

GENERAL INFORMATION

Maximum gross weights

20' containers:

Up to 32,500 kg (71,650 lbs) for general purpose containers and up to 45,000 kg (99,207 lbs) for Flatracks.

40' and 45' containers:

Up to 32,500 kg (71,650 lbs) for general purpose containers, up to 60,000 kg (123,276 lbs) for Flatracks and 35,000 kg (77,161 lbs) for reefer containers.

Weight limits for road and rail transport

For individually valid limits, contact your local office.

Floor loads

A container floor is capable of carrying a forklift truck with a maximum axle load of 5,460 kg (12,037 lbs), if the contact area per wheel is at least 142 cm² (22 in²) (ISO 1496/I), whereas **the steel-floor containers** provide a maximum axle load of 9,200 kg (20,282 lbs), valid for all commonly available forklifts.

Concentrated loads

Concentrated loads are loads that are not evenly distributed over the full length of the floor when stowing heavy cargo in containers; as opposed to flats or platforms, special care has to be taken that concentrated loads do not exceed the strength of the bottom construction of the container.

The maximum spread load should not exceed:

- for 20' containers: 4.8 tons (10,582 lbs) per running meter in length, and 7.6 tons (16,755 lbs) for **steel floor containers** only
- for 40' containers: 3 tons per running meter in length, and 6.0 tons (6,614 lbs) for **steel-floor containers** only
- load must not exceed maximum payload

Gooseneck tunnel on 40' containers

All Hapag-Lloyd 40' containers are fitted with a gooseneck tunnel to enable transport on a gooseneck chassis.

Timber treatment

Exposed timber is treated according to Australian, European, Chinese and American requirements.

Container markings

Containers display the ISO size type code. For further information please see page 50.

External and minimum internal dimensions (according to ISO)

The following table gives the overall dimensions and the minimum internal dimensions and door openings for general purpose containers as standardised in ISO 668:

	Length			Width	Height	
	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft
Dimensions	20' 6,058	40' 12,192	45' 13,716	8' 2,438	8' 6" 2,591	9' 6" 2,896
Minimum internal dimensions	5,898 19' 4 1/8"	12,029 39' 5 1/2"	13,556 44' 5 5/8"	2,350 7' 8 1/2"	2,350 7' 8 1/2"	2,667 8' 9"
Minimum door opening dimensions				2,337 7' 8"	2,261 7' 5"	2,565 8' 5"

Tolerances internal dimensions

The internal dimensions and door openings of all Hapag-Lloyd containers correspond to ISO standards. However, the dimensions mentioned on the following pages are nominal figures. Because of production tolerances, a difference in measurement is possible:

Tolerances	Length	Width	Height
	mm ft	mm ft	mm ft
Maximum difference	10 3/8"	10 3/8"	10 3/8"

The container series displayed only represent a sample of the entire fleet.