

Container Standards

External dimensions (ISO 668) (see table) and **container corner fittings** (ISO 1161) of all containers are uniformly defined.

Standard Measurements ISO 668	Length		Width	Height	
	20'	40'		8'	8'
External Dims	20'	40'	8'	8'	8'6"
Standard	6,058 mm	12,192 mm	2,438 mm	2,438 mm	2,591 mm
Internal Dims	19'3"	39' 4 3/8"	7'7 3/4"	7'2 1/2"	7'8 1/2"
Standard	5,867 mm	11,998 mm	2,330 mm	2,197 mm	2,350 mm
Door Opening			7'6"	7'	7'5"
Standard			2,286 mm	2,134 mm	2,261 mm

Minimum values for **internal dimensions** (see table), **load capacity** and **navigability with forklifts** are standardized.

According to ISO 668, container can be loaded with the following **gross load weight**:

20' containers

20,320 kg (44 800 lbs)
(applies to some series only)

24,000 kg (52 910 lbs) (accord. to ISO 668, internal dimensions to which nearly all 20' container comply with)

30,480 kg (67 200 lbs) (applies to series of new (exemption: 40' flats and 20' containers: currently not yet ISO standard)

40' Container:

30,480 kg (67 200 lbs)

The floor of a container may be used by a **forklift** with an axle weight of up to 5,460 kg (12040 lbs) and a minimum wheel seating face of 142 cm² (22 sq. in.) per wheel (ISO 1 496/1).

Minimum requirements for ConRail containers

- The overall measurements and corner fittings of all containers are standardized.
- All containers are above the minimum standard requirements of internal dimensions
- All exposed wooden parts are impregnated to match Australian conditions (exemption: 40' flats and platforms).
- The measurements may differ from the figures shown in the tables below:

Tolerances	Length	Width	High
Maximum	3/8"	3/8"	3/8"
Deviation from Measures	10 mm	10 mm	10 mm