Air Freight Container Types and Dimensions

The following guide to airfreight containers, also called Unit Load Devices (ULD), has been developed from materials supplied by IATA (International Air Transport Association) and the ATA (Air Transport Association of America). This guide lists and illustrates the average external dimensions and weight limitations of the primary containers in use today. Exact dimensions and weight limitations will vary by manufacturer and availability will vary by air carrier and tradelane.
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88" PALLET
IATA ULD Code: P9P
Classification: 88" Pallet with net
Suitable for: B747, B767, B777, DC-10
Maximum volume: 11.5 cu.m (420 cu.ft)
Maximum gross weight: 747/DC-10, 6033 kg (13300 lb)
F777/DC-10, 6035 kg (13300 lb)
Can be loaded to 96" (244 cm) in height

96" PALLET
IATA ULD Code: P9P 18t flat pallet with net
Also known as: P3A, P3B, P3D, P3F, P3M, P3P, P3R, P3T
Classification: L-9
Rate Class: Type 2
Maximum volume: 18.2 cu.m (654 cu.ft)
Maximum gross weight: 9304 kg (20500 lb)
Can be loaded to 96" (244 cm) in height

HALF PALLET
IATA ULD Code: P3A half pallet with net
Also known as: P3B, P3D, P3F, P3M, P3P, P3R, P3T
Classification: L-9
Rate Class: Type 2
Maximum volume: 9.1 cu.m (327 cu.ft)
Maximum gross weight: 4509 kg (9940 lb)

16 FT PALLET
IATA ULD Code: P3A 16t flat pallet with net
Also known as: P3A, P3B, P3D, P3F, P3M, P3P, P3R, P3T
Classification: N-DP
Rate Class: Type 1
Suitable for: B747, B767, B777
Maximum volume: 16.9 cu.m (592 cu.ft)
Maximum gross weight: 5175 kg (11490 lb)

20 FT PALLET
IATA ULD Code: P3A 20t flat pallet with net
Also known as: P3A, P3B, P3D, P3F, P3M, P3P, P3R, P3T
Classification: M-6
Rate Class: Type 1
Suitable for: B747, B767, B777
Maximum volume: 20.8 cu.m (724 cu.ft)
Maximum gross weight: 6130 kg (13500 lb)

25 FT PALLET
IATA ULD Code: AOA Rectangular Container on P9P Base
Also known as: AOA, AOM, AMS, AMP, AQD, AOD, AOS
Classification: M-1
Rate Class: Type 5
Suitable for: B747, B747Combi
Internal volume: 17.5 cu. m (610 cu. ft)
Maximum gross weight: 6804 kg (15000 lb)

A07
IATA ULD Code: AOM Contoured Container on P9P Base
Also known as: AOA, AQ7
Classification: MLH
Rate Class: Type 5
Suitable for: B747, B747C, B777
Internal volume: 17.5 cu. m (610 cu. ft)
Maximum gross weight: 6804 kg (15000 lb)

M-6
IATA ULD Code: AOA 20t Container
Also known as: AOS
Classification: MLH
Rate Class: Type 1
Suitable for: B747, B747C, B777
Internal volume: 20.8 cu. m (724 cu. ft)
Maximum gross weight: 6130 kg (13500 lb)

LD-24
IATA ULD Code: AOF
Classification: LD-24
Suitable for: B747, B777, DC-10
Maximum gross weight: 747/DC-10: 6353 kg (13990 lb)
777/DC-10: 4606 kg (10150 lb)

LD-29
IATA ULD Code: AOM Contoured Container on P9P base
Classification: LD-29
Rate Class: Type 5
Suitable for: B747
Internal volume: 14.2 cu. m (501 cu. ft)
Maximum gross weight: 6035 kg (13300 lb)