



Sprintex Limited

ABN: 38 106 337 599

ASX: SIX

ASX RELEASE

14 November 2023

Dedicated Division for Proprietary G Series Blowers

Sprintex Limited (ASX: SIX) (**Sprintex** or the **Company**) is pleased to advise the establishment of its new division – Smart Aeration Solutions – to drive sales of the Company’s innovative G Series high-speed blowers featuring the Company’s exclusive Smart Pulse Aeration (SPA) system.

Highlights

- **New Division established to spearhead sales and marketing of G Series High-Speed Blowers**
- **World launch at the prestigious Water Energy Technology Expo (WETEX) Dubai**

Production of the Company’s G15 and G26 (to be rebranded G25) commenced on schedule in October 2023. Daily production is expected to be 50 and 15 units of the G15 and G25 blowers respectively. (see ASX announcement of 18/10/2023)

The SPA system, first announced on 13 June 2023, provides up to 40% energy saving when compared to traditional systems. SPA mode allows the integral PLC (Programmable Logic Control) to vary the air output based on the oxygen content of the water reducing energy wastage and ensuring high efficiency of the process.

The SPA system utilises intermittent pulsing to significantly reduce energy use and provide versatile airflow control, unlike always-on systems. The 80,000-100,000 rpm impellers have undergone extensive optimisation through simulation, validated by leading UK fluid dynamics experts, enhancing efficiency by 10% over traditional centrifugal impellers, with peak isentropic efficiency up to 82%.

Leveraging the Company’s recent technology advances in high speed electric motor design, initially developed to service hydrogen fuel cell compressors and other clean energy applications, the G15 and G25 utilise core components common with Sprintex clean energy compressors, offering significant savings on production and inventory costs across the entire Sprintex e-compressor and blower ranges.

The Company will present the new G15 and G25 ranges offering 5 power increments between 3kW and 37kW across the two models, facilitating application to a broad range of applications, at the upcoming Water Energy Technology and Environment Expo (WETEX) sustainability event in Dubai UAE November 15-17, 2023. Details of these new ranges can be viewed at www.smartaeration.au.

Sprintex MD Jay Upton commented:

“The unveiling of Smart Aeration Solutions will coincide with our participation at the prestigious Water Energy Technology Expo (WETEX) Dubai. This strategic event, aligned with Dubai’s vision of sustainable development, will serve as the international launch pad for the G15 and G25 series, showcasing our commitment to renewable energy and green technology solutions.

“Our presence at WETEX Dubai marks a significant milestone for Sprintex as we demonstrate our dedication to contributing to a sustainable future.”

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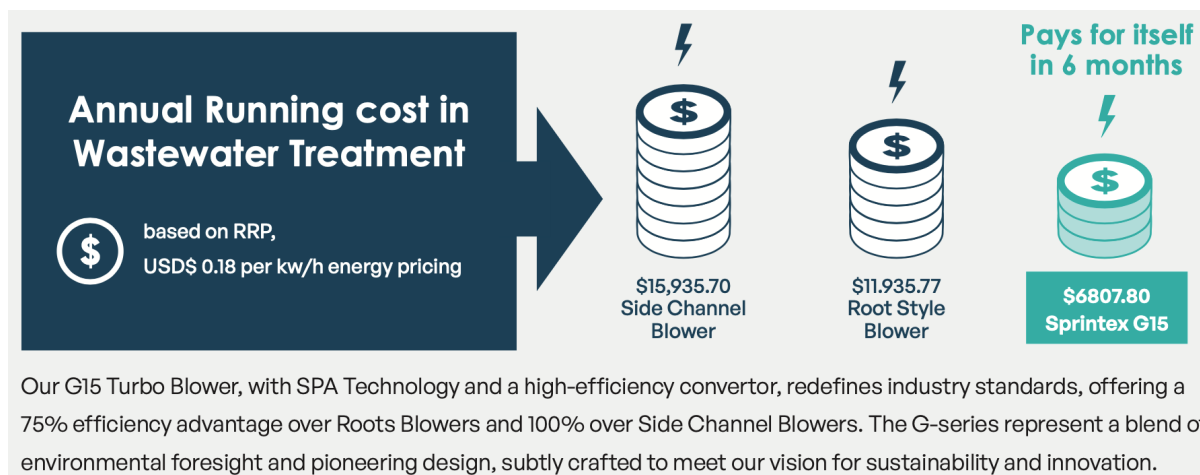


Figure 1 – Running cost comparison (USD\$0.18 per kWh) based on published competitors technical specification sheets & global retail energy pricing (USD\$ per kWh (source: <https://www.statista.com/statistics/263492/electricity-prices-in-selected-countries/>])

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

For further information

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About Sprintex

Sprintex is a clean air compressor engineering, research, product development and manufacturing company, incorporated in Australia in 2003. Sprintex designs and manufactures electric and mechanically driven clean air compressors for use in a wide variety of applications, including:

- ☐ combustion engines where Sprintex sells Sprintex® twin screw superchargers, and supercharger systems incorporating the Sprintex® twin screw supercharger, in the automotive aftermarket and original equipment manufacturer (OEM) market in Australia, Asia, Africa, the Middle East and the United States of America;
- ☐ hydrogen fuel cells, which require a constant flow of oxygen rich air;
- ☐ industrial oil-free clean air applications, including wastewater treatment; and
- ☐ the innovative G Series high-speed blowers featuring the Company's exclusive Smart Pulse Aeration (SPA) system