

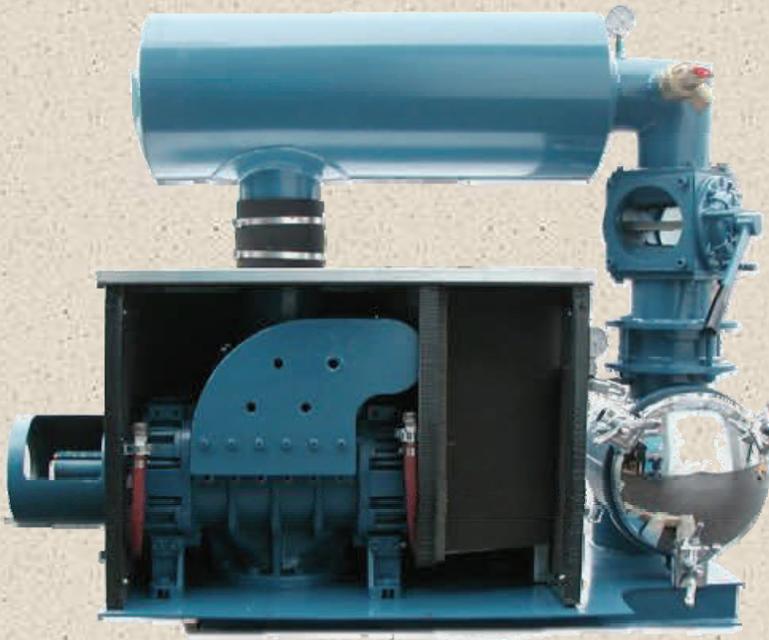
**Skid Mounted  
Vacuum Unit  
Brochure**



**Vacuum Industry Sales & Service**

**Designed for clean up in all industrial applications including:**

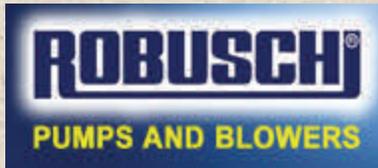
- Drilling Rigs**
- Oil spill (Pipeline, Onshore, Offshore)**
- Plant Maintenance**
- Municipal**
- Military**



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# Acoustically Enclosed Blower Skid Mounted Units

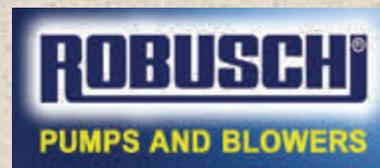


Putting the newest idea on vacuum trucks (acoustically enclosed blowers) onto our skid units, we've come up with the best skid mounted vacuum unit available. These units are more powerful, more efficient, and less noisy than skid units built in the past with vane pumps. One important advantage of these new units is that they have zero oil discharge. The first generation of vacuum skid units, with vane pumps, had a significant amount of oil misting from the exhaust discharge. With oil contamination onto the ground or out into the atmosphere no longer being a concern, these units can now be placed into environmentally sensitive areas.

Below you can see a specifications chart for the Robuschi blowers. The RB-DV-45 model is highlighted, as this is the model used in the skid mounted units.

<u>Model #</u>	<u>C.F.M.</u> (Free Air Capacity)	<u>R.P.M.</u> (Max.)	<u>H.P. required @</u> <u>Max. Pressure</u> (B.H.P.)	<u>Weight</u> (LBS.)	<u>Drive Shaft Size</u> <u>for Coupling</u> (Bore x Key)
<b>RB-DV-45</b>	<b>494</b>	<b>5000</b>	<b>31.5</b>	<b>213.8</b>	<b>38mm x 10mm Key</b>
RB-DV-65	950	4800	58	352	48mm x 14mm Key
RB-DV-85	1650	3800	99	550	55mm x 16mm Key
RB-DV-105	2700	3250	135	880	60mm x 18mm Key
RB-DV-125	3800	2600	214	1331	70mm x 20mm Key
RB-DV-145	6400	2000	325	2288	85mm x 22mm Key

Robuschi is a highly innovative & leading edge company, evident in their products. With their patented volumetric lobe compressor & pre-injection devices, the decibel level of this blower and operating temperature is significantly reduced. We have certified Robuschi mechanics on staff to install and service this product.



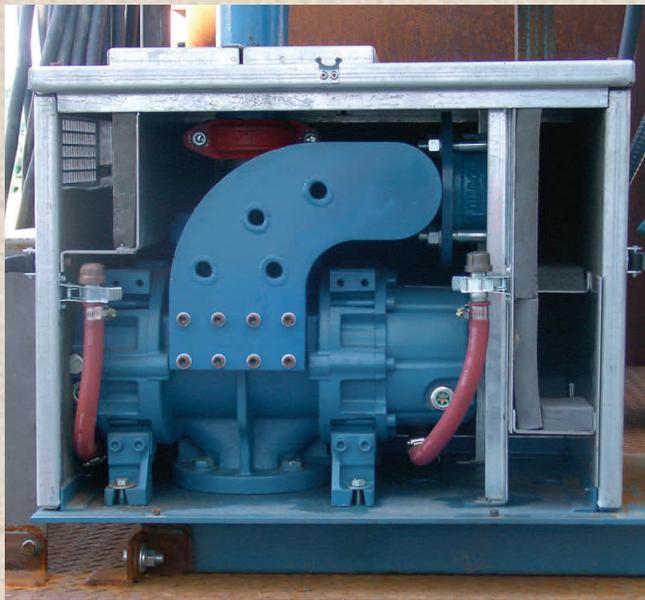
*Manufacturers  
Recommended Oil Type:  
Summer: AP 220  
Winter: AP 150*



