



INTRODUCING AIR EXCAVATION

AirVac

 | offered by **INFRACON**

Infracon is proud to be one of the few service providers in Canada to provide AirVac services to our clients. Choosing AirVac over HydroVac when possible can save you time, eliminate unpredictable costs and maximize the productive work hours of your operators and labourers.

What is AirVac?

Air excavation (AirVac) is a cost-effective and efficient alternative to hydro excavation (HydroVac). Rather than introduce water to the site, air excavators use suction and compressed air to break up and excavate the soil. Then, using a vacuum, material is removed from the recently excavated area. Because it is kept dry, the excavated material can be used as back-fill or can be stored on site eliminating the need to truck slurry offsite.

Why Choose AirVac?

Increased Efficiency

Typically, AirVacs can remove five loads of extracted material (or more), in a 12 hour shift. 100% of their capacity is taken by extracted materials. HydroVacs, on the other hand, can typically excavate two-three full loads in a 12 hour shift, depending on ground conditions, proximity to disposal facilities, and the task at hand. Of these 2-3 loads, extracted materials only account for roughly 25%-50% of the volume.

Keep Material On Site

Extracted materials may not need to be removed from the site. This allows for more time spent excavating and less time trucking and disposing of the materials. Plus, the material can often be used as back-fill, reducing the cost of dumping and bringing in outside back-fill material. AirVacs also remove the cost of HydroVac slurry disposal, which can be incredibly expensive on a per-M³ basis.

Increase Productivity

Disposal facilities are often inconveniently located in relation to a jobsite, resulting in the loss of productive work hours as operators are in transit to and from the disposal location. Additional time is also required to re-fill the HydroVac with clean water.



The use of AirVacs instead of HydroVacs has proven, time and time again, to save our clients anywhere between 30% and 60% on excavation costs. The increased efficiency, reduced disposal costs, and ability to use excavated material as back-fill make the Air Excavator a logical choice for your upcoming project.

Equipment Specs

AirVacs

On board water pumps + boilers
with HydroVac capabilities
200 CFM compressor @ 105 psi
10" hydraulic boom
Emergency shutdown on remote

Up to 4 M3 water
Up to 10 M3 debris bins

3 Tri-drive units
3 Tandem units

Tri-Axle HydroVac

20 GPM cat water pumps
980,000 BTU boilers
6300 CFM blowers
8" suction boom

7 M3 water
10 M3 debris tank

4 Tri-drive units

Single Axle HydroVac

20 GPM cat water pumps
700,000 BTU boilers
4000 CFM blower
6" suction boom

2 M3 water
4 M3 debris tank

1 Single Axle unit
Floater tires available

**Find Out if AirVac is
Right For You**
Get in touch

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