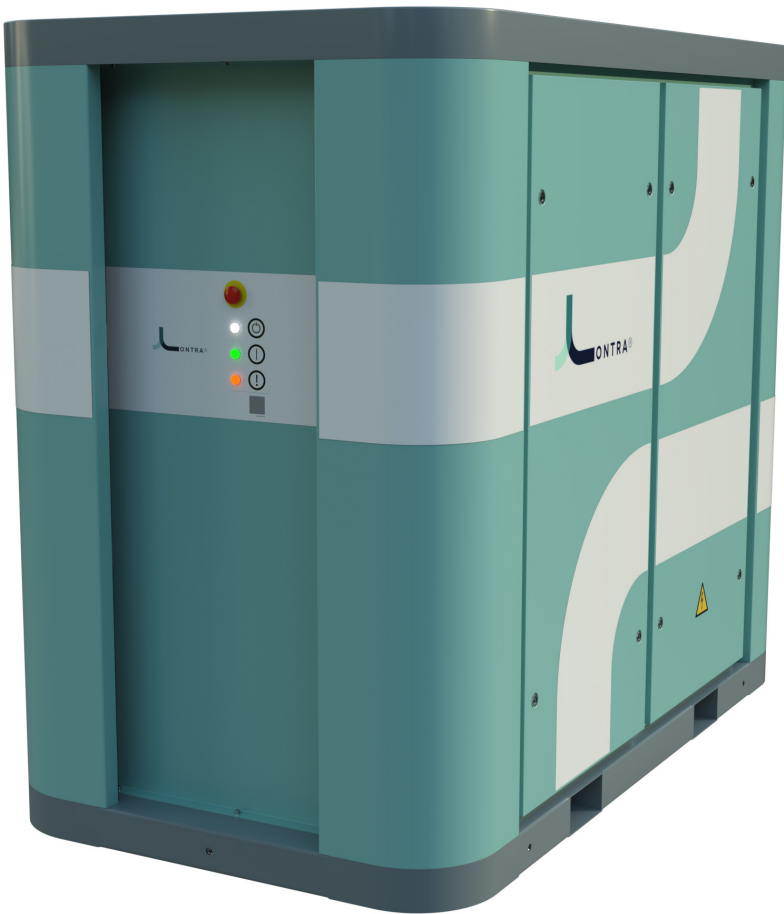




Lontra Blade Compressor®

LP2 TECHNOLOGY

SECOND GENERATION



**Lower Power
Consumption**

**Increased
Reliability**

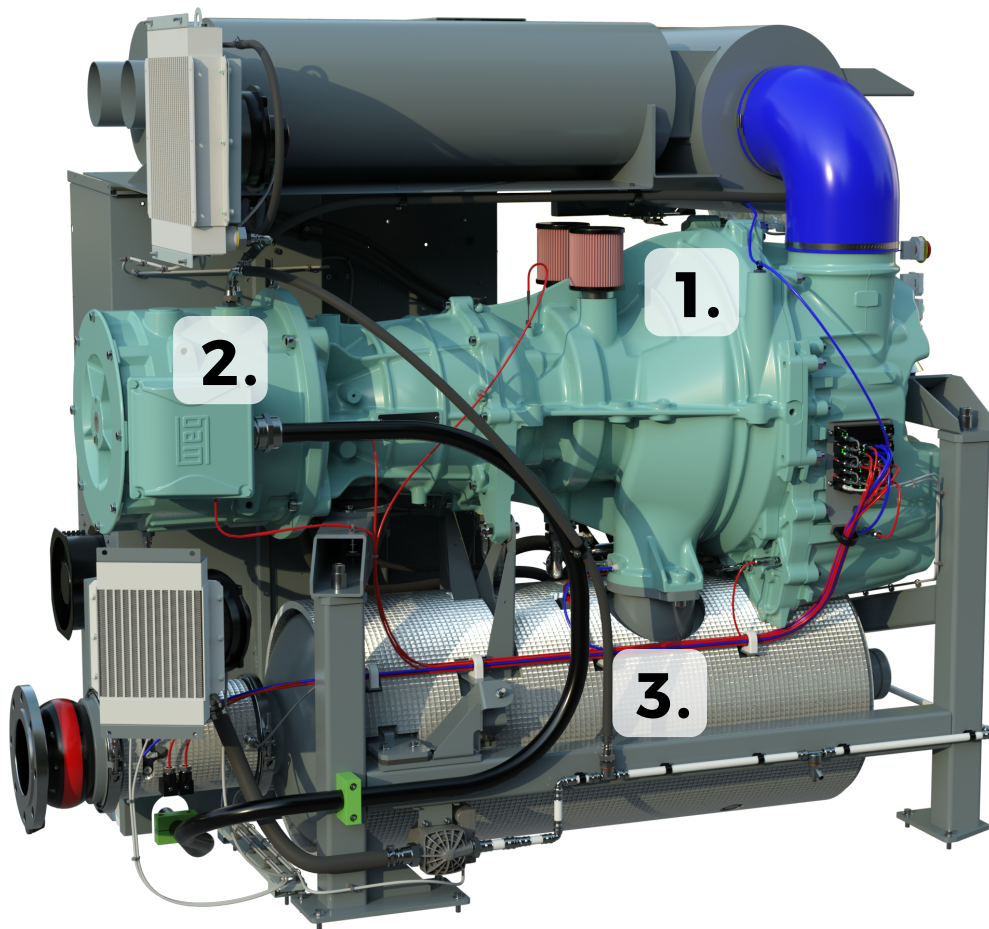
**Reduced
Maintenance**

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THE RELIABLE REVOLUTION

Why use Blade Compressor®
blower technology?

