



# Routing Orders USA National Inbound

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# Transport Guidelines

## Transport control of purchase deliveries – USA National Inbound

The following conditions apply for goods specified in supplier conditions as “EXW / FCA / FOB”.

### In General:

Please note that:

- the Innomotics order or purchase order number must be indicated in the freight documents without fail.
- Freight charges from the supplier will not be accepted.

For shipments containing dangerous goods you are responsible to transfer the necessary legally required dangerous goods data to the freight forwarder when placing the order. You are also responsible for packing, marking, labelling etc. in compliance with the regulation relevant to the used transport mode(s).

If this rule is not observed, the additional freight and administrative costs will be billed.

# How to allocate your shipment to the right transport mode

## Characteristics Parcel Shipment

- Express/parcel deliveries Earlier windows  
Often 8:00AM – 3:00PM
- Ground  
Usually 9:00AM – 5:00PM
- Parcel companies don't guarantee an exact time, only a window
- Standard < 150Lbs per package:  
Length up to 108 inches  
Length + Girth: up to 165 inches  
If you exceed this it moves into freight

Not considered parcel if:

- Over 150lbs piece
- Palletized
- Irregular items that can't go on conveyors

Requires forklift or dock handling  
Those become: Fedex Freight LTL

### Restrictions: Parcel

Length	≤ 108 inches/274 cm
Max Size (Length +Girth)	≤ 165 inches total
Height	No standalone, is included In the girth calculation
max. weight per package	≤ 150lbs per package

## Express / Parcel

## Characteristics LTL

- Single Shipment  
≥ 151 lbs to ~14,000lbs
- Anything over 150lbs per piece usually qualifies as LTL
- Can be one heavy item or multiple pieces on pallets
- 1-6 pallets normal LTL
- No strict max like parcel but subject to trailer size limits
- LTL requires : Freight class
- Scheduled pick up (usually 8-5)
- Appointments often required at delivery
- Accessorials may apply:
  - Liftgate
  - Residential
  - Inside delivery
  - Limited access
- More than 6 pallets start checking FTL
- Over 15,000lbs go to FTL

## LTL

## Characteristics FTL

- Standard deliveries for FTL transports = complete loads
- Trailer is dedicated (one shipper one consignee)
- Typical Max cargo weight (Varies per equipment)
  - Dry Van 43,000-45,000 lbs
  - Flatbed 45,000 – 48,000 lbs
  - Stepdeck 44,000 – 46,000lbs
  - Lowboy 40,000+ lbs
- All loads must be legal as per DOT, all cargo must be tarped in order to be accepted.

## FTL

## Characteristics Slightly ODC

- Slightly Over dimensional Cargo (ODC) = Shipments outside of standard traffic
- Exceed Standard Dimensions:
  - Width: More than 8.5 feet (102 inches)
  - Height: More than 13.5-14 feet (depending on the state)
  - Length: Single vehicle typically over 2feet,
- Weight: Over 80,000lbs gross vehicle weight on federal highways
- Requires:
  - Special permits
  - Escort or Pilot Vehicles
  - Special Equipment:
  - Lowboys, extendable
- All loads must be legal as per DOT, all cargo must be tarped in order to be accepted.

## Slightly ODC Overdimensional Cargo

# How to allocate your shipment to the Innomotics Preferred carrier

## Express / Parcel

### Fedex

Contact:

US Customer Service - (800) 463-3339  
schedule a pick-up, find drop-off locations, track a package and more.

Please indicate Innomotics Fedex account number on the Fedex Waybill.

When calling to schedule a pickup, Fedex will then ask for which account number you would like to use, This can be different depending on the Innomotics unit ordered.

Please reach out to your innomotics contact to obtain the account number

## LTL Less than Truck Load

### XPO

Contact:

Hotline  
Tel: 1-800-755-2728  
Please have your zip code available to be routed to the correct service center support team  
[www.xpo.com](http://www.xpo.com)  
[ltlccg@xpo.com](mailto:ltlccg@xpo.com)

Please note that it is extremely important to provide all information such as :

- Equipment type, weight, dimensions and description, special services and Service Area
- Pick up and Delivery Address and Windows
- Delivery appointment requirements

Transit times: Please ask your provider  
Estimated days between origin and destination

Rates are negotiated directly by Innomotics

as a reminder, if a supplier is shipping into one of your facilities on your pricing agreement all they need to do is indicate the terms are COLLECT on the bill of lading.

