

eLECTRIC TAXIING

The Electric Taxiing system from Safran and Airbus significantly improves airline operating efficiency by reducing both fuel consumption and pushback/taxiing costs. It also helps protect the environment by cutting emissions on the ground.



ePower



HOW IT WORKS

Two wheels on the main landing gear are fitted with electric motors, while a single electronic controller gives pilots complete control of the plane's taxiing speed and direction from "gate to gate". The motors are powered by the auxiliary power unit, or APU. With the Electric Taxiing system, airplanes can now push back from the gate and taxi without having to use their jet engines, increasing their agility and making them fully independent.

The Electric Taxiing system addresses some of airlines' leading concerns, by reducing their operating costs and carbon footprint.

MEETING AIRLINE NEEDS

Today's turbofan engines are optimized for flying, not rolling on the ground! By installing our revolutionary Electric Taxiing system, airlines can save several hundred thousand dollars a year per aircraft, to improve their bottom line and reduce their environmental impact.

ePower



The Electric Taxiing system will be available as either a forward fit or retrofit option



GREENER

The Electric Taxiing system **reduces carbon emissions** during taxiing by **up to 73%** and **NOx emissions up to 51%**, as well as limiting noise around the gate.



QUICKER

With the Electric Taxiing system, airplanes can **"pushback and go"** more quickly, thus reducing gate and apron congestion, improving on-time performance and speeding up operations.



CHEAPER

The world's single-aisle commercial jet fleet burns as much as five million tons of fuel per year, and air traffic continues to grow. With the Electric Taxiing system, you can **save up to 4%** of your **total block fuel budget**, or an **average of \$250,000 per aircraft per year**.



SAFER

By eliminating the need for tow tractors and having to start jet engines for taxiing, Electric Taxiing **limits Foreign Object Damage (FOD)**, **extends engine life** and keeps ground crews healthier and safer.

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