



**123 LOGISTICS**

By Land, by Air and by Sea

A nighttime photograph of a complex highway interchange with light trails from moving vehicles. In the background, a large port terminal with many shipping containers and industrial structures is visible under a dark sky.

**OVER  
DIMENSIONAL  
TRAINING**

## OVER DIMENSIONAL > THE BASICS

Shipments **GREATER** or **OVER** the **Legal Dimensions** (*Length x Width x Height*) of a standard (*flatbed*) trailer

- **Flatbed Trailers** = Greater than **102"** in **WIDTH & HEIGHT**
- **Stepdeck Trailers** = Greater than **102"** in **WIDTH & 120"** in **HEIGHT**

### OVER DIMENSIONAL PERMITS

What is **REQUIRED** from the **Dept. of Transportation**?

- **Dimensions** ("Dims") of the shipment in **LENGTH x WIDTH x HEIGHT**
- **Costs of Permits**: Varies **State to State & Size of Shipment**
- **Most states REQUIRE** Make/Model and Serial Number to issue.
- **Can Take 24-48 hours in some states**(CA for example)
- **Permitted loads are also subject to state re-routing**

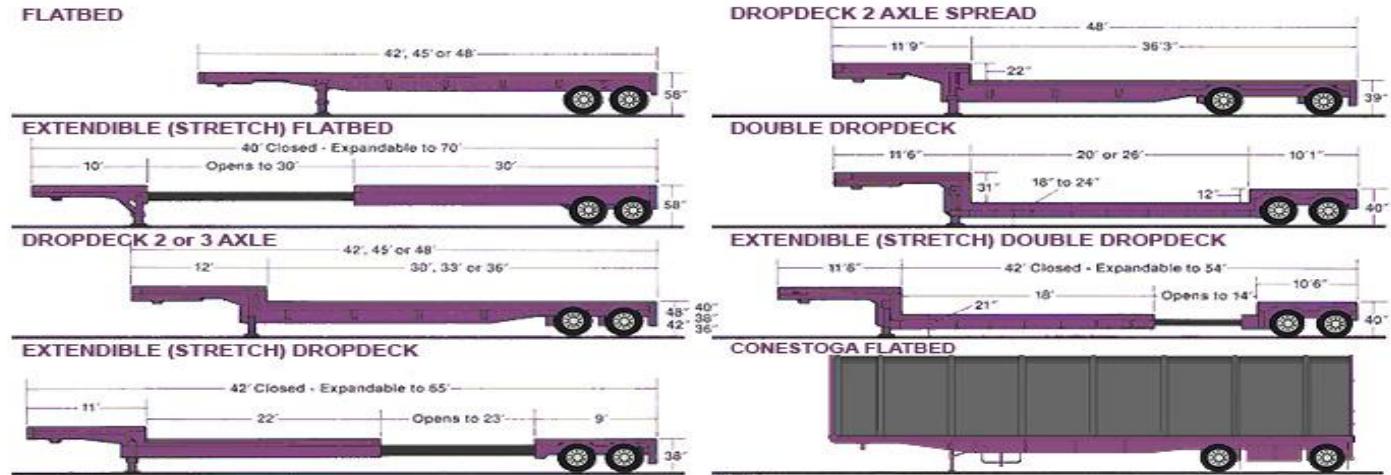


## OVER DIMENSIONAL > THE BASICS (Cont'd)

### HEAVY HAUL SHIPMENTS

#### Specialized Equipment

