

**10 REASONS**

**To Try a Vapor Abrasive Blaster**

For Your Next Surface Preparation Project

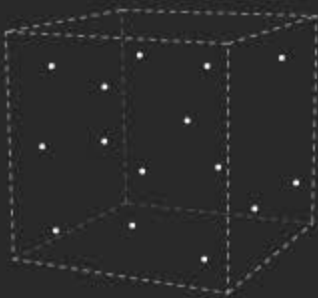
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# Vapor Abrasive Blasting Suppresses Dust

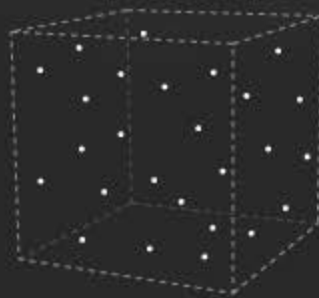


When particles pulverize on impact the debris is **trapped** in a water jacket.

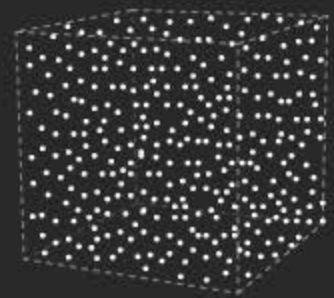
**This suppresses dust up to 92% compared to dry blasting.**



Permissible Exposure Level  
**15 mg/m<sup>3</sup>**  
Dust (OSHA)



Vapor Abrasive Blaster  
**26 mg/m<sup>3</sup>**  
Particle Density, Garnet Dust



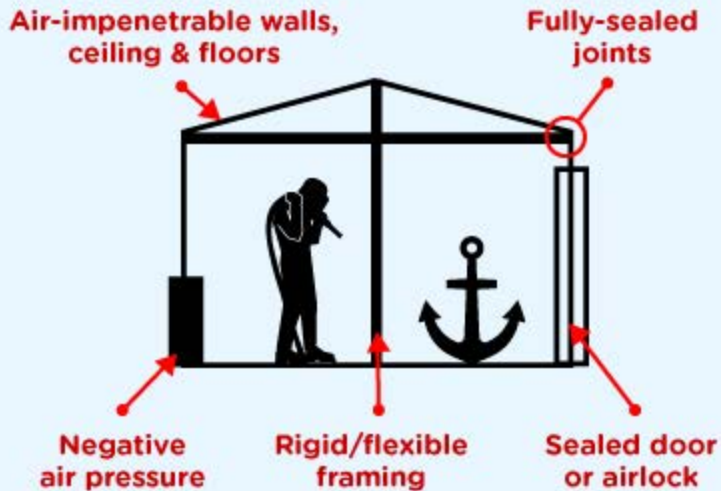
Traditional Dry Blaster  
**294 mg/m<sup>3</sup>**  
Particle Density, Garnet Dust

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## Minimal Dust = Minimal Containment

In many cases, where full containment is required for dry blasting, the requirements for vapor abrasive blasting are **much less stringent**.

### Traditional Dry Blasting



### Vapor Abrasive Blasting



Less work assembling, disassembling and moving containment, less material cost of containment + **the job gets done faster.**

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## Vapor Abrasive Blasting is Safer

