

Cool Machines Inc.

Fiber Machines - Cutting Edge Cool

www.coolmachines.com

BY DAVE KRENDL

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Insulation Removal Vacuums



[IMPORTANT: Vacuum Saver 'required' for warranty consideration]

The Next Generation of Gas Vacuums

Our full line of rugged, powerful vacuums offers a choice for any application with any budget.

These new & improved vacuums are more durable and maintenance free than ever.

Direct Drive with large diameter turbine impeller = high tip speed, low maintenance and noise levels while providing the highest production in the industry.

An industry first: AR-400 0.64cm steel chamber band eliminates the need for a replaceable liner. Our AR-400 steel fan blades offer 3x's the wear life. Combined with our proprietary 'Vacuum Saver' design (optional), objects are removed from the fiber 'before' causing catastrophic damage to the impeller fan, chamber, and engine.

Our vacuums are portable, versatile, and high production to reduce labor time and increase profitability. These multi-purpose vacuums can be used for attic insulation removal, wall spray recycle recovery, foam-vac processing, and more...

Grow your business and increase profits by offering more services.

- Insulation removal & air sealing package can offer the homeowner as much as 30% to 40% energy savings.
- Older attic insulation, (due to moisture, pest control issues and odors) needs to be removed and replaced.
- Wall spray fiber intended for recycling can be conveyed directly to your spray machine for reuse.

We have the industry's highest rated, heavy duty, wet/dry Gas Vacuums with **cutting edge** design features.

Cutting Edge Cool!

Specifications:

- **Weights:** 5 h.p. - 63.5 kg
10 h.p. - 93 kg
- **Dimensions:** 76.2 cm long x 71.1 cm wide x 96.5 cm high
- **Motor Options:** 5 h.p. or 10 h.p.
- **Power Requirements:**
 - 5 h.p. - 230 volt, 1 phase, 20 amp grid power or 10kw generator/larger
 - 10 h.p. - 380 volt, 3 phase, 20 amp grid power
- **Fan Housing:** 0.64 cm AR-400 steel chamber
- **Blade Diameters:** 5 h.p. - 45.7 cm Diameter
10 h.p. - 50.8 cm Diameter
- Adjustable fan speed for control of various applications
- 15.25 cm dia. Inlet and Exhaust
- 25.4 cm dia. Run-Flat Wheels

'Electro-Vacs'



6.5 h.p. 'Mini-Vac'

Specifications: (for small jobs, DIY/Rental Machines)

- **Weight:** 50 kg.
- **Dimensions:** 73.7 cm long x 63.5 cm wide x 96.5 cm high
- **Engine:** Briggs OHV Dura-lube™, 900 Series I/C cast iron sleeve, 2.75 liter tank [manual pull start]
- **Fan Housing:** 0.64 cm AR-400 steel fan with steel chamber
- **Blade Diameter:** 35.6 cm Diameter
- r.p.m. / hour meter
- **Engine Warranty:** 2 year consumer/1 year commercial
- 15.25 cm dia. Inlet and Exhaust
- 25.4 cm dia. Run-Flat Wheels



11 h.p. 'Economy Vac'

Specifications: (Entry Level, Intermittent use)

- **Weight:** 77.1 kg.
- **Dimensions:** 76.2 cm long x 71.1 cm wide x 96.5 cm high
- **Engine:** Briggs OHV Dura-lube™, 1650 Series I/C cast iron sleeve, 3 liter tank, low level oil shutdown [manual pull start or electric]
- **Fan Housing:** 0.64 cm AR-400 steel fan x 0.64 cm AR-400 steel chamber.
- **Blade Diameter:** 45.7 cm Diameter
- r.p.m. / hour meter
- **Engine Warranty:** 2 year consumer/1 year commercial
- 15.25 cm dia. Inlet and Exhaust
- 25.4 cm dia. Run-Flat Wheels



Questions? Call us at 419-232-4871

16 h.p. 'Premium Vac'



Specifications:(Medium square footage jobs, high frequency use)

- Weight:** 113.4 kg.
- Dimensions:** 83.8 cm long x 71.1 cm wide x 96.52 cm high
- Engine:** Briggs "Vanguard" V-twin OHV, 8.5 liter tank, positive pressure lubrication, low level oil shutdown, oil pressure shutdown switch. [electric start]
- Fan Housing:** 0.64 cm AR-400 steel fan x 0.64 cm AR-400 steel chamber
- Blade Diameter:** 50.8 cm Diameter
- r.p.m. / hour meter
- Engine Warranty:** 3 year commercial
- 15.25 cm dia. Inlet and Exhaust
- 25.4 cm dia. Run-Flat Wheels
- Electric start with included 12 volt battery
- Integrated engine block cooling air filter.

