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Photo credits
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Boeing 777F – three numbers and one letter that give the world’s most efficient and environmentally friendly freighter its name. Lufthansa Cargo has ordered five of these modern widebody cargo aircraft.

“Thanks to its outstanding technical performance and reliability, the freighter is making headwind into new dimensions. The aircraft is capable of remaining in the air for 10.5 hours with a payload of 103 tons. It can fly up to 9,045 km during that time. That is equal to the distance from Frankfurt to Hong Kong.”

Dr. Karl-Rudolf Rupprecht, Board Member Operations Lufthansa Cargo AG

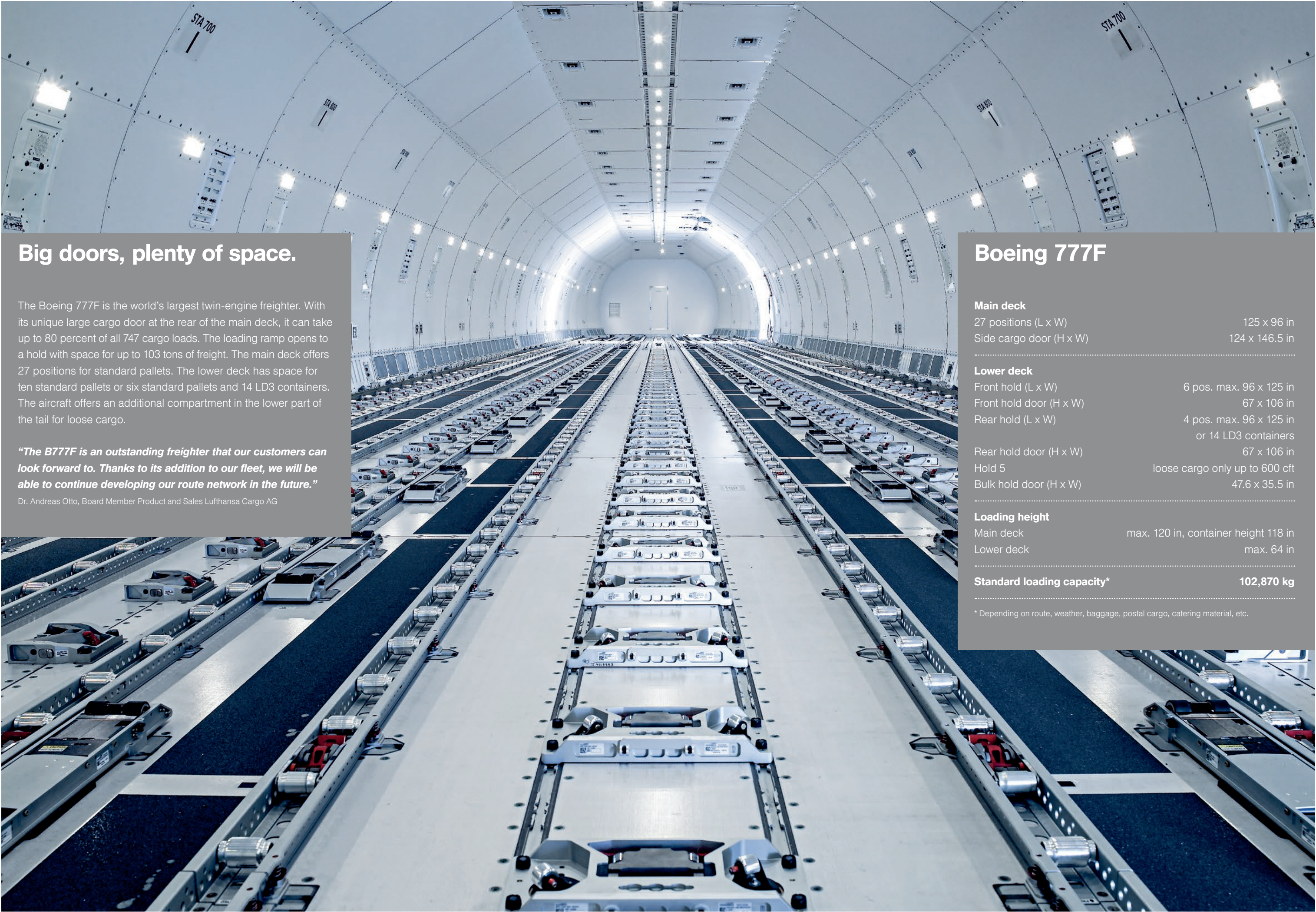
Max. range	9,045 km
Typical cruising speed at 35,000 ft	896 km/h
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Basic measurements

Wingspan	64.80 m
Total length	63.70 m
Tail height	18.60 m







Big doors, plenty of space.

The Boeing 777F is the world’s largest twin-engine freighter. With its unique large cargo door at the rear of the main deck, it can take up to 80 percent of all 747 cargo loads. The loading ramp opens to a hold with space for up to 103 tons of freight. The main deck offers 27 positions for standard pallets. The lower deck has space for ten standard pallets or six standard pallets and 14 LD3 containers. The aircraft offers an additional compartment in the lower part of the tail for loose cargo.

“The B777F is an outstanding freighter that our customers can look forward to. Thanks to its addition to our fleet, we will be able to continue developing our route network in the future.”

Dr. Andreas Otto, Board Member Product and Sales Lufthansa Cargo AG

Boeing 777F

Main deck	
27 positions (L x W)	125 x 96 in
Side cargo door (H x W)	124 x 146.5 in

Lower deck	
Front hold (L x W)	6 pos. max. 96 x 125 in
Front hold door (H x W)	67 x 106 in
Rear hold (L x W)	4 pos. max. 96 x 125 in or 14 LD3 containers
Rear hold door (H x W)	67 x 106 in
Hold 5	loose cargo only up to 600 cft
Bulk hold door (H x W)	47.6 x 35.5 in

Loading height	
Main deck	max. 120 in, container height 118 in
Lower deck	max. 64 in

Standard loading capacity*	102,870 kg

* Depending on route, weather, baggage, postal cargo, catering material, etc.	



Clean performance.

The formula is simple: The lower the kerosene consumption, the more environmentally friendly the aircraft. Just like the B777F. It only needs two engines, and these work so efficiently that the fully loaded freighter can fly 9,045 km under normal weather conditions. This means that even long-distance routes such as Frankfurt–Hong Kong and London–Los Angeles are no problem. That is not all: The Boeing 777F meets the regulations of the strictest noise protection standard currently in force in international civil aviation. As a result, it offers maximum access to airports with strict noise regulations, bringing significant relief to people who live near airports.

“Top-of-the-line technology and state-of-the-art construction – such as the use of advanced materials, curved wings with upward-sweeping tips and powerful engines – make the B777F simply cleaner, quieter and more efficient.”

Bettina Jansen, Head of Environmental Management Lufthansa Cargo AG



A new standard.

The B777F's GE90-110 engines are characterized by extraordinary thrust, outstanding performance and tremendous reliability. In addition, it scores points with durable design. Combined with the advanced wing design, it enables the B777F to offer better cruising speed and altitude than other comparable freighters – and improved fuel efficiency.



Boeing 777 Freighter