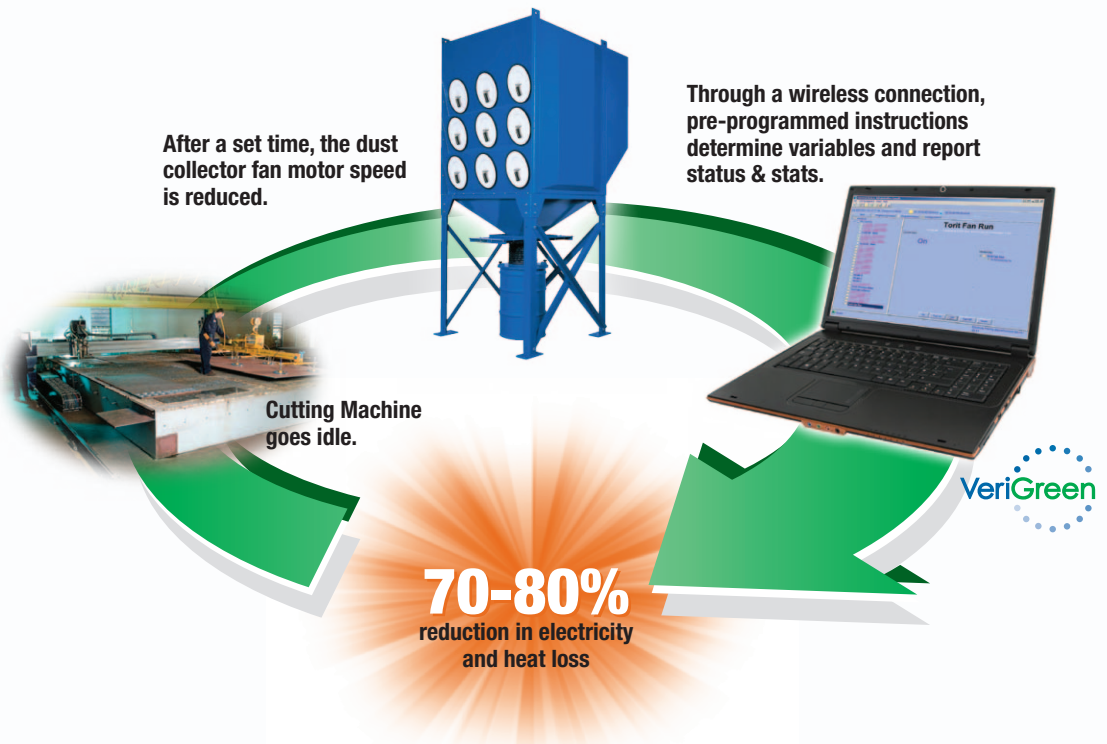


Our experience makes going green profitable.

Cut Dust Collection Operating Costs by **70-80%**

while *reducing* environmental impact with the **VeriControl Dust Collector System**

Typically, any process that requires dust collection rarely achieves greater than 30% 'green light' operating time, yet dust collectors run 100% of the time. Matching these two operational times captures lost dollars every day!



Typical ROI of 7.5 months for:

>> Laser & Plasma Cutting Tables <<

>> Metalworking Shops <<

>> Woodworking Shops <<

>> Pharma, Cosmetic, Food & Chemical <<

>> Any dust or fume-producing process <<



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**7.5 MONTH
PAYBACK**

VeriControl DUST COLLECTOR SYSTEM

Studies show that typical dust and fume-producing operations rarely achieve greater than 30% actual operating time, while dust-collection systems operate 100% of the time. The result is obvious - up to 80% of the electricity used to operate the system is wasted - taking valuable heated air with it.

With the VeriControl System from VeriGreen, the dust control variable motor is automatically scaled back on shut down until it's needed. You control the set-back parameters and your costs. The following case study illustrates actual savings on a plasma cutting table with a 13,000 cfm, 40hp dust collector.

ELECTRICITY SAVINGS CALCULATIONS	Weekly Operating Hours	Fan Horsepower on Dust Collector	kW Demand at Any Moment	Annual kWh	\$/kWh	Annual Electrical Operating Costs
Without VeriControl System	80	40	29.8	119312	0.11	\$13,124
With VeriControl System	70% reduction minimum					\$3,937
Annual Electrical Savings						\$9,187

HEATING SAVINGS CALCULATIONS	Weekly Operating Hours	Fan CFM on Dust Collector	Cubic Feet of Heated Air Expelled Per Year	\$/kWh	Annual Electrical Operating Costs
Without VeriControl System	80	13,000	3,120,000,000	0.0058	\$6,160
With VeriControl System	70% reduction minimum				\$1,848
Annual Electrical Savings					\$4,312

1st Year System Cost After ERIIP Incentives	\$8,400
Payback (months)	7.5
1st Year Return on Investment	161%
10-Year Return on Investment	1600%

Total Annual Utility Costs WITHOUT VeriControl System	\$19,284
Total Annual Utility Costs WITH VeriControl System	\$5,785
Total Annual Heating & Electricity Savings with the VeriControl System	\$13,499
10-Year Accumulated Savings	\$134,990

Note: Electrical savings calculations are actual. Natural gas savings may vary ±10-15%.

Applications



Metalworking:
machining, grinding, finishing, welding, cutting, spraying



Woodworking:
sanding, planing, sawing, routing, drilling, lathing



Pharma/Chemical/Food:
powder & fumes from pouring, mixing, filling, transporting



Other:
agricultural, metallurgical, mineral processing

Responsible
energy management means increased profits
with **VeriControl**

Ask how VeriGreen can replace and retrofit your current system.

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