

## **Leading global fan producer TLT-Turbo GmbH acquires majority shareholding in local fan manufacturing company MechCaL (Pty) Ltd.**

**Pretoria, 11 February:** At the end of January 2016 TLT-Turbo GmbH acquired the majority shareholding previously held by the Industrial Development Corporation of South Africa Limited (IDC) and private investors. MechCaL's management team remain as minority shareholders with key staff affirming their ongoing commitment to the company.

TLT-Turbo is one of the world's leading manufacturers of technology-driven industrial fans and ventilation systems. With a history of more than 140 years the TLT-Turbo GmbH develops and builds radial and axial flow fans and ventilation systems for thermal power plants, mine ventilation, wind tunnels and industrial applications like steel, petrochemical and cement. The products of TLT-Turbo GmbH must guarantee reliable and trouble-free operation for decades even under extreme conditions. The increasing complex market demands on systems and products require customized solutions. These solutions must reflect the best aerodynamics, engineering quality and low life-cycle costs. With a "passion for solutions" the employees of TLT-Turbo GmbH, its subsidiaries, branches and sales offices meet these global challenges.

MechCaL was established in 2005 to design, develop and manufacture both axial and radial flow fans, making use of composite materials to improve efficiency and to create a range of products for various industries. MechCaL is at the forefront of innovation in the design and manufacture of industrial fans mainly for a variety of mining applications.

MechCaL developed proprietary software that allowed them to create the initial award winning concepts for energy saving projects and have since combined this with established commercial codes to develop further technologically advanced fans. Their high efficiency robust products are able to outperform and outlast other products on the market while reducing CO<sub>2</sub> emissions and achieving sustained power savings. MechCaL's main focus in the development of fans is the use of advanced materials and customised solutions.

Thomas Neff, Authorized Officer of TLT-Turbo and Chairman of the MechCaL Board of Directors, said: "With this investment we are expanding our product range of energy efficient and highly reliable auxiliary mining fans, which we will promote globally."

Neff added that the new shareholder input would also allow MechCaL to further their investment into new products saying that it would bring renewed focus on the research and development of new products as well as further investment into different market sectors.

Prof Jan du Plessis, Managing Director of MechCaL said: "MechCaL was at a turning point and needed a change in shareholding. MechCaL is excited to welcome TLT-Turbo as a strategic shareholder for further growth, especially through international markets. In the past year alone MechCaL has significantly increased their product range with the addition of a full jet fan and dual stage fan range for both coal and hard rock underground mining."

Prof du Plessis concludes that: "The interaction between the experts within TLT-Turbo and MechCaL will greatly advance the current research and development initiatives."

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#### **About MechCaL:**

MechCaL Pty Ltd was established in 2002 to design and manufacture industrial fans. The company has developed proprietary software that allows for high efficiency designs to address the much-needed green economy to reduce CO2 emissions to the atmosphere through using less energy while providing the same performance. At their manufacturing facilities in Pretoria, MechCaL focuses on developing specialised fans using advanced design tools and materials. Every fan is designed for a specific application tailored to suit the needs of each client by matching the required performance with optimised efficiency.

MechCaL has been awarded the prestigious Technology Top 100 award six times and has been a runner up four times. They have also won the Enabling Award from Frost and Sullivan. All of this success was garnered from reinforcing advances in technology to enable savings.

Visit [www.mechcal.co.za](http://www.mechcal.co.za) for more information.

Like them on Facebook at MechCaL.

#### **About TLT-Turbo GmbH**

TLT-Turbo GmbH builds radial and axial flow fans for virtually any application. First-rate engineering, tradition and progress in air handling technology and a worldwide support network have been the cornerstones of their excellent global renown as a fan and systems manufacturer for more than 140 years. TLT-Turbo GmbH fans and the associated system components are deployed successfully all over the globe. To date over 10,000 fans have already been installed. Their subsidiaries, branches and agencies span the globe including TLT-Turbo offices in Germany, China, Austria, Russia, Korea, USA and South Africa.

Visit [www.tlt-turbo.com](http://www.tlt-turbo.com) for more information.

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