

Sea Logistics

Overview of the different container types and sizes

When it comes to the transport of goods, container shipping is the most economical way. We provide you access to the wide range of standard and special container types of all cooperating carriers.

This document provides an overview of the different types of containers to help you identify the right one for your goods. In addition, it visualises how many pallets fit into the selected container.



Container types overview

20-foot and 40-foot containers are the most common container sizes. There might be differences, e.g. in dimension and weight, depending on the chosen carrier, as containers vary based on their manufacturer. Please contact us should you have special equipment-related requirements for your shipment.

Standard



3 sizes (in feet): 20' / 40' / 40' High cube

These standard containers are suitable for any general cargo, mostly packed in EURO pallets or in boxes, such as toys or technical devices.

They have various lashing devices on the top and bottom longitudinal rails and corner post.

Standard 20'

Inside length	Inside width	Inside height	Door width	Door height	Capacity	Tare weight	Max. cargo
19'4"	7'8"	7'10"	7'8"	7'6"	1,172 cft	4,916 lbs	47,900 lbs
5.900 m	2.350 m	2.393 m	2.342 m	2.280 m	33.2 m ³	2,230 kgs	21,770 kgs

Standard 40'

Inside length	Inside width	Inside height	Door width	Door height	Capacity	Tare weight	Max. cargo
39'5"	7'8"	7'10"	7'8"	7'6"	2,390 cft	8,160 lbs	59,040 lbs
12.036 m	2.350 m	2.392 m	2.340 m	2.280 m	67.7 m ³	3,700 kgs	26,780 kgs

Standard 40' HC (High cube)

Inside length	Inside width	Inside height	Door width	Door height	Capacity	Tare weight	Max. cargo
39'5"	7'8"	8'10"	7'8"	8'5"	2,694 cft	8,750 lbs	58,450 lbs
12.010 m	2.330 m	2.690 m	2.330 m	2.560 m	76.28 m ³	3,968 kgs	26,512 kgs



Reefer



2 sizes (in feet): 20' / 40' High cube

These containers do have their own electrically operated cooling/heating unit.

They are ideal for shipping fruit, vegetables or other refrigerated goods over long distances.

Reefer 20'

Inside length	Inside width	Inside height	Door width	Door height	Capacity	Tare weight	Max. cargo
17'8"	7'5"	7'0"	7'3"	7'3"	953 cft	6,503 lbs	60,627 lbs
5.450 m	2.285 m	2.160 m	2.290 m	2.225 m	27 m ³	2,950 kgs	27,500 kgs

Reefer 40' HC (High cube)

Inside length	Inside width	Inside height	Door width	Door height	Capacity	Tare weight	Max. cargo
38'0"	7'6"	7'10"	7'6"	7'5"	2,366 cft	10,141 lbs	65,036 lbs
11.590 m	2.285 m	2.400 m	2.290 m	2.250 m	67 m ³	4,600 kgs	29,500 kgs

Container types overview

Open top



2 sizes (in feet): 20' / 40'

Open top containers have a removable tarpaulin, making them the best option for overheight cargo.

