



Sprintex Limited
ABN: 38 106 337 599

ASX: SIX

ASX RELEASE

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Sprintex G15 jet blower delivers 72% energy saving at SEA LIFE Sunshine Coast – Demonstrates scalability for global aquarium network

Highlights

- **Implementation of one G15 Jet Blower at SEA LIFE Sunshine Coast aquarium to replace a previous side channel blower**
- **Initiative was part of a collaboration with Fresh By Design and Merlin Entertainments, the operator of SEA LIFE — the world’s largest aquarium brand**
- **G15 blower reduced energy consumption by 72%, operating at just 2.7 kW compared to 9.7 kW for the legacy system, saving 61,320 kWh annually – additional benefits estimated in ongoing maintenance requirements and noise levels**
- **SEA LIFE operates 57 aquariums across 22 countries – this low-cost and scalable model offers a pathway for substantial energy and cost savings across these sites**
- **SEA LIFE is part of Merlin Entertainments’ broader portfolio of 140 locations worldwide which host over 60m guests per annum**
- **Results offer a blueprint for the global aquarium sector to achieve ongoing cost and energy savings – additional sites and providers now being targeted to drive sales growth**

Sprintex Limited (ASX: SIX) (“Sprintex” or “the Company”), is pleased to advise that it has successfully implemented its G15 Jet Blower at SEA LIFE Sunshine Coast aquarium (“SEA LIFE”), which has led to a 72% reduction in energy consumption. The success at SEA LIFE Sunshine Coast highlights the potential for scalability of Sprintex’s G15 Jet Blower across the group’s extensive network and offers a blueprint for the global aquarium market to achieve significant energy savings and operational efficiencies.

The implementation was part of a milestone project undertaken in collaboration with Fresh By Design and Merlin Entertainments, the operator of SEA LIFE — the world’s largest aquarium brand.

SEA LIFE operates 57 aquariums across 22 countries, hosting millions of visitors per year. It is part of Merlin Entertainments’ broader portfolio of 140 locations worldwide, which include LEGOLAND Parks, Madame Tussauds, and Alton Towers Resort, which all service over 60 million guests each annum.

As part of the trial, a Sprintex G15 4kW Jet Blower replaced a legacy side channel blower. Upon implementation, SIX’s solution reduced power draw by 72% from 9.7 kW to 2.7 kW. Further, the Sprintex system also reduced noise levels significantly, from 84 dB to approximately 71 dB.

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The project delivered a rapid return on investment for SEA LIFE, underpinned by the significant energy savings. Over a ten-year lifespan, SIX's solution is also estimated to reduce scheduled maintenance from every 10,000 hours to every 18,000, leading to additional savings in labour costs.

Feature	Old Blower (Dynavac)	New Blower (Sprintex G15)
Power Consumption	9.7 kW	2.7 kW
Pressure	50 kPa	50 kPa
Noise	84 dB	<71 dB
Weight	191 kg	11.2 kg
Lifespan	2-3 years	10 years

From an environmental impact standpoint, the use of SIX solutions would reduce CO₂ emissions by ~30 metric tonnes per site annually, based on a global average of 0.5 kg CO₂e/kWh. This aligns with the increasing adoption of Sprintex Jet blowers in compression applications, where energy efficiency and environmental performance are critical drivers of market growth.

Side channel blowers are widely used in air compression applications, across industries such as aquaculture, wastewater treatment, and pneumatic conveying. The total addressable market for side channel blowers (including compression) was valued at ~US\$0.59Bn in 2024 and is projected to reach US\$0.88Bn by 2032¹. Compression applications, which leverage these blowers to generate high-pressure airflow for aeration and gas handling, represent a significant portion of this market, driven by the need for efficient, reliable, and oil-free air solutions.

As a direct replacement for side channel blowers, Sprintex's G15 Jet Blower, with its advanced monitoring systems and superior energy efficiency, positions the Company to capitalise on growing demand, delivering substantial environmental and operational benefits in compression-focused applications.

Success in this trial follows the Company's success with Ilknak Aquaculture in Türkiye, which also achieved a 70% energy reduction and led to a US\$120,000 order from Net 0 Enerji.

Sprintex expects the results of its trial with SEA LIFE to provide further validation of its offerings, in the lead up to additional sales within the sector.

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Management commentary

Oli Underwood, Displays Curator at SEA LIFE Sunshine Coast, commented: *"We are very pleased to have undertaken this project with Sprintex, which is truly a game-changer. Having implemented a system that has delivered significant cost savings perfectly aligns with our global sustainability and efficiency goals through close collaboration with the Global Energy Team.*

This development is a powerful example of how a simple, low-cost initiative can drive major energy savings and pave the way for global standardisation — not just for SEA LIFE, but for aquariums and similar sites globally."

Sprintex Managing Director and CEO Jay Upton commented: *"We are very pleased to have delivered such outstanding results at SEA LIFE Sunshine Coast. This trial provides further validation of our G15 Jet Blower and its considerable potential across Merlin Entertainment's broader site portfolio, as well as the countless aquariums across the world.*

The results from this trial will serve as a strong catalyst to increase our marketing efforts with other participants in the sector, as well as with Merlin Entertainment across their range of aquariums. Importantly, the system has shown considerable cost-savings and a potential reduction in labour costs associated with maintenance, which have the potential to benefit groups from an operational and environmental perspective."

This ASX announcement has been authorised for release by the Board of Sprintex Limited.

-ENDS-

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About Sprintex:

Sprintex, established in Australia in 2003, is a prominent company specialising in the engineering, research, product development, and manufacturing of ultra high-speed electric motors and clean air compressors. The Company is dedicated to creating energy-efficient solutions for various applications, significantly impacting both industrial and automotive sectors. Sprintex's innovation-driven approach has positioned it as a leader in the development of clean air technologies, continually advancing the standards in these industries.

In the industrial sector, Sprintex's G Series blowers are designed for high-speed air movement in wastewater treatment, aquaculture, paper milling, and pharmaceuticals, ensuring efficient and reliable performance. Additionally, Sprintex develops fuel cell compressors for clean energy applications, particularly in hydrogen and natural gas fuel cells, promoting sustainable energy solutions. In the automotive realm, the Company focuses on enhancing hybrid and petrol vehicles with high-speed electric motor-driven compressors, while its legacy in twin screw superchargers continues to influence modern advancements.

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Forward Looking Statements:

This announcement contains 'forward-looking information' that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the Company's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this announcement are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance, or achievements to be materially different from those expressed or implied by such forward looking information.

¹ <https://www.businessresearchinsights.com/market-reports/side-channel-blowers-market-106142>