

Our top of the line electric skid-mounted Vacuum series is available from 2,400 cfm up to 8,400 cfm and comes equipped with the following features:

- Available as a Marine-Duty caged skid with forklift pockets and crane lift eyes standard.
- Low profile compact design for safe, easy lifting
- 4" Hose connections standard- 5" or 6" optional
- Fully interchangeable top loaded filters in a vertical arrangement for natural release of dust.
- Secondary safety filter located at vacuum pump inlet to protect vacuum against dust collector filter failure
- Motor soft starters standard on all units
- Direct drives standard on all models- no belts to maintain
- Automatic self-dumping dust discharge valve
- Optional double dump continuous discharge valve available
- HEPA rated secondary filters available
- Optional sound enclosure upgrade available



	V75SS	V2400SS	V4200SS	V5200SS	V5800SS	V8400SS
Electric Motor Size (HP)	75	150	200	250	300	400 (2 @ 200)
Vacuum Capacity 28 inHg Max Vacuum	1,200 CFM	2,446 CFM	4208 CFM	5,184 CFM	5,799 CFM	8,416 CFM
Number of Filters (100% Polyester)	8	16	20	25	35	42
Number and Size of Hose Connections	1 @ 3 or 4"	1 @ 4, 5, or 6"	2 @ 4, 5, or 6"	2 @ 4, 5, or 6"	3 @ 6 or 8"	3 @ 6 or 8"
Shipping Dimensions (L x W x H)	8' x 7'6" x 8' 6"	9'3" x 7'7" x 8'10"	10' x 8'4" x 9'10"	12' x 8'6" x 10'	13' x 8'6" x 10'	17' x 8' x 12'5"
Weight (LBS)	7,500	8,500	12,000	13,000	15,000	30,000

Vacuums are a major component used in blasting and recycling systems. They provide general cleanup and recovery of small aggregate, spent abrasive, and other trash after surface blasting has occurred. They are a crucial part of the recovery process both because the speed of reclamation affects how quickly the rest of the processes can keep working (and how much abrasive media is needed for a job) and ensure that any and all toxic remnants are not left in the environment and can be disposed of properly. A properly designed and working vacuum will add safety and production value to any project.



Not all vacuums are created equal, even if they have the same horsepower and blower size. To achieve maximum performance, our vacuum systems are created with a holistic approach where all components from the inlets, to the dust collector, filters, and even the hose to the blower inlet is sized adequately. Our Skid-Mounted Vacuum Systems are designed with durable, high mercury blowers which are able to quickly recover abrasive from even long distances without overheating or requiring vacuum breakers (which can reduce air flow and slow down the recovery process). Because clean air flow is of paramount concern when operating a portable vacuum system, our rectangular dust collectors are fabricated with extra stiffening and designed for use with high performing, pleated, 100% polyester cartridges, to maximize air-to-cloth ratio in an easy-to-use compact design.



Atlantic Design, Inc. is a family owned and operated business in Baltimore, Maryland. We have over 38 years experience in the Blasting and Coatings Industry, and we pride ourselves in providing innovative and efficient solutions for our customer's needs.

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Skid-Mounted Vacuum Systems



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