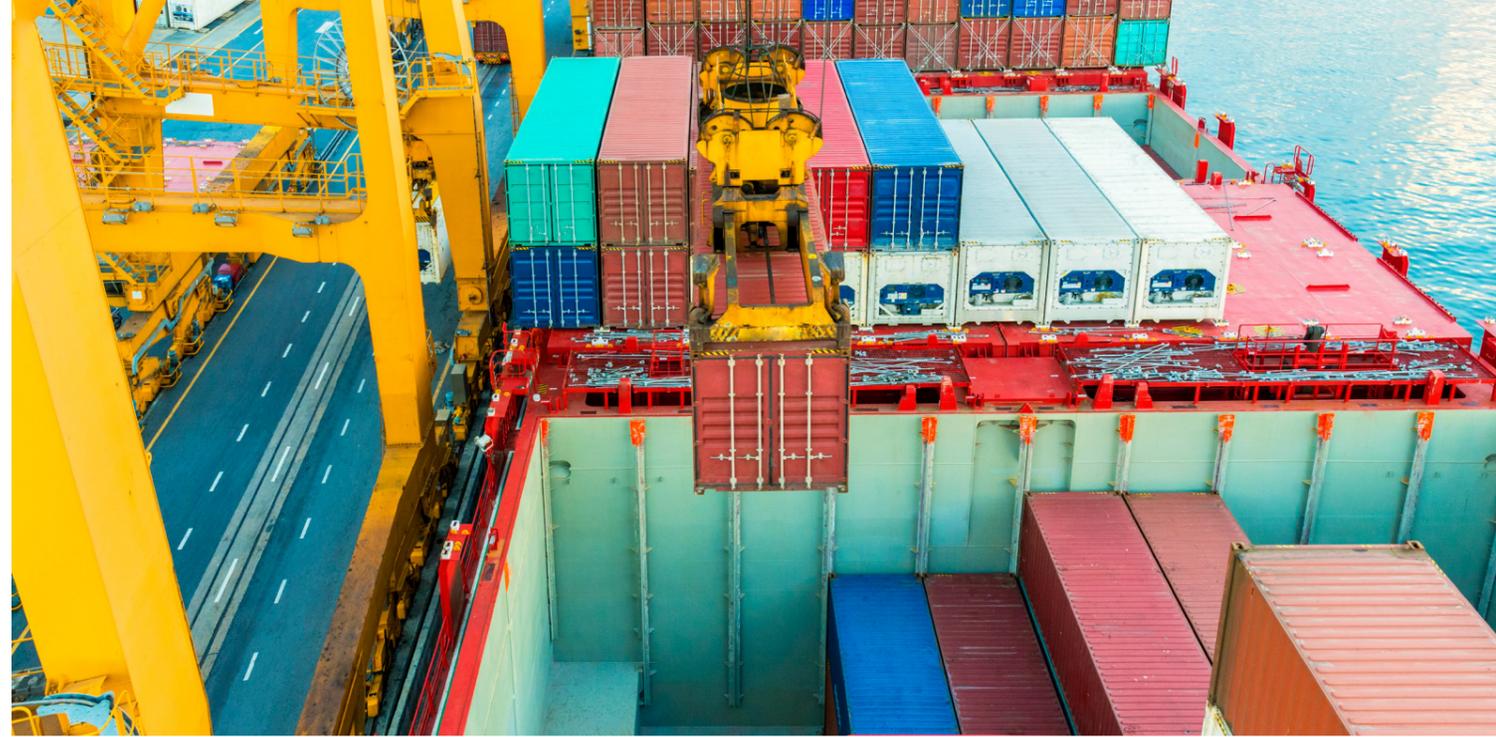
Loading is possible either from top side or door side.

Open top 20'

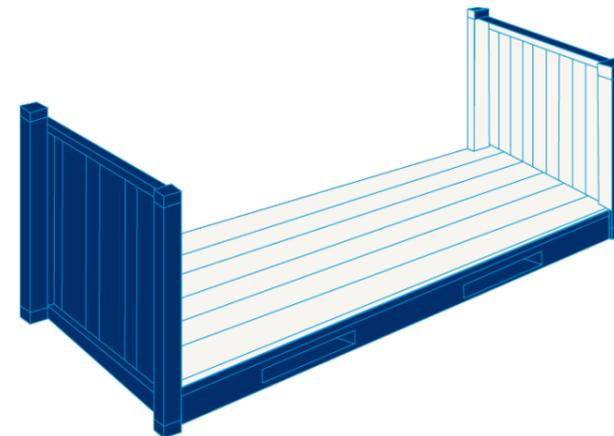
Inside length	Inside width	Inside height	Door width	Door height	Capacity	Tare weight	Max. cargo
19'4"	7'7"	7'8"	7'6"	7'2"	1,136 cft	5,280 lbs	47,620 lbs
5.894 m	2.311 m	2.354 m	2.286 m	2.184 m	33.23 m ³	2,400 kgs	21,600 kgs

Open top 40'

Inside length	Inside width	Inside height	Door width	Door height	Capacity	Tare weight	Max. cargo
39'5"	7'8"	7'8"	7'8"	7'5"	2,350 cft	8,490 lbs	58,710 lbs
12.028 m	2.350 m	2.315 m	2.341 m	2.274 m	55.5 m ³	3,850 kgs	26,680 kgs



Flat rack



2 sizes (in feet): 20' / 40'

They are particularly suitable for heavy loads and oversized cargo that do not fit into a standard container, such as construction equipment or heavy machinery.

