



Automotive Parts Manufacturer Finds Quick ROI with Cross Air Flow Monitor

Actively monitoring compressed air consumption can have benefits for your bottom line. One of our customers, a manufacturer of automotive parts, found significant savings after just a few months. They used the Cross Compressed Air Flow Monitor to record the amount of air being used by their cabinet cooler. This device utilizes compressed air to cool an electronics cabinet. Because it is exhausting to the atmosphere to cool the cabinet, any extra air used in the process is wasted. For this reason, they wanted to see if they could accomplish the same task while using less air.

To begin, they measured their baseline air consumption which was found to be 33 SCFM at 90 PSI. Because they are using the air to control temperature, they monitored the temperature while reducing the PSI. The customer found that by using only 20 PSI they could maintain 10 SCFM which still keep the cabinet at an acceptable temperature. For this particular customer, it costs around \$0.28 to produce 1000 cubic feet of air. They found that over the course of a year utilizing the Cross Air Flow Monitor will save them nearly \$4,000 on this single piece of equipment. Other customers have reported prices ranging from \$0.25 to \$0.50 per 1000 cubic feet, so it is easy to see how the cost savings can quickly add up.

Are you Interested in discussing your project? Learn more about our [Compressed Air Flow Monitor](#) and contact a Cross team member to discuss implementing a solution like this for your operation!

[CONTACT CROSS](#)

Take Advantage of IRS Section 179 and Bonus Depreciation before 2020

Write-off the entire equipment for the current tax year

Many people think that Section 179 of the IRS Tax Code is complicated, when it really is not. For qualifying equipment, you can deduct the full purchase price from your gross income.

If you need to purchase capital equipment, take advantage of IRS Section 179 before December 31, 2019. If you buy (or lease) a piece of qualifying equipment, you can deduct the full purchase price (up to \$1,000,000) from your gross income.

[Click here to learn more about Section 179](#)



EXAMPLE:

Equipment Cost:	\$ 50,000.00
First Year Write-Off:	\$ 50,000.00
<small>(\$1,000,000 is the max. Section 179 write-off)</small>	
100% Bonus Depreciation:	\$ 0.00
<small>(On any remaining value above \$1,000,000)</small>	
MACRS 1 st Yr. Depreciation:	\$ 0.00
<small>(Depreciation 20% year 1 (assuming 3 year property NY convention))</small>	
Total 1 st Yr. Depreciation:	\$ 50,000.00
Tax Savings Assuming Rate of 21%:	\$ 10,500.00
<small>Equipment Cost x 21%</small>	
1 st Yr. Net Cost After Tax Savings:	\$ 39,500.00
<small>Equipment Cost - Tax Savings</small>	

[Discuss Your Capital Equipment Purchase](#)



Smart Manufacturing and IIoT

IIoT and IoT technologies are intended to assist companies in creating smarter manufacturing systems and smarter machines through the use of digital and internet technologies. Cross Company specializes in helping companies improve machine and manufacturing process performance by providing solutions with providers such as [Phoenix Contact](#), [Advantech](#) and [ICONICS](#). We have decades of experience assisting all types of companies with meeting their goals

Are you interested in implementing a smart manufacturing IIoT solution for your operation? Contact a Cross team member today to start a conversation and see how we can help your team.

[Contact Cross](#)



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