



GO BEYOND

PRATT & WHITNEY

**GTF**

GEARED TURBOFAN

COMMERCIAL ENGINES

**PW1700G**

**PW1900G**

POWERING THE  
EMBRAER E-JETS E2



# PW1900G

POWERING THE EMBRAER E190-E2 & E195-E2

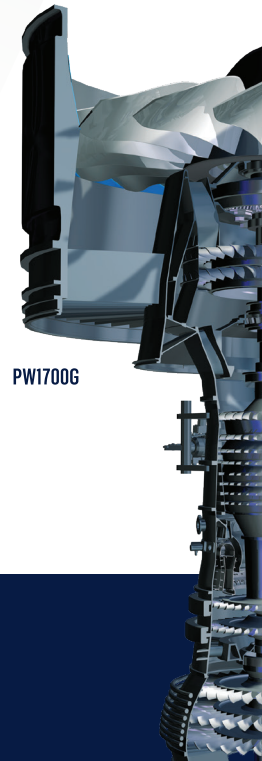
# PW1700G

POWERING THE EMBRAER E175-E2

PRATT & WHITNEY  
**GTF**

The Pratt & Whitney GTF™ engine introduces a fundamental shift in jet engine technology. Pioneered by a proven geared architecture and over 40 ground breaking technologies, the geared turbofan engine delivers significant reductions in fuel burn, noise and regulated emissions. The GTF engine is changing the way we fly today, and tomorrow.

Fan Diameter .....	<b>73"</b>	Fan Diameter .....	<b>56"</b>
Bypass Ratio .....	<b>12.5:1</b>	Bypass Ratio .....	<b>9:1</b>
Pounds of Thrust .....	<b>19K-23K</b>	Pounds of Thrust .....	<b>14K-17K</b>
Weight .....	<b>4,800 lbs</b>	Weight .....	<b>3,800 lbs</b>
Engine Certification Date .....	<b>Apr. 2017</b>		
Entry Into Service Date .....	<b>Apr. 2018</b>		



## BENEFITS

- Double Digit** Reduction in Fuel Consumption
- Up to 75%** Reduction in Noise Footprint
- Up to 50%** Reduction in NO<sub>x</sub> Emissions

## SPECIFICATIONS

Model	Aircraft	Thrust (lbs)
PW1919G	Embraer E190-E2	20,860
PW1922G	Embraer E190-E2	23,815
PW1921G	Embraer E195-E2	22,550
PW1923G-A	Embraer E195-E2	23,815

