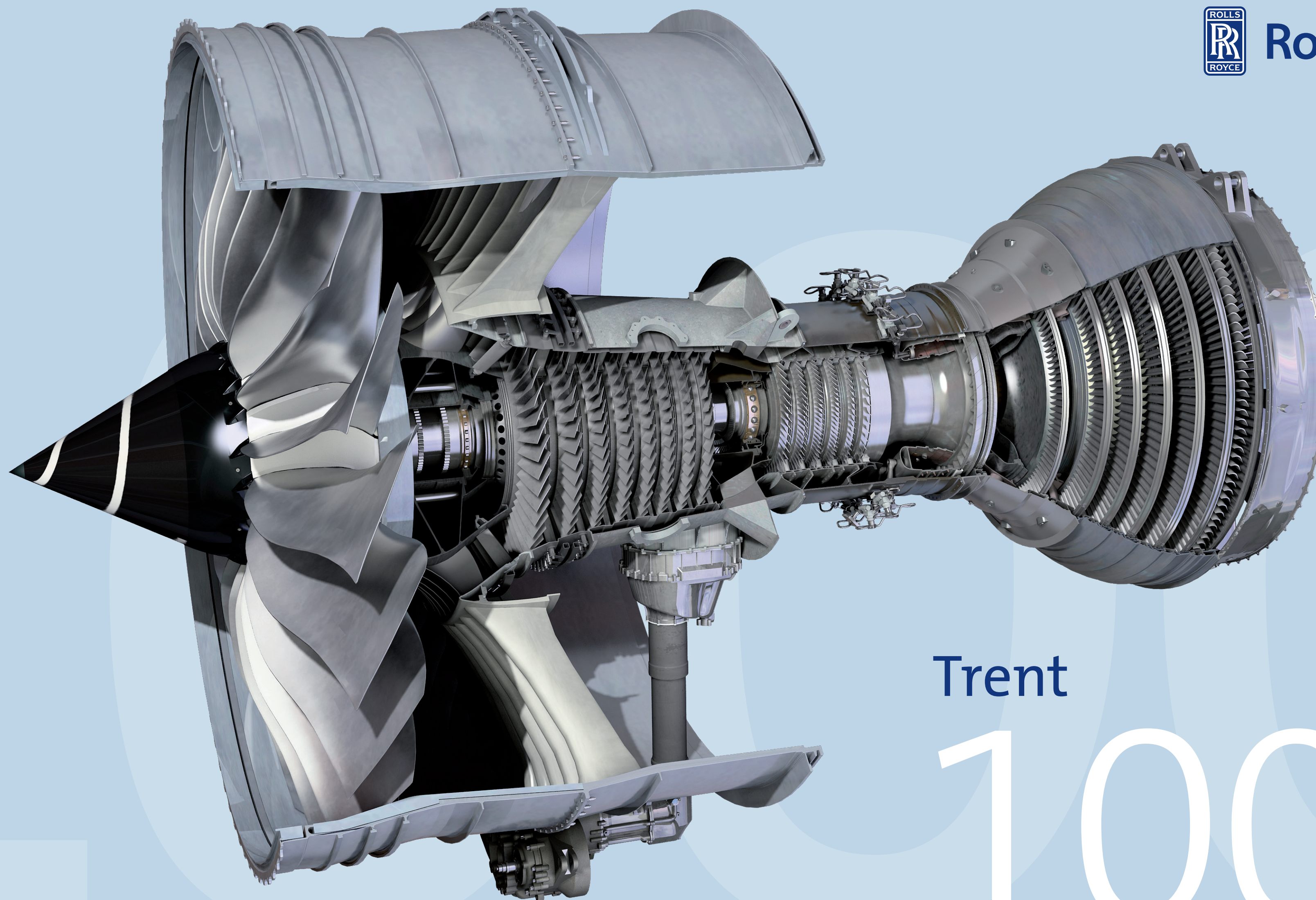




Rolls-Royce



Trent

1000

1000 times better

Entry into service 2011

Thrust 53,000–78,000 lbf

Boeing 787–8 Dreamliner
Boeing 787–9 Dreamliner
Boeing 787–10 Dreamliner

Technical Data

Configuration: Three-shaft turbofan

Bypass Ratio: >10:1

Overall Pressure Ratio: 50:1

Fan: 20 blades, 112" diameter

Intermediate Pressure Compressor: 8 stages

High Pressure Compressor: 6 stages

Noise: QC 0.5 departures/ QC 0.25 arrivals

High Pressure Turbine: Single stage

Intermediate Pressure Turbine: Single stage

Low Pressure Turbine: 6 stages

