



Rolls-Royce

# Trent 800

Optimised for the Boeing 777 Family



TRENT800

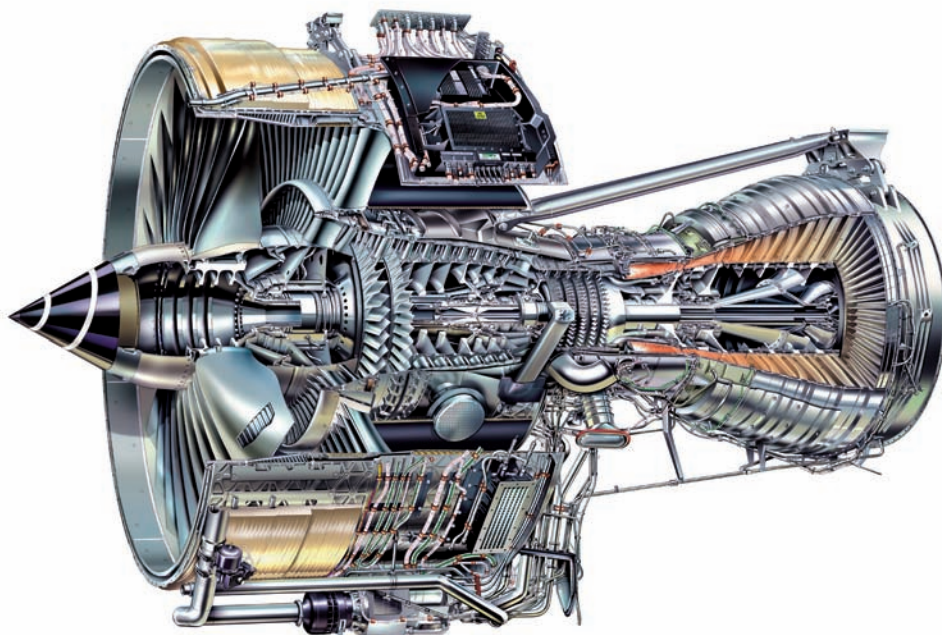
# Trent 800

## Optimised for the Boeing 777 Family

**The Trent 800 is the most powerful Trent®. It combines proven reliability from its family experience, with improved fuel efficiency and operating economics from its fundamental design.**

Trent 800 engines have accumulated over 19 million hours and over 3.7 million cycles in service.

- Most popular engine for the 777 family
- Proven levels of reliability and durability
- Best balance of power, weight and efficiency
- Best operating economics
- Easy to maintain / easy to transport
- Leading service provision



## intelligent innovation

**The Trent 800 provides between 75,000lb and 95,000lb take-off thrust** to power the Boeing 777-200, 777-200ER and 777-300 family **with a single build standard**. This single engine solution allows airlines to operate different types and take-off weights of Boeing 777 with reduced capital investment and gives customers total familiarity in operation and maintenance.

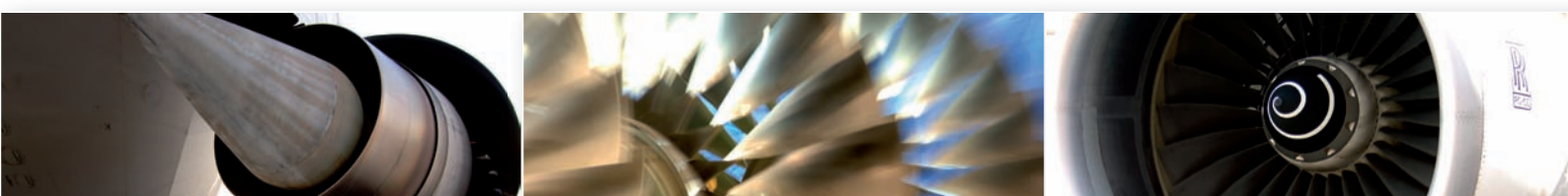
**The Trent 800 is the lightest powerplant in its class**, with the highest thrust to weight ratio for the Boeing 777. The next generation wide-chord fan and three-shaft architecture contribute to a weight advantage of up to 8,000lb relative to competitor-powered 777 versions. This offers customers **the best payload and highest revenue-earning capability**.

The combination of advanced three-shaft design and an engine cycle up to 100°C cooler than competitor engines provides extensive benefits. These include the longest life on-wing, lowest maintenance costs, competitive fuel burn and industry leading reliability resulting in proven operating cost advantages.

**Trent 800 emissions and noise levels are well below current and proposed regulations**, minimising the impact on the environment, maximising penalty-free operation and delivering optimum operational flexibility.

As with all Trent engines, **great attention has been paid to maintainability**, providing ease of transportation, component access and engine change capability.

**The Trent 800 has become the most successful engine on the Boeing 777**, winning 41 per cent of available market. Trent 800 operators are supported by a worldwide network of dedicated local support and comprehensive Rolls-Royce services capability. Rolls-Royce is committed to continuous improvement of the Trent 800 family to ensure that the engine continues to deliver world-class operational excellence.



intelligent innovation



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