

WE
KNOW
SMOKE
FANS

ELTA



Enhancing Life Through Air

EXPERTS SINCE 1974

Elta has been designing and manufacturing market-leading ventilation products for over five decades. Pioneering axial fan technology, we are guided by our founders' belief in putting the customer's needs first.

From the Antarctic to the Gulf of Mexico, our fans can be found in commercial, industrial and OEM applications across the globe.

Elta's success has been felt internationally as we have expanded our operations into Australia, New Zealand, Malaysia, and India.

Our current smoke range offers the very best in engineering quality alongside the timeless principles that have made our ventilation products a globally renowned success.

**We have a
commitment
to quality
and safety
that is engrained
in the company.**



All of our smoke fans are **manufactured to the highest standards**
in our facilities internationally.



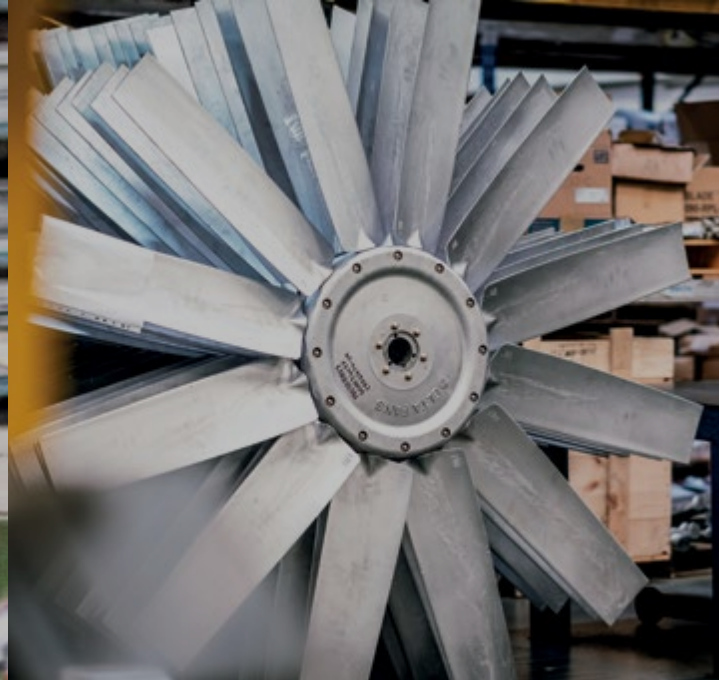
WORLD CLASS PROCESSES

Our manufacturing processes are meticulous with every aspect considered with the customer at the heart of what we do. That's why we hold large stocks of components to enable quick production. Building strong relationships with our supply chain has meant that we have access to dedicated stock of components such as motors, significantly reducing lead times. We believe the smoke industry deserves the very best, every time.

For dynamic balancing, automated cutting, punching and spinning processes, our manufacturing sites include state-of-the-art machinery from world leaders including Trumpf and Nodi, allowing us to undertake almost all of our manufacturing processes in-house.

Continual development and training of our people, from impeller assembly to the processing of sheet metal, ensures a flexible operation that is able to quickly adapt to changing production requirements.





METICULOUSLY TESTED

The fundamentals of the Elta product range are quality, performance and integrity. We innovate, engineer and design, creating products that are pushed to their performance limits.

Before any fan leaves our factory, it is subjected to a rigorous testing process. Our quality procedures comply with the requirements of ISO 9001 and our smoke fan range is certified to EN 12101-3.

Our own dedicated test laboratory facilities are AMCA accredited and products are tested to BS EN ISO 5801:2017 (Airside Performance), BS EN ISO 5136:2009 (Sound Performance) and BS ISO 13347-2:2004 (Reverberation Room Method), enabling us to confidently provide accurate performance and sound data.

Products are fully CE marked in line with European legislation and standards.

**Our world class
engineers work to
constantly push
the boundaries
of air movement
capabilities.**



A close-up, low-angle shot of a large, curved metal impeller blade, likely from a pump or turbine. The blade is dark and metallic, with a smooth, aerodynamic surface. It is set against a dark, textured background that appears to be the interior of a large industrial vessel or casing. The lighting is dramatic, highlighting the curvature and texture of the blade.

Our impeller is the heartbeat of our products. Our high efficiency adjustable pitch, aerofoil impellers deliver outstanding efficiency capabilities.



