

Change your blowers
and start saving from day one



Make the change and start to enjoy the benefits

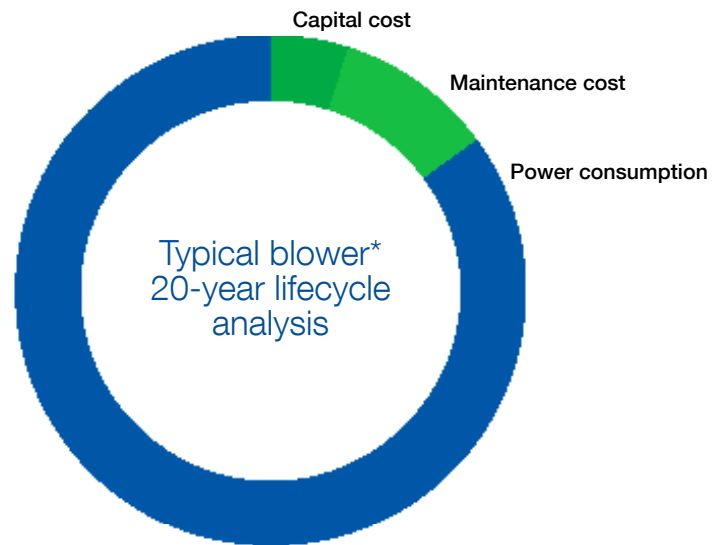
More than 50% of the electricity consumed in the treatment of wastewater is used to compress air for the secondary treatment aerated basins. What is less well-known is the amount of frustration caused by failing, unreliable blowers and the excessive cost to maintain and repair old equipment.

Sulzer has been successful in helping wastewater treatment plant operators around the world cut their energy, maintenance and repair costs while maintaining or improving the treatment result. This is achieved by replacing old positive-displacement or centrifugal compressors with the state-of-the-art HST turbocompressor.

The best and most popular blower in the world

When first launched to the market, the HST turbocompressor offered something new in low pressure compression. With no lubrication or liquid coolant required, the only regular maintenance is to change the air filters.

The state-of-the-art HST turbocompressor is a combination of superior, well proven technology with a single impeller design used across the range for maximum efficiency. The impeller is directly driven by a purpose-built motor that operates at the required speed of the application. This design also makes it unique in being so silent that it is possible to have an installation where hearing protection is not needed. At the same time, the best-in-class efficiency means that the more it is used, the more savings are realized.



*non-magnetic bearing blower



Magnetic bearings are the game changer – No other bearing technology offers the same efficiency, stability or economical life. With magnetic bearings the rotor is levitated before it starts to rotate. There is never any contact between the rotating and static parts, even during starts and stops. This means that there is no mechanical wear and no performance deterioration over time.

All of the technology contained in the HST comes as an easy to install package, with no need for special foundations or a crane for installation.

Finance the change to HST

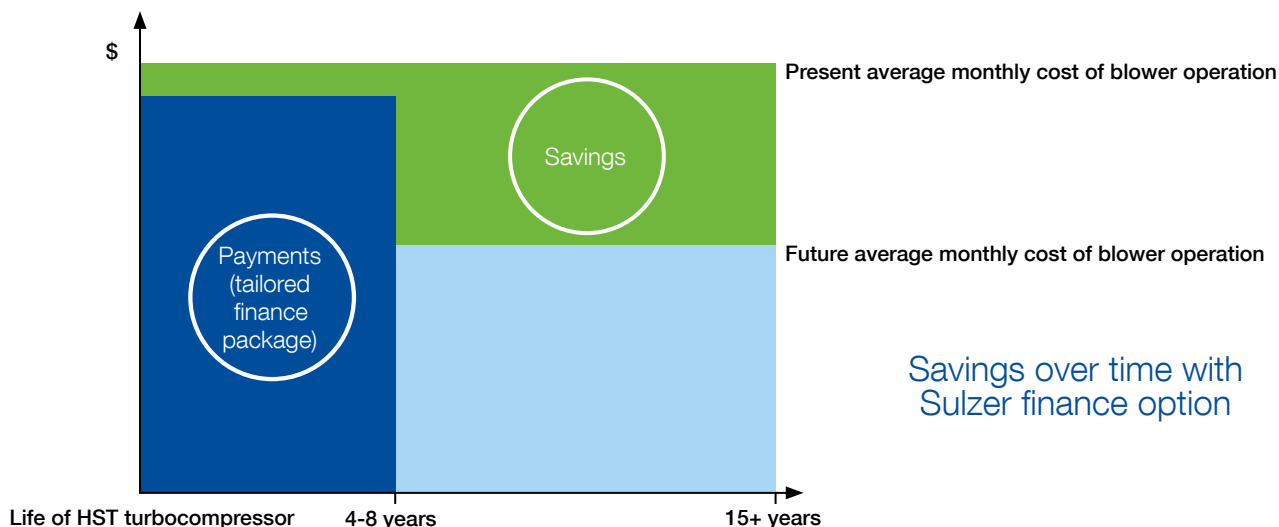
While the need to reduce costs and decrease the CO₂ footprint of operations is universal, sometimes it is a challenge to attract funding to invest in new technology within a reasonable timeframe.

Sulzer now offers the possibility to make this transition without digging deep into your investment budgets. We will determine the savings potential in your plant and produce a tailor-made finance solution to meet your specific needs to convert your plant to HST turbocompressors.

Sulzer will perform a detailed survey of your existing operation to determine the most suitable configuration. This service is free of charge and entails no commitment to purchase. Based on the survey results, we can provide a quotation which indicates the operational benefits of upgrading to an HST turbocompressor as well as the savings to be made against your existing arrangement. After an agreement is reached, Sulzer will deliver and supervise the installation as well as commissioning of the HST turbocompressors.

Upgrading your facility may even cost less than the sum of the savings on energy and maintenance! This way you will have a saving from day one. With the minimal maintenance requirement, the HST turbocompressor offers extended reliability as well as optimized running costs.

Don't you think it's time for change? If you would like to take advantage of the latest in turbocompressor technology and boost the efficiency of your process, contact your local Sulzer representative to discuss your requirements.





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