

Go *Green*

With

Save *Green*

LEHIGH'S

Green Series Cylinder



INCREASE PROFITS



REDUCE EXPENSES

Designed To Reduce Compressed Air Consumption,
Operate More Efficiently, Improve MTBF Rates
& Lower Your Total Cost Of Ownership

Easy To Order

*Pneumatic
Hydraulic
Standard
Custom*

Brass

Easy To Install

*Cylinders
Accessories
Spring Cylinders
Boosters & Tanks*

Stainless



Steel



800-257-9515

LehighFluidPower.com/Green

Compressed Air Is NOT Free

Did you know that a 6" bore x 6" stroke air cylinder can use in excess of \$1,150 worth of compressed air per year¹?

The cost to generate compressed air ranges between \$0.25 to \$0.40 per 1,000 cu ft. according to many leading fluid power experts.

And that does not take into consideration the costs of compressor maintenance or wear & tear.



Conserve Energy

In many applications, full cylinder force is only required during the "working" stroke.

Full force may be required during extension of the cylinder rod but no work is being performed during retraction - the cylinder is only returning to its starting position. When a standard air cylinder is used in this application, energy is wasted.

Lehigh's **Green** Series cylinder provides you with an easy way to reduce air pressure when it is not required. You can easily save an average of 21% in compressed air for each **Green** Series cylinder in use². This reduces the load on your air compressor which decreases your energy usage.

¹ Calculations are based on a 6" bore x 6" stroke cylinder with a 1 3/8" rod dia., operating at 15 cpm, 16 hrs/day, 5 days/wk, 52 wks/year & a \$0.25/1,000 cu ft. compressed air cost. With an 80 PSI extend & an 80 PSI retract pressure setting, the total annual air consumption of this cylinder is 4,605,254 SCFM.

² With an 80 psi extend pressure & a 40 psi for retract pressure, total air consumption drops to 3,661,463 SCFM/yr, a 21% reduction.

³ A 21% reduction in air consumption at a \$0.25/1,000 cu ft. compressed air cost equals a savings of \$296.40/yr.

Greener Environment = Greener Wallet

Lehigh's **Green** Series cylinder reduces utility usage, & carbon emissions which helps make the environment greener. It also reduces operating expenses which helps make your wallet greener.



Save Money = Increase Profits

We all know that money doesn't grow on trees, but with the **Green** Series cylinder from Lehigh, you would think it does.

Test results show that by reducing the operating pressure in the return stroke of the **Green** Series cylinder, you will realize an average annual savings of \$296.40 per year in compressed air expenses³. Savings that results in higher profits.

Reduce Total Cost Of Ownership

The expense of purchasing a cylinder should not be based solely on the price of the cylinder.

Downtime due to failures, life expectancy, and reparability also contribute to the cost of ownership & should be analyzed. The **Green** Series cylinders incorporate Lehigh's unique Miracalube piston and ILCN seals with a Dual-Max Regulator.

Lehigh's design not only saves energy but helps the cylinder last longer - reducing your Total Cost Of Ownership.

Easy To Order Easy To Install

Talk to your local authorized distributor or contact Lehigh Fluid Power to learn how you can benefit from our **Green** Series Cylinders.

