pneumatic versions.

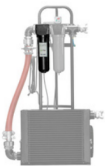
- Available in two sizes: Maxx & Super
- Auto shut-off feature standard on 12V systems
- Mounted on a heavy duty hand truck for max portability
- 110V AC inverter for 12V system to allow 110V outlet use available

3 Stage Process for Clean, Dry Air:



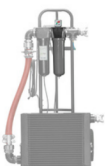
### Stage 1: Aftercooler

As the air travels through the aftercooler, it cools and forms condensate. We also provide a special built-in sensor so if you shut down your compressor, our aftercooler will also shut off, preventing your battery from being drained.



### 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 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.



SPECIFICATIONS	MAXX	SUPER
<b>Flow Rate:</b>	up to 250 CFM	up to 600 CFM
<b>Piping diameter:</b>	1.25"	2"
<b>Air Connection:</b>	2 or 4 lug inlet/outlet	4 lug inlet/outlet
<b>Fan Motor:</b>	12V DC* or pneumatic	12V DC* or pneumatic
<b>Weight:</b>	12V = 90 lbs. P = 100 lbs.	12V = 215 lbs. P = 235 lbs.
<b>Dimensions:</b>	18.5" L 30" W 48" H	26.5" L 39" W 61.5" H

\*110V AC inverter option also available

# TOW-BEHIND SYSTEMS



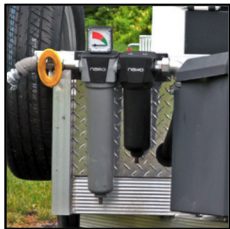
## ECO 92-100

The ECO-Flex 92-100 features a 92 cfm compressor, built-in ECO-Aire® dryer, portable 25 gallon water tank as well as our patented ECO-100® Elite wet/dry combo blaster, all mounted on a sturdy 10' x 5' aluminum trailer with folding ramp for maximum portability.



### ECO-100 Elite

Wet/dry combo blaster that goes from traditional dry blasting to wet aka "dustless" blasting with the flick of a switch. Rugged enough for all sorts of jobs yet delicate enough for gentle cleaning and restoration.



### Built-In ECO-Aire Dryer

Clean, dry compressed air is essential when performing any kind of cleaning or blasting operation, including "dustless" blasting. We manufacture the ECO-Aire® using high quality industrial-grade components.



### 92 CFM Air Compressor

Tier 4 air compressor with Kubota diesel engine and 10.6 gallon fuel tank that provides 92 cfm @ 100 psi. Operating quietly (approx. 76 dB at 23 ft.), the ECO 92-100 is perfect for urban jobs or anywhere sound is a concern.



### Your Complete "Business on Wheels"

Everything listed above plus a spare tire and multi-use tool box, all mounted on a sturdy 5' by 10' all-aluminum trailer with bi-fold ramp and special airline track for quick & easy tie-downs for max security & portability.



## SPECIFICATIONS

<b>Dimensions:</b>	120" L x 60" W x 57" H
<b>GVWR:</b>	2990 lbs.
<b>Air Capacity:</b>	92 cfm @ 100 psi
<b>Media Capacity</b>	1.0 cu. ft. pot +/- 50 lbs. of abrasive
<b>Air Supply Hose:</b>	50' x 1" air hose <i>Spare tire &amp; toolbox incl.</i>
<b>Blast Hose Length:</b>	50' standard, up to 200' with extensions
<b>Run Time:</b>	30-60 minutes
<b>Blast Pressure Range:</b>	5-125 psi
<b>Water Tank Capacity:</b>	25 gallons



# The Power of Choice with the 185X:

The perfect solution for versatile & efficient blasting on the go.

- Compatible with various blasters, including dry, “dustless” or dry ice
- Bi-fold ramp = you can blast with pot mounted on the trailer or off
- Blast pot, air compressor, air dryer, hoses and nozzle included
- Rugged = overbuilt undercarriage with a 3500 lb. axle & electric brakes
- Compact footprint for convenient storage, even in your garage

## SPECIFICATIONS

<b>Dimensions:</b>	168" L x 59" W x 57" H
<b>GVWR:</b>	3500 lbs.
<b>Air Capacity:</b>	185 CFM @ 100 psi
<b>Media Capacity:</b>	+/- 100 lbs of abrasive
<b>Air Supply Hose:</b>	50' x 1" air hose (storage reel optional)
<b>Blast Hose Length:</b>	50' standard, up to 200' with extensions
<b>Run Time:</b>	60-90 minutes



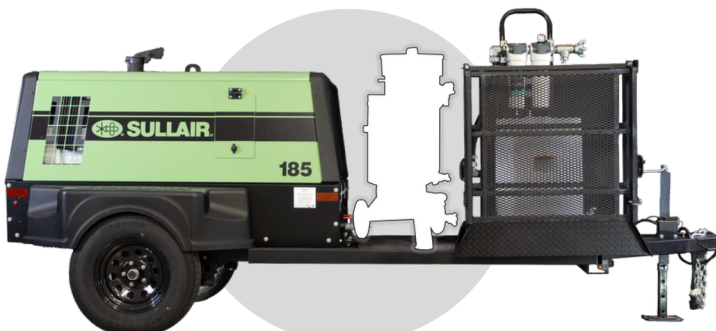
## CB185-150

The CB185-150 features a powerful 185 CFM, twin-screw diesel compressor and the CB150 with a custom docking station to lock it in place.



## ECO 185-200

The ECO 185-200 features a powerful 185 CFM, twin-screw diesel compressor, ECO-Aire® Maxx air dryer and our ECO-200 wet/dry combo blaster.



## ECO 185-X

Already own your own blast pot and looking to become more mobile? Or looking for a mobile unit with a dry ice blaster? Experience true flexibility with ECO 185-X.

# ABOUT ECLIPSE

Everything we do as a company and everything we build, sell & support is about giving you and your business the absolute best ROI possible for your specific application. From our patented, easy to use control systems to the constant evolution of our equipment, we strive to provide you with the right tools to get your job done quickly and efficiently. In addition, we offer legendary lifetime support and complete training to all of our clients.

We're also proud to partner with local and national authorized distributors that sell and service Eclipse products. So whether it's our staff that has over 100 years of combined experience or through our distributor network, you'll always have experts nearby to address equipment needs.

We manufacture, sell & service all of our equipment under the ClearBlast & ECO-Flex brands in Pennsylvania.

This means all Eclipse Surface Technologies' equipment is proudly made in the USA.

AUTHORIZED DEALER



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surface technologies

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