Flat rack 20'

Inside length	Inside width	Inside height	Door width	Door height	Capacity	Tare weight	Max. cargo
18'5"	7'3"	7'4"	-	-	-	5,578 lbs	47,333 lbs
5.620 m	2.200 m	2.233 m	-	-	-	2,530 kgs	21,470 kgs

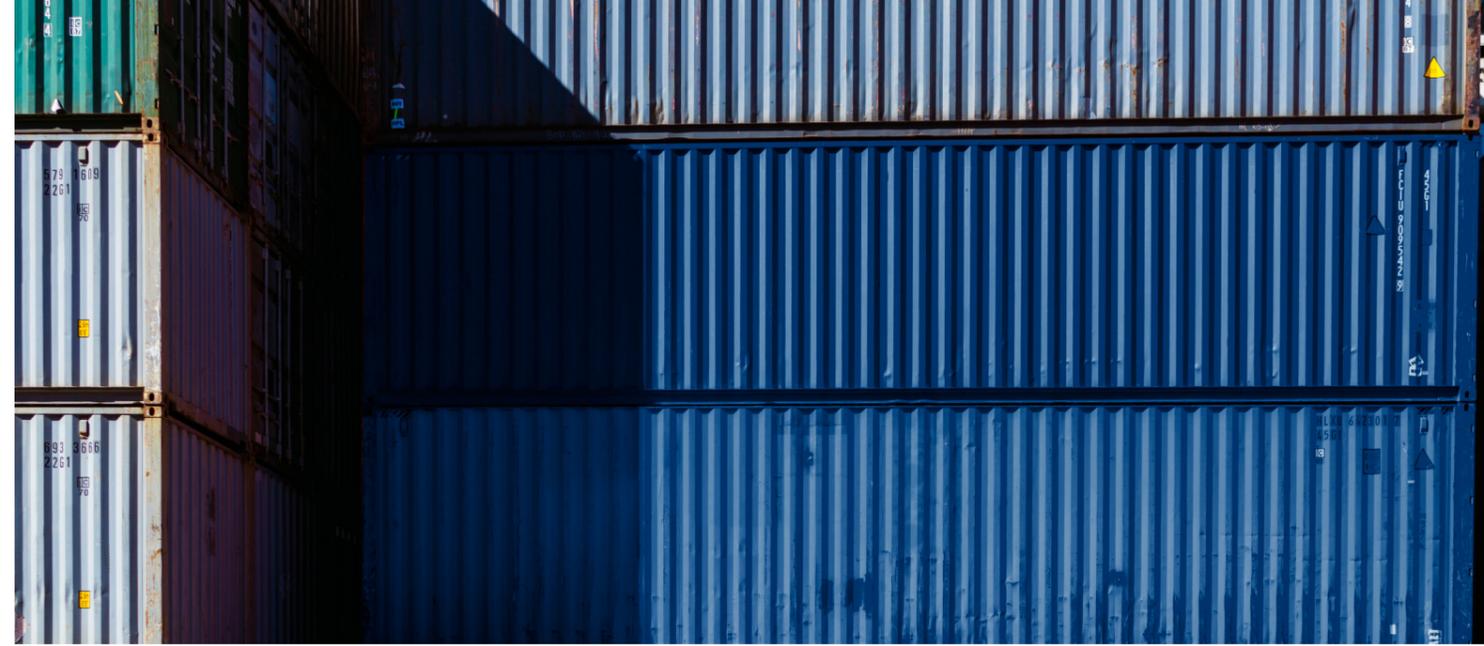
Flat rack 40'

Inside length	Inside width	Inside height	Door width	Door height	Capacity	Tare weight	Max. cargo
39'7"	6'10"	6'5"	-	-	-	12,081 lbs	85,800 lbs
12.080 m	2.438 m	2.103 m	-	-	-	5,480 kgs	39,000 kgs

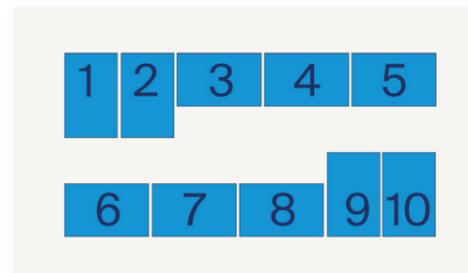
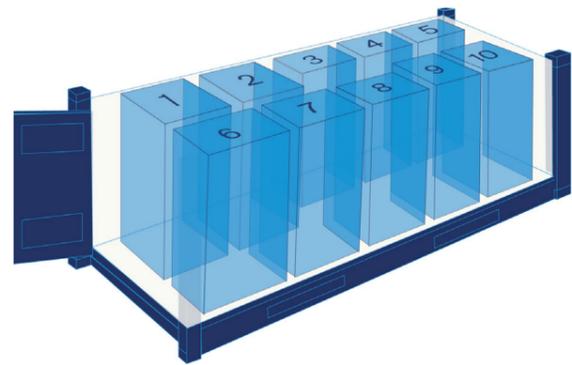
Basic pallet placement inside the containers

Depending on the container size and the pallet type, a different number of pallets can be placed in the container. Here you can find an overview of how many pallets fit into your preferred container.

