

PRATT & WHITNEY

GTF

COMMERCIAL ENGINES

POWERING THE EMBRAER E-JETS E2

COMMERCIAL ENGINES

PW1900G

POWERING THE EMBRAER E190-E2 & E195-E2

The Pratt & Whitney GTF™ engine delivers industry-leading fuel efficiency and sustainability benefits for single-aisle aircraft.

It is the exclusive powerplant of the Embraer E-Jets E2 family, which reduces fuel consumption and CO, emissions up to 25% per seat, NO, emissions up to 50% and noise footprint up to 75%.* Certified for operation on 50% sustainable aviation fuel (SAF) and successfully tested on 100% SAF, GTF engines are ready to enable further reductions in carbon footprint, which will help the aviation industry meet its goal of net zero emissions by 2050.

The engine's revolutionary geared fan architecture is the foundation for even more efficient and sustainable propulsion technologies in the decades ahead. Learn more at prattwhitney.com/gtf.

*Reductions vs. prior-generation aircraft, based on 75 dB noise contour and ICAO CAEP/6 emissions regulations.

Weight 4,800 lbs

Engine Certification Date Apr. 2017

Entry Into Service Date Apr. 2018

LIP TO 25%

REDUCTION IN CO₂ EMISSIONS & FUEL CONSUMPTION

UP TO

REDUCTION IN NOISE FOOTPRINT

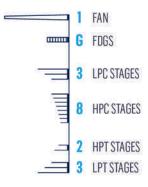
UP TO

REDUCTION IN NO, EMISSIONS

73" Fan Diameter



12:1 Bypass Ratio



19K - 23K

Pounds of Thrust