Optional: Foam-Vac Attachment



'Our' Vacuums are Different:

New & Improved: AR-400 abrasion resistant 0.64 cm thick impeller blades and turbo-sonic 'FC' designed blade, creates tip turbulence eliminating wet fiber accumulation on blade and chamber. Solid robotic welds and precision dynamic balancing provide a smooth running blade with minimal wear to engine bearings insuring safety for the operator.

Our chambers feature heavy-duty 0.64 cm AR-400 abrasion resistant armor plate which triples the life of the chamber and eliminates need for a sacrificial liner, which requires regular monitoring to prevent catastrophic failure inside fan chamber.



**Recoil Air Filter is standard on
16 h.p. and 23 h.p. models**
Reduces fiber build-up
around engine.

23 h.p. 'Monster Vac'

Specifications:

(Large square footage jobs/high production, high frequency use)

- Weight:** 133.8 kg.
- Dimensions:** 106 cm long x 71.1 cm wide x 94 cm high
- Engine:** Briggs "Vanguard" V-twin OHV, 19 liter tank, positive pressure lubrication, low level oil shutdown, oil pressure shutdown switch. [electric start]
- Fan Housing:** 0.64 cm AR-400 steel fan x 0.64 cm AR-400 steel chamber.
- Blade Diameter:** 50.8 cm Diameter
- r.p.m. / hour meter
- Engine Warranty:** 3 year commercial
- 15.25 cm dia. Inlet and Exhaust
- 25.4 cm dia. Run-Flat Wheels
- Electric start with included 12 volt battery
- Integrated engine block cooling air filter.



Optimal Performance with 'ALL' Fibers



Why Briggs & Stratton Engines?

Briggs & Stratton engines are the largest gas engine manufacturer in the world (over 12,000 authorized dealers in North America). With 24 hr. parts availability and multiple service locations within a 30 mile radius throughout the country, you have the best support system available to keep your engines running.

The premium grade 'Vanguard' engine is a high quality engine (with 3 year commercial warranty) manufactured in Japan and is widely considered the 'best' in the industry.



Production Rate Myths: Real or Hype?

Production rate increases with higher tip speed (ft. /sec.). Larger diameter impeller blade x 3600 = greater production rates.

High r.p.m. belt/coupler driven vacuums = high maintenance and noise levels.

Other factors affecting production rates are hose length, hose diameter, and discharging into filter bags or open dumpster.

Many manufacturers "hype" their production rates...Our vacuums will perform equal to/or greater than our competitors similar sized models.

Cool Vacuum Accessories



Hose Reels



Hoses & Fittings



Filter Bags



Vacuum Wands

Our Cool Vacuum Savers are the answer to vacuum machine damage. Attic insulation contains objects impossible to avoid, causing catastrophic damage to the fan, chamber, and engine. The Vacuum Saver is an inline device that catches machine damaging objects before they reach your vacuum. Simply connect the unit in the suction line, in front of the vacuum, and continue with your job.



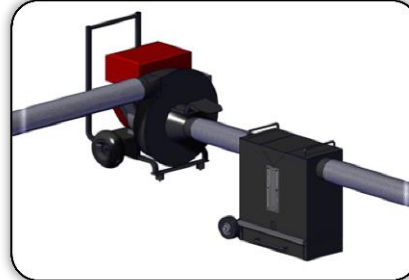
VS-Eco:

- Designed for use with all gas vacuums.
- Economical solution to protect vacuum.
- Integrated top lid access door allows the unit to be cleared of collected debris.
- Process shutdown required for emptying.
- **Weight:** 26.8 kg



VS-Deluxe:

- Designed for use with all gas vacuums.
- Debris level window lets the operators visually see the units capacity without machine shutdown
- An integrated Stainless SlideGate lets the operators clear the unit of debris without machine shutdown.
- A removable catch drawer allows for easy debris removal from unit.
- (Optional) Wheel package
- **Weight:** 34 kg



VS-XL:

- Designed for use with large, double in-line vacuum systems.
- Integrated top lid access door allows the unit to be cleared of collected debris.
- Wheel package making this unit even more mobile while hooked-up
- Process shutdown required for emptying.
- **Weight:** 44.5 kg

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