

Driven by visions of tomorrow

MTU AERO ENGINES



MTU Aero Engines



90 years of propulsion solutions for aviation

18 locations worldwide





Since their launch in early 2016,

GTF engines

have avoided more than

14 m metric tons of CO_2

emissions

In the 2023 business year, adjusted revenue was



EUR 6.3 billion



300 technology projects

Focus: Sustainable flight

at a glance



One in three commercial aircraft flies with MTU technology

more than 12,000 employees





Commercial engine maintenance:

45 years of experience and more

than 23,000 shop visits

Partnerships:

With all OEMs, airlines and the German Air Force





Research network:

Close collaboration with institutes and universities



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Driven by visions of tomorrow

Quieter, more efficient, more economical and, most importantly, more sustainable. MTU Aero Engines is actively shaping the future of aviation.

Emissions-free flight is the vision that drives MTU. Every day, over 12,000 employees worldwide work on innovative technologies, products and service solutions that will support an emissions-free future for the aviation sector.

Claire, which stands for Clean Air Engine, is MTU's technology agenda. It lays out potential solutions and concepts for sustainable commercial engines with the aim of meeting global climate goals. MTU's experts are working on evolutionary and revolutionary technologies. Areas of focus include the water-enhanced turbofan (WET) and Flying Fuel Cell[™] (FFC) concepts as well as further developing the gas turbine engine based on the geared turbofan.



In line with its technology roadmap, MTU is constantly introducing improved, more sustainable propulsion concepts.

Driven by cutting-edge technology

MTU is working on concepts and technologies that bravely venture beyond the state of the art to provide pioneering solutions.

In the aviation industry, three letters stand for world-class technology: MTU. By providing top-notch technologies, high-tech products and comprehensive services, MTU is bringing efficiency, safety and sustainability to the skies.

Its technological and innovative strength make MTU an indispensable global partner that is actively shaping the future of aviation. Through its role in Pratt & Whitney's GTF™ engine family, MTU is already helping to ensure the use of today's most eco-efficient engines.

MTU secures its position as a technology leader through its committed, dedicated research and development work. Together with industry and research partners, MTU is hard at work making engines even more eco-friendly–up to and including emissions-free flight.

Driven by perfection

As a technology leader, MTU has a reputation for reliability, sustainability and the highest standards of quality in all its products and services.

MTU Aero Engines AG is Germany's leading engine manufacturer. The company specializes in the design, development, manufacture and maintenance of commercial and military aircraft engines in all thrust and power categories as well as stationary industrial gas turbines.

In the commercial OEM business, MTU collaborates with international partners to develop innovative propulsion systems and technologies.

In the commercial maintenance sector, MTU Maintenance is the world's leading provider of customized services for aircraft engines and industrial gas turbines.

MTU is the industrial lead company for the German Armed Forces, contributing its expertise and experience to key European military engine projects. Together with its European partners, the company is developing the engine for the new European fighter jet.

GTF engine family: The highly efficient GTF offers double-digit percentage reductions in fuel consumption and emissions.



Driven by passion

When it comes to effecting lasting change in aviation, it is MTU's employees who provide the necessary passion and expertise.

MTU's top priority is to provide products and services that are safe, reliable and of the highest quality. Every day, the company strives to make its production even more resource-efficient and eco-friendly. MTU places a great deal of emphasis on sustainability. As a signatory to the UN Global Compact, MTU acknowledges its responsibility to protect the environment, tackle the climate crisis and combat corruption.

MTU's strength resides in its employees. Naturally, the company is also committed to providing them with fair and safe working conditions, equal opportunities, and excellent training and development. MTU creates a working environment that inspires and connects people. This includes a respectful leadership culture that supports employees' commitment, acknowledges outstanding performance, promotes flexible, hybrid and digital working arrangements and actively welcomes feedback. MTU also focuses on creating modern workplaces and a future-proof system of knowledge management.