## FTL Full Truck Load

### Landstar

Contact:

[Innomotics@landstarny.com](mailto:Innomotics@landstarny.com)  
O: 631-346-0190

Please note that it is extremely important to provide all information such as :

- Equipment type, Capacity, special services and Service Area
- Pick up and Delivery Windows
- Delivery appointment requirements
- Road limitations: Bridges, tunnels, road restrictions

Transit times: Please ask your provider  
Estimated days between origin and destination

Rates are negotiated directly by Innomotics

For further information or assistance please contact carrier.

## Slightly ODC Overdimensional Cargo

### Preferred : Landstar

Contact:

[Innomotics@landstarny.com](mailto:Innomotics@landstarny.com)  
O: 631-346-0190

Please note that it is extremely important to provide all information such as :

- Equipment type, Capacity, special services and Service Area
- Pick up and Delivery Windows
- Delivery appointment requirements
- Road limitations: Bridges, tunnels, road restrictions

Transit times: Please ask your provider  
Estimated days between origin and destination

Rates are negotiated directly by Innomotics

For further information or assistance please contact carrier.

# Transport Guidelines

## Trailer Type

Trailer Type	Description
<p><b>Dryvan</b></p> 	<p>A 53 ft dry van trailer offers one of the largest carrying capacities in ground freight, holding up to 26 standard pallets or nearly 44,000 lbs of cargo. This allows shippers to consolidate multiple orders into a single delivery, reducing costs per unit while ensuring efficient logistics.</p>
<p><b>Flatbed Trailer</b></p> 	<p>Flatbed trailers are widely used and highly versatile, making them one of the most popular trailers seen on the roads today. Typically, freight is loaded onto the top, sides, and rear of the flatbed. With this easy loading capability, flatbeds have become one of the cornerstones of today's trucking industry.</p> <p>A flatbed trailer can carry a maximum legal freight weight of 48,000 pounds.</p>
<p><b>Step Deck Trailer</b></p> 	<p>Step deck trailers (drop deck trailers) are a version of the flatbed trailer consisting of a bottom and top deck. These trailers are designed to carry freight that cannot be transported on a standard type of flatbed, usually due to height restrictions.</p> <p>The maximum load weight for a step deck trailer is 48,000 pounds.</p>
<p><b>Stretch Double Drop Trailer</b></p> 	<p>A stretch double drop trailer is designed for oversized freight that is too long for a standard step deck trailer due to legal length restrictions. It also provides support, preventing overhang. The lower deck allows loads up to 10 feet in height. The trailer is designed with a longer piece, or well, at the trailer's back deck and middle portions, typically measuring 25 feet to 29 feet.</p> <p>The maximum legal freight weight for a stretch double drop is 45,000 lbs.</p>

<p><b>Conestoga Trailer</b></p> 	<p>A Conestoga trailer is a specialized flatbed with a hard shell and tarping system and is designed to protect the variety of freight inside. It is one of the most requested trailers because of its versatility. Conestoga trailers offer better freight protection than tying down basic tarps and reduce the occurrence of tarps damaging the cargo during transit. Because they can be loaded and unloaded with ease, fragile and valuable freight is less at risk of being damaged during shipment.</p> <p>The Conestoga trailer has a legal maximum freight weight of 42,000 lbs to 45,000 lbs.</p>
<p><b>Lowboy Trailer</b></p> 	<p>A lowboy trailer is an unpowered trailer, commonly used to haul freight. With a lowered bed in front of the rear axles, lowboys are designed to transport taller goods that would exceed the height restrictions if carried on a flatbed. Depending on the freight, some states require may permits.</p> <p>Lowboy trailers generally have two axles with a maximum load weight of 40,000 pounds. An additional weight capacity of up to 80,000 pounds will depend on the number of axles used (weight of the trailer + weight of the load).</p>
<p><b>Hotshot</b></p> 	<p>Hot shot trucking refers to the expedited transportation of smaller, time-sensitive freight, usually for a single customer, using appropriately sized trucks. Hot shot trucking is a specialized freight service focused on speed, flexibility, and delivering time-critical hot shot loads. Hot shot trucking services involves hauling smaller, urgent shipments on short notice and delivering them directly to their destination as fast as possible. Hot shot loads are hauled dedicated - meaning one truck carries one customer's urgent freight directly from pickup to delivery.</p>