



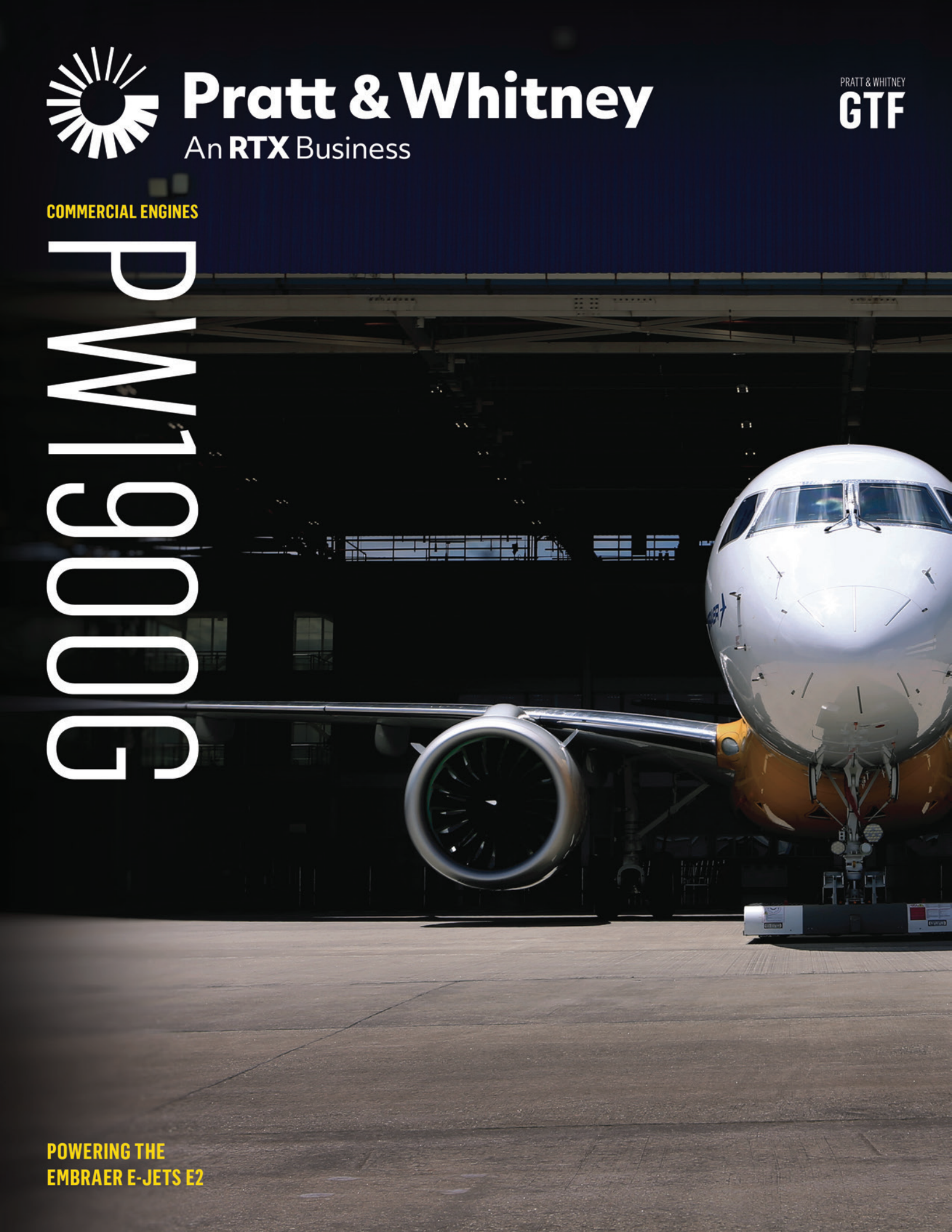
**Pratt & Whitney**  
An **RTX** Business

PRATT & WHITNEY  
**GTF**

COMMERCIAL ENGINES

**PW1900G**

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<sub>2</sub> emissions up to 25% per seat, NO<sub>x</sub> 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](https://prattwhitney.com/gtf).