EMERGENCY EXTRACT

Our smoke range is faithful to the spirit of our core axial fan range that has been used across thousands of applications worldwide. Quality is assured as we test every smoke fan.

Our emergency extract axial fans are available in **315mm – 2000mm diameters** and can be **installed across residential & commercial applications**.

We offer **F200, F300 & F400** models with a range of motor mounting arrangements as well as both **50hz & 60hz** available.

Our fans are designed, tested and certified to **EN12101-3** standards and can be supplied to meet additional region or project specifications as required.

They can also be upgraded with features such as Down Stream Guide Vanes.

More information can be found in our dedicated Emergency Extract brochure which can be sent to you on request or found at www.elta.asia





IMPULSE & INDUCTION

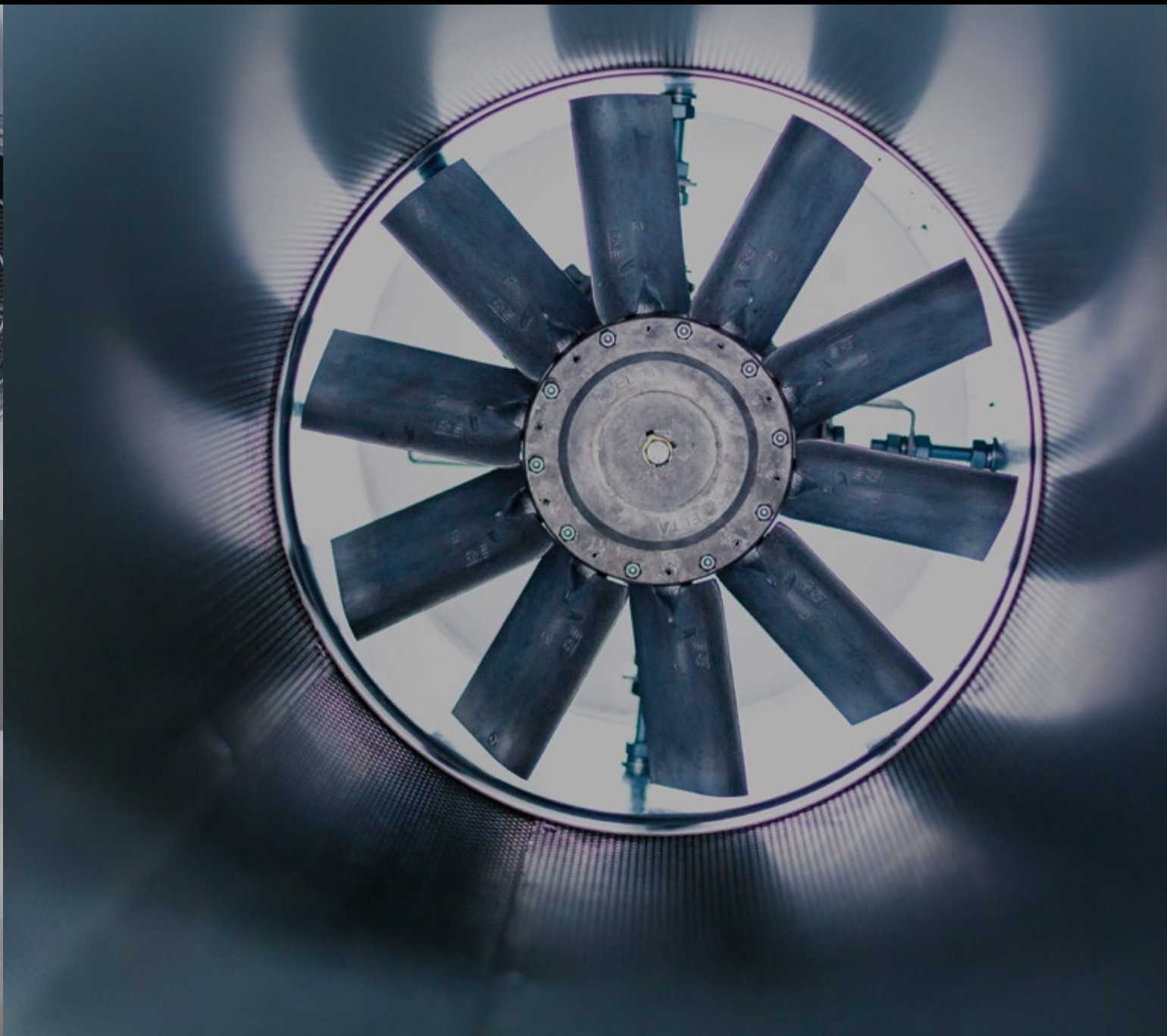
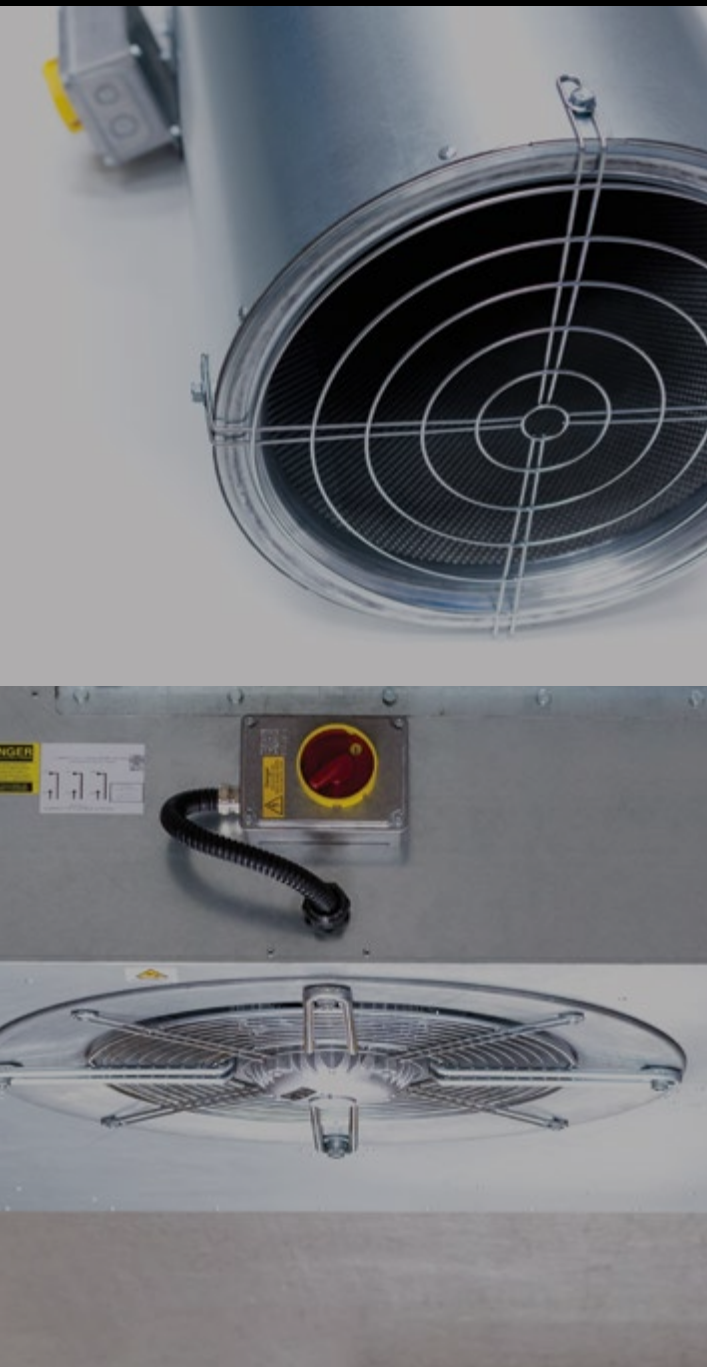
Our car park fans operate on well-proven tunnel ventilation principles, producing a high velocity jet that, as it diffuses, imparts thrust to the surrounding air through mixing and entrainment.

Our range includes induction and impulse ventilation models specifically developed to operate as both general ventilation and for once-only, emergency extract mode at temperatures of **up to 400°C**.

The product design eliminates the requirement for ducted systems, making efficient use of the limited space of enclosed car parks, in addition to **reducing power consumption** and the associated running costs.

More information can be found in our dedicated **Car Park Ventilation** brochure which can be sent to you on request or found at www.elta.asia





MORE THAN SUPPLYING FANS

Project coordination has become integral in our business. Our dedicated team can work with your product managers to ensure that delivery of our equipment is right, on time and, most importantly, this is done the first time.

Our coordination team play a vital role, whether you're relying on prompt delivery to tie in with cranes or you need **FORS delivery**; we have the solution for you.



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