



Pratt & Whitney
An **RTX** Business

PRATT & WHITNEY
GTF

COMMERCIAL ENGINES

FAMILY



COMMERCIAL ENGINES

ENGINE	AIRCRAFT	FAN DIAMETER	ARCHITECTURE	BYPASS RATIO	POUNDS OF THRUST
PW1900G EMBRAER E190-E2 & E195-E2		73"	1-G-3-8-2-3	12:1	19K - 23K
PW1500G AIRBUS A220		73"	1-G-3-8-2-3	12:1	19K - 25K
PW1100G-JM AIRBUS A320NEO FAMILY		81"	1-G-3-8-2-3	12:1	24K - 34K

LPT STAGES
HPT STAGES
HPC STAGES
LPC STAGES
FDGS
FAN

UP TO
20% REDUCTION IN
CO₂ EMISSIONS &
FUEL CONSUMPTION

UP TO
75% REDUCTION IN
NOISE FOOTPRINT

UP TO
50% REDUCTION IN
NO_x EMISSIONS

THE PRATT & WHITNEY GTF™ ENGINE

The GTF family delivers industry-leading fuel efficiency and sustainability benefits for single-aisle aircraft.

GTF-powered aircraft reduce fuel consumption and CO₂ emissions by up to 20%, NO_x 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, with advancements like the Pratt & Whitney GTF Advantage™ engine and beyond. Learn more at prattwhitney.com/gtf.

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