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

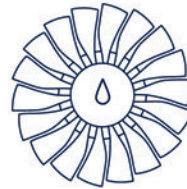
Weight ..... **4,800 lbs**  
 Engine Certification Date ..... **Apr. 2017**  
 Entry Into Service Date ..... **Apr. 2018**

UP TO  
**25%** **REDUCTION IN  
 CO<sub>2</sub> EMISSIONS &  
 FUEL CONSUMPTION**

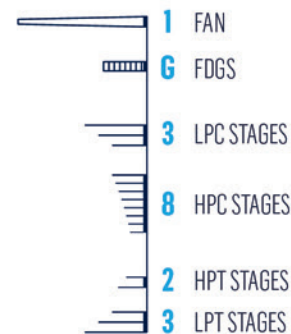
UP TO  
**75%** **REDUCTION IN  
 NOISE FOOTPRINT**

UP TO  
**50%** **REDUCTION IN  
 NO<sub>x</sub> EMISSIONS**

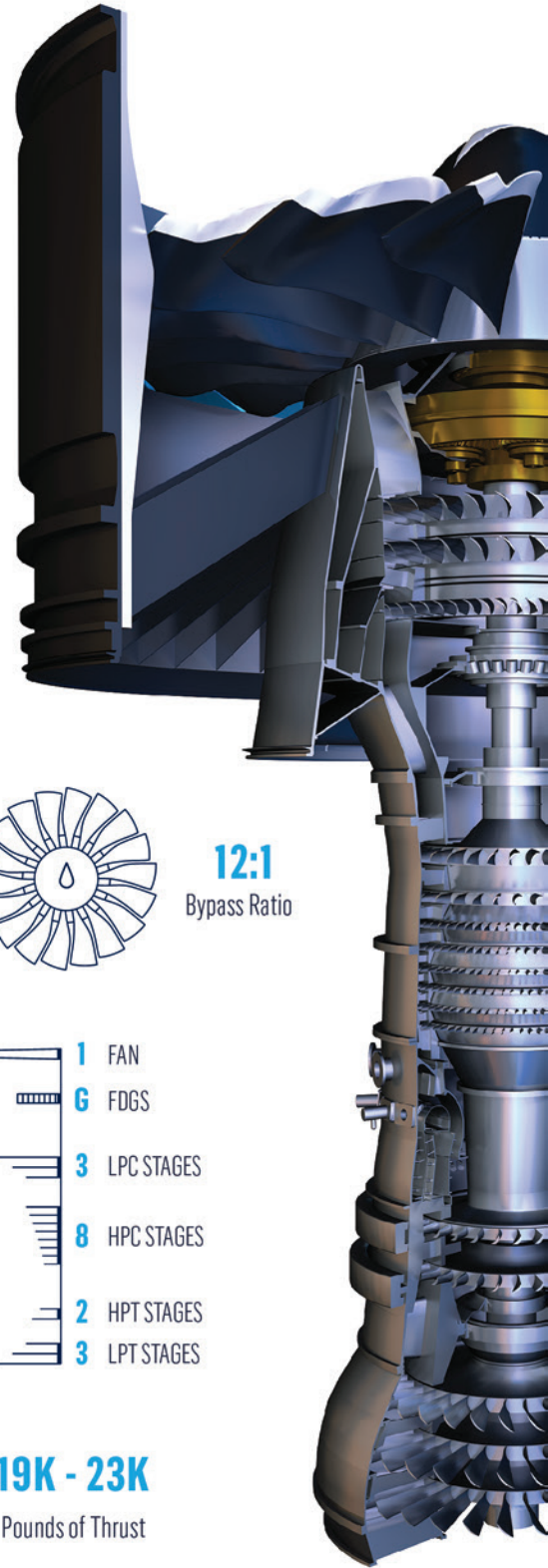
**73"**  
 Fan Diameter



**12:1**  
 Bypass Ratio



**19K - 23K**  
 Pounds of Thrust

**CONTACT US**

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