

# How to ship freight: equipment types and services

# **FREIGHT CONTAINERS**

A square or rectangular unit with strength suitable for shipping, handling and storage, available in 20', 40' and 53' lengths

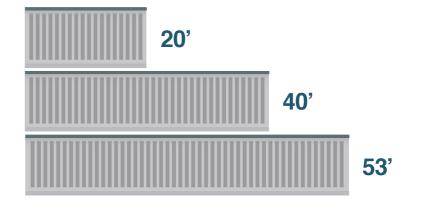
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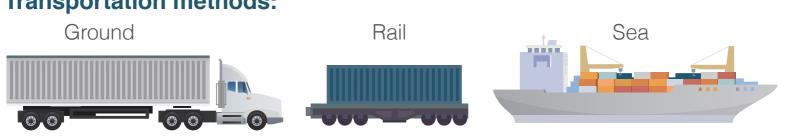
Intermodal container, ISO container, Sea container and Ocean container

### Main attribute:

Requires a chassis and power unit for transportation

#### **Transportation methods:**





## **TRAILERS**

An unpowered vehicle used to haul goods and materials

#### Main attribute:

0.0

#### **Types:**

- Partial or full enclosure
- Open

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Built with a wheel assembly permanently attached to a single-, tandem- or tri-axle configuration; requires a power unit for transportation



#### **FLATBED**

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A trailer with an open deck and no enclosure or doors. Typically loading dock height, flatbeds can be loaded/unloaded from the top, side or rear.

#### **STEP DECK** (DROP DECK)

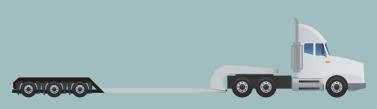
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A flatbed that features a raised step and lowered deck to accommodate taller shipments



#### **DOUBLE DROP** (LOWBOY)

Generally used for oversized freight. The lower deck height lets you load items over 10' tall. A crane is typically used to load cargo that can't be driven onto this type of trailer.



#### **RGN** (REMOVABLE GOOSENECK)

A specialized flatbed trailer featuring an arched coupling arm that, when removed, creates a loading ramp (typically used for heavy equipment transport)



#### **CHASSIS**

An undercarriage designed specifically for transporting containers over the road



#### **CONVERTER GEAR** (DOLLY)

An axle coupling device (typically with a fifth wheel assembly) that is used to connect trailers for simultaneous transport

## PARTIAL OR FULL ENCLOSURE TRAILERS







#### **CURTAINSIDE**

A trailer that features a stationary front wall, roof and rear doors along with tarp sides. Cargo can be loaded from the side or rear only.



#### SEMI-TRAILER (DRY VAN)

A standard 53' enclosed trailer designed for general cargo. It's loaded and unloaded through the rear doors and requires elevated access for forklifts to enter.



**PUP** 

A 28' semi-trailer

#### **REFRIGERATED VAN (REEFER)**

A standard trailer that's refrigerated and insulated



**DOUBLES** (PUP SETS)

Two pup trailers joined with a converter gear

# TRACTORS

A powerful motor vehicle designed for hauling semi-trailers, flatbeds and chassis

## SINGLE CAB (DAY CAB)

A tractor for day trips, not equipped with a sleeper berth



## SLEEPER CAB

A tractor with a special compartment (or "berth") attached to the cabin of the truck used for sleeping or rest. May be equipped with closet storage, satellite TV, internet access, electricity, microwave and/or refrigerator.



## CAB OVER

A tractor with a body style that features a vertical front (also called a flat face). The cab of the truck sits forward of (or above) the front axle.



## **TRUCKS & VANS**

Definition: both vans and trucks feature a cargo area that cannot be detached from the power unit or passenger cab



## CARGO VAN (SPRINTER VAN)

A commercial van with space for two passengers where the remaining space is used to haul cargo. Mercedes-Benz® manufactures cargo vans under the Sprinter model.



## BOX TRUCK (STRAIGHT TRUCK)

A single cab or cab over truck with an enclosed cargo area

## AIRPLANES

Air carriers used for the transportation of goods

## PASSENGER PLANE

A commercial aircraft primarily used for transporting passengers. Carriers utilize the spare volume in the baggage hold to move cargo.

## CHARTER PLANE

A private aircraft that is often hired to transport cargo

## CARGO PLANE

Specialized aircraft designed or converted for the carriage of cargo rather than passengers