*Starting as a mechanical workshop in Viale Piacenza in Parma, Italy, in 1941, Robuschi Spa soon acquired its own foundry. This foundry was used for the production of centrifugal pumps and accessories primarily used for agriculture. The 1960's saw tremendous growth for Robuschi, leading to the first production of positive displacement lobe blowers by the mid 1970's. Today, the company covers more than 96,400 square meters where through continuous improvements and patented innovations, Robuschi produces the exemplary tri-lobe blowers used on your vacuum truck today.*

# Tri-Lobe Blower Skid Mounted Vacuum Unit

*1st ever skid mounted vacuum unit built with an acoustically enclosed tri-lobe blower.*



## Benefits of our units:

- No oil misting
- Designed for continuous use @ high vacuum
- Limited noise
- No fiber vanes
- Discharge temperature less than 100 degrees Celsius (air-injected self cooling)
- Minimum maintenance, maximum reliability

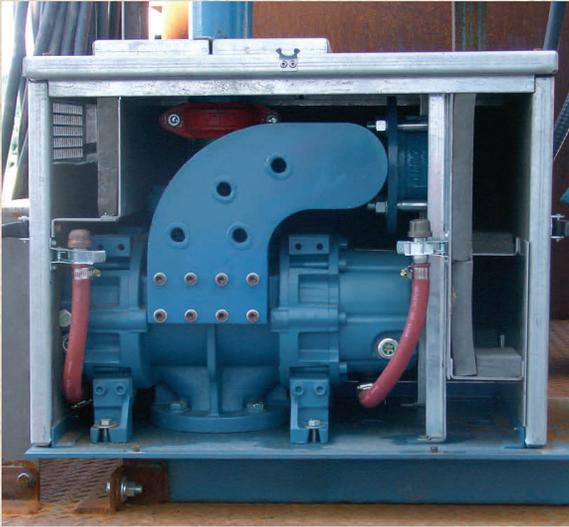
**Acoustically Enclosed**



**1st generation units with building surround**



The heart of the unit, as it is with all skid units, is the pump. In this latest innovation, the pump is a tri-lobe blower. Vacuum trucks all over Western Canada have switched to using these blowers on their trucks over the last decade, and now skid units can also benefit from the increased power and efficiency. Look at page 4 of this brochure for the specifications of the RB-DV-45, the blower used to power this unit. The following page explains why a skid mounted unit with the Robuschi blower is a superior, more functional design than previous models.

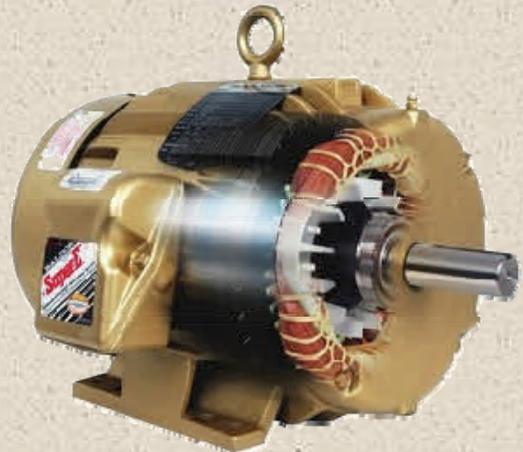


The tanks can be built to your specifications as well, with the one shown to the right being standard. This includes a full opening rear door, 3" intake valve, 4" discharge, and a capacity of 500 gallons.



Robuschi has patented the innovative atmospheric air pre-injection device. This allows for cool atmospheric gas (air) to enter into the transport chambers in order to reduce the temperature rise of the machine. The result is the reduction both in the heating of the gas and in the power absorbed by the blower, reaching a maximum vacuum of 90% without the need of any additional cooling unit. The RB-DV-45 blower used on our latest version of skid mounted vacuum units is designed for continuous use with maximum level of vacuum. Other advantages include:

- Limited noise
- Possibility of sucking gases and vapours
- No sliding parts, no wear
- Discharge temperature less than 100 degrees celcius
- Minimum maintenance, maximum reliability



Intrinsically safe, explosion proof operation adds to the safety of this new concept in skid mounted vacuum units. Try this latest design in skid mounted units for a more hassle free operation.



- CONTINUOUS USE**
- NO OIL MIST**
- LESS MAINTENANCE**
- LIMITED NOISE**

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