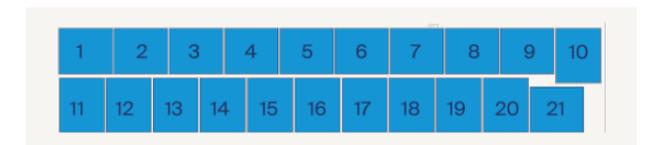
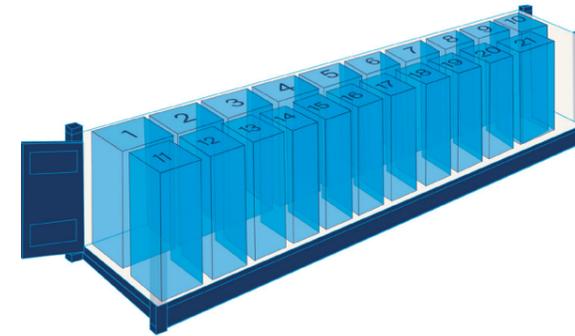
Generally, pallets are never loaded on edge. The decisive factor is stackability; if the pallets cannot be stacked, 25 EURO pallets fit into a 40-foot container and 11 EURO pallets into a 20-foot container.



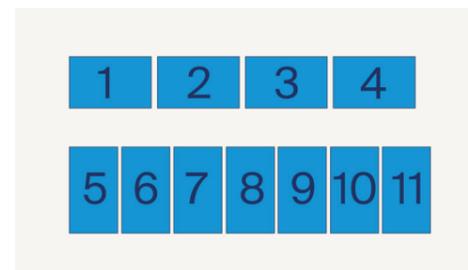
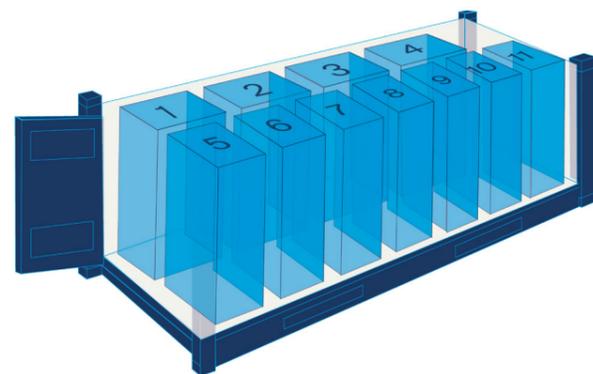
20' standard container - 10 industrial pallets Pallet dimensions: 120 x 100 x 25 cm



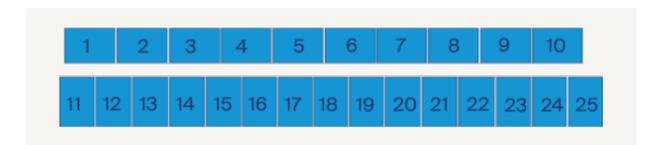
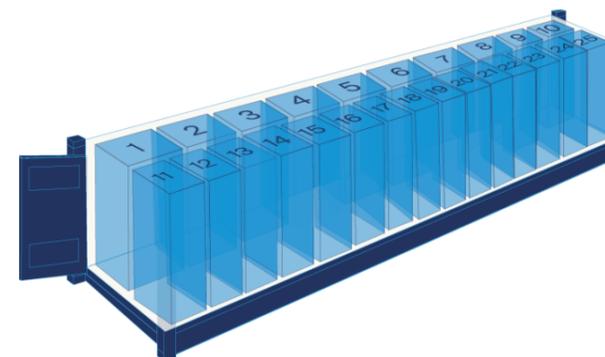
40' standard container - 21 industrial pallets Pallet dimensions: 120 x 100 x 25 cm



20' standard container - 11 EURO pallets Pallet dimensions: 120 x 80 x 25 cm



40' standard container - 25 EURO pallets Pallet dimensions: 120 x 80 x 25 cm



About us

Kuehne+Nagel is the global number one in sea logistics. Over 10,000 sea logistics experts worldwide ensure Kuehne+Nagel customers can access reliable sea transport on all major trading routes and 63,000 port connections. Its focus is on shipping full container loads (FCL) and less-than-container-loads (LCL), perishable and fresh cargo shipments as well as project logistics. We offer a flexible and reliable service with more than 750 weekly departures and a multitude of connections in an independent network spanning multiple shipping companies. Innovative digital information solutions such as seaexplorer ensure full visibility and customised supply chains, whatever the size of the company.

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