This is a new blower technology that is quiet, smooth, with proven reliability and cost savings.

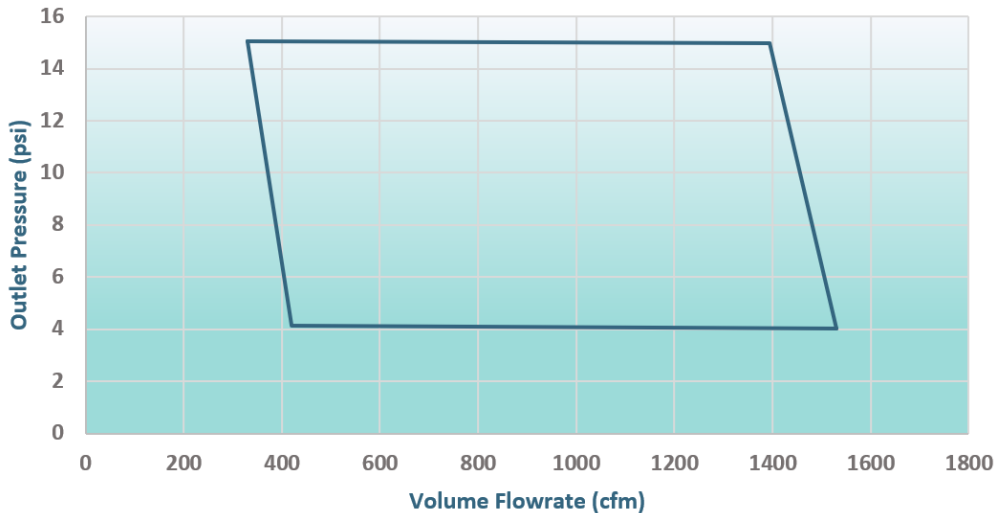


- 1.** The unique and patented Lontra Rotary Blade air end provides oil free air more efficiently than other blower designs while also providing greater reliability and lower maintenance.
- 2.** The Lontra WEG motor is mounted directly on to the compressor shaft with no coupling to reduce losses and further increase efficiency at all operating points. No gears or drive belts and meets proposed ultra-premium standard.
- 3.** Lontra has designed silencers that, while reducing the noise level, also reduce pressure drop which contributes to additional power savings.

ENGINEERING EFFICIENCY EXCELLENCE

The patented Lontra rotary
blade air end

LP2 Operational Range

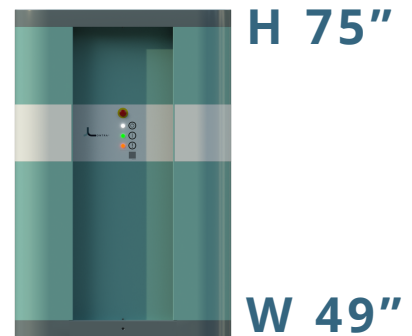


**For lower and higher
pressure applications
please consult factory**

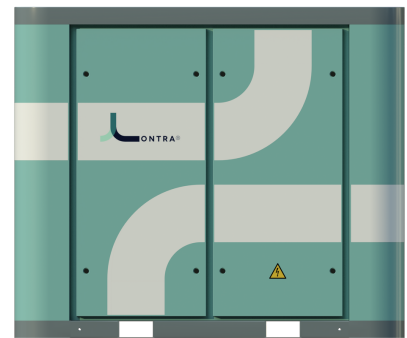
- Flow rate from from 350cfm to 1550cfm
- Pressure Range from from 4psi to 15psi
- State of the art controller with remote monitoring capabilities
- Best in Class Warranty
- Sound attenuating enclosure with no grilles and unique air flow design



A new blower
technology that
is quiet,
smooth, with
proven
reliability and
cost savings.



L 89"



SEE HOW IT
WORKS



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COMPANY OVERVIEW

Lontra is a technology company based in the Midlands UK, developing innovative products to address traditional engineering challenges. Our Blade Compressor® blower technology is a completely new form of air, gas, refrigeration compressor or vacuum pump.

The first widely applicable new design in 80 years, already proven in industry, and applicable to enormous global markets.

The Blade Compressor® has a number of features which are of great interest to the air compression market where it has proven itself since 2012. These include a novel, oil-free compressor geometry and exclusive patented air end.

The complete package also features the Lontra WEG ultra-premium motor, Yaskawa VSD inverter which are all secured within the unique, sound attenuating enclosure designed jointly with Universal Wolf.

Reliability is a fundamental value of Lontra's airends. The LP2 airend is by design a very robust unit, with unique tolerance to extreme duty and difficult conditions. In normal use this will be seen as maintaining high efficiency for many years, and, while we advise against abuse, in unforeseen conditions where other designs may suffer major damage, the LP2 air end is expected to continue supporting your process.

This is expected to be of great interest to many industries, as energy restrictions, noise and reliability become ever more challenging. The energy savings and maintenance benefits of the technology have already been proven in the wastewater industry, where Lontra's blowers work around the clock to aerate wastewater.



Trialled by Severn Trent Water in the UK, the technology delivered energy savings verified by Severn Trent Water of 21% compared to traditional blower designs, with a potential \$2.39 million reduction in their annual energy costs for the business. They continue to use the technology today. These energy savings increased in the LP2 trial for the pneumatic conveying sector, where energy savings of 34% were measured, again against traditional blower designs.

Businesses can expect to see new products launched over the next few years, incorporating the disruptive Blade Compressor® technology, bringing new levels of reliability and efficiency to many industries.

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Contact Lontra

Tyseley Compressor Plant
Fordrough, Yardley,
Birmingham
B25 8DW

Midlands Technical Centre
Unit 7, Folly Lane,
Napton, Warwickshire
CV47 8NZ