



**Sprintex Limited**  
ABN: 38 106 337 599

**ASX: SIX**

**ASX RELEASE**

**13 June 2023**

## **Lighter Smaller Quieter 27-40% Energy Saving Turbo Blowers**

### **Sprintex Develops New 'Smart Pulse Aeration' and Releases the New Technology G15 Turbo Blower**

Sprintex Limited (ASX: SIX) (**Sprintex** or the **Company**) has made significant advances and has completed initial energy consumption and wastewater oxygenation efficiency testing on its new G15 self-contained 3kW to 7kW general purpose industrial blower (**G15 Turbo Blower**) with 'Smart Pulse Aeration' (**Sprintex SPA™**).

#### **Highlights**

- New technology **G15 Turbo Blower** released
- Innovative **Sprintex SPA™** system developed
- **Disruptive technology** in the wastewater treatment industry in China and other markets
- Achieved up to **27-40% energy saving** in wastewater treatment applications
  - 27% energy saving over conventional side-channel style blowers
  - 40% energy saving when combined with Sprintex SPA

SAE standard testing has verified that the G15 Turbo Blower outperforms conventional side-channel style blowers in terms of energy efficiency.

In constant speed operation, the G15 Turbo Blower showcases an impressive 27% energy saving, while incorporating the Sprintex SPA technology yields an even more remarkable 40% energy saving when compared to traditional systems.

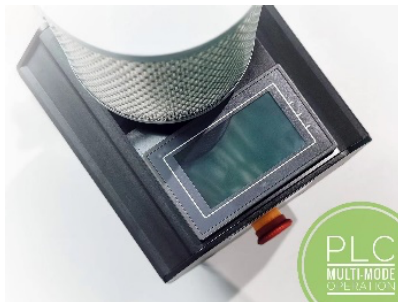
Smart Pulse Aeration (SPA™) mode allows the integral PLC to vary the air output based on the oxygen content of the water reducing energy wastage and ensuring high efficiency of the process. The Company has also lodged a worldwide PCT (patent) application relating to this technology.

Durability of the G15 Turbo Blower is expected to exceed 4 times the lifespan of conventional side channel blowers and has the additional benefits of being 50% lighter, 30% smaller and 10dB quieter than conventional units in the same application.

Additional benefits of the Sprintex G15 Turbo Blower include integral control system with touch screen interface, automatic surge control, built-in safety alarms and shutdown etc to eliminate costly system problems, reduce down-time and save operational maintenance and repair costs.

The G series units extend to various general industrial applications, ensuring compatibility across diverse sectors. Sprintex G Series units are equipped with a user-friendly interface, self-contained PLC

controls, and standard variable speed and safety systems, simplifying operation and enhancing safety measures.



PLC Multi-mode



Pulse Aeration Mode



Anti-Surge Control

The Company will present its expanded e-compressor range at the World Hydrogen Technology conferences in USA and Europe in June and September 2023 as well as the SEMA Automotive Convention in USA and WETEX sustainability conference in Dubai UAE during November 2023.

Sprintex Managing Director Jay Upton commented, “CICC research shows that the China market for industrial blowers was valued at RMB6.8bn (A\$1.42bn) and is expected to grow to RMB16.6bn (A\$3.48bn) by 2027. The USA market is expected to grow from A\$5.3bn to A\$6.5bn by 2030 produced underscoring the immense size and significance of this industry sector.

“We consider our innovative G Series units a disruptive technology, particularly in the wastewater treatment industry.”

*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; and
- industrial oil-free clean air applications, including wastewater treatment.

**Forward Looking Statements**

Statements regarding plans with respect to the Sprintex projects and products are forward looking statements. There can be no assurance that the Sprintex plans for its projects or products will proceed as expected and there can be no assurance of future sales.