### Traditional Dry Blasting



### Vapor Abrasive Blasting



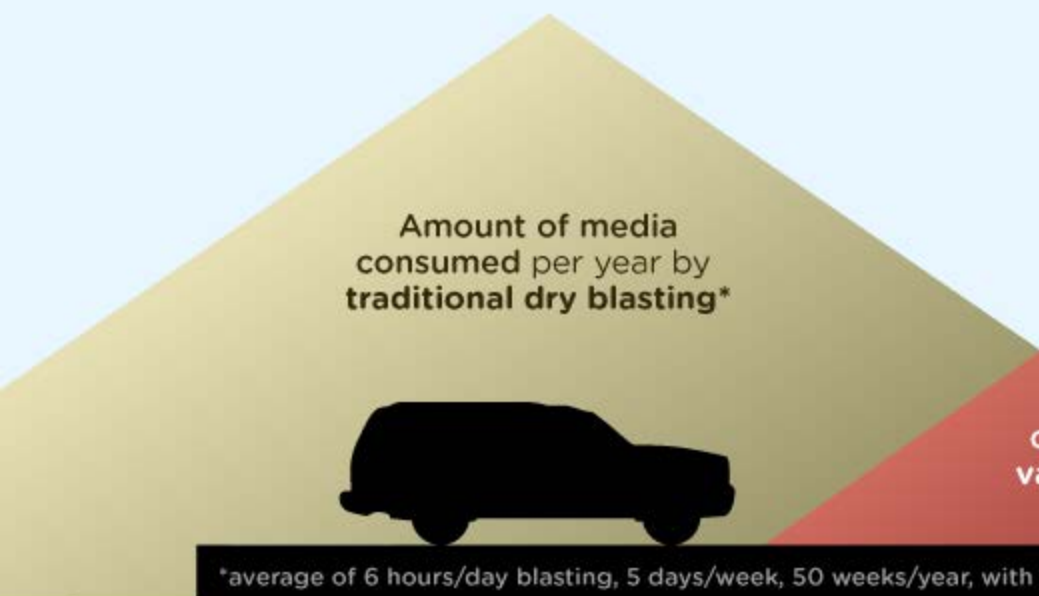
No dust cloud or mud splatter = Increased visibility for operators = Less workplace accidents




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## Vapor Abrasive Consumes Less Media

**Wet particles do more work** due to increased mass and hydrostatic force so blasters can use a **finer grade of abrasive**, resulting in **more impacts**, and **lower media consumption rate**.



Amount of media  
consumed per year by  
traditional dry blasting\*



Amount of media  
consumed per year by  
vapor abrasive blasting\*

\*average of 6 hours/day blasting, 5 days/week, 50 weeks/year, with a 1/2" nozzle at 100 p.s.i.

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## Vapor Abrasive Consumes Less Water

UP TO **80%**  
LESS WATER  
THAN SLURRY  
BLASTING

+  
no big, gritty  
mudpuddle to clean up,  
treat and dispose of

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## Less Operator Strain

With Vapor abrasive blasting, water and abrasive are mixed under pressure in the tank - **no pulling on 200ft of garden hose attached to the nozzle.**

**25 lbs** + **38 lbs** = **63 lbs**

weight of 200 ft  
of garden hose.

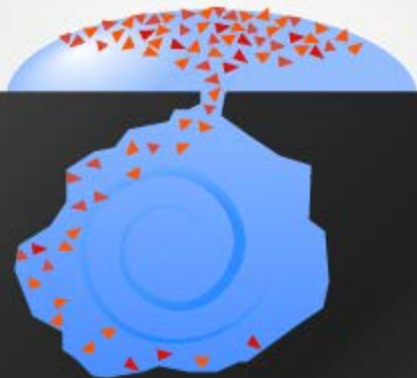
weight of water in  
200 ft of garden hose.

extra weight attached  
to your WIN nozzle  
halo ring.

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## Vapor Abrasive Cleans + Washes Surfaces

Vapor abrasive blasting cleans surfaces like sandblaster, only better. It **washes rust out of pits and crevices** and **rinses off soluble salts** and other contaminants **that cause flash rust.**



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## Equipment Lasts Longer

Because the abrasive comes out of the pot lubricated, it causes **less wear** on your **nozzles, hoses** and **valves**.

### Vapor Abrasive Blasting



1/8" nozzle  
tungsten carbide  
after 400 hours  
of blasting

### Traditional Dry Blasting





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## Vapor Abrasive Has More Applications

With **highly adjustable pressure**, vapor abrasive blasters can prepare a wide range of substrates - from blasting white metal to cleaning delicate surfaces - making it a **versatile workhorse**.



Metal Blasting &  
Surface Prep



Concrete  
Cleaning



Marine  
Maintenance



Disaster  
Recovery



Antique  
Restoration

## Blast Economically in More Environments

With **reduced containment and cleanup**, vapor abrasive blasters can take on projects that would be expensive for traditional dry blasting, such as **within municipalities** and in **environmentally sensitive areas**.



### THE BOTTOM LINE

Vapor abrasive blasting **reduces operating costs** substantially and **expands blasting opportunities**.

**Discover how vapor abrasive blasting is changing the industry.**  
Ask your local distributor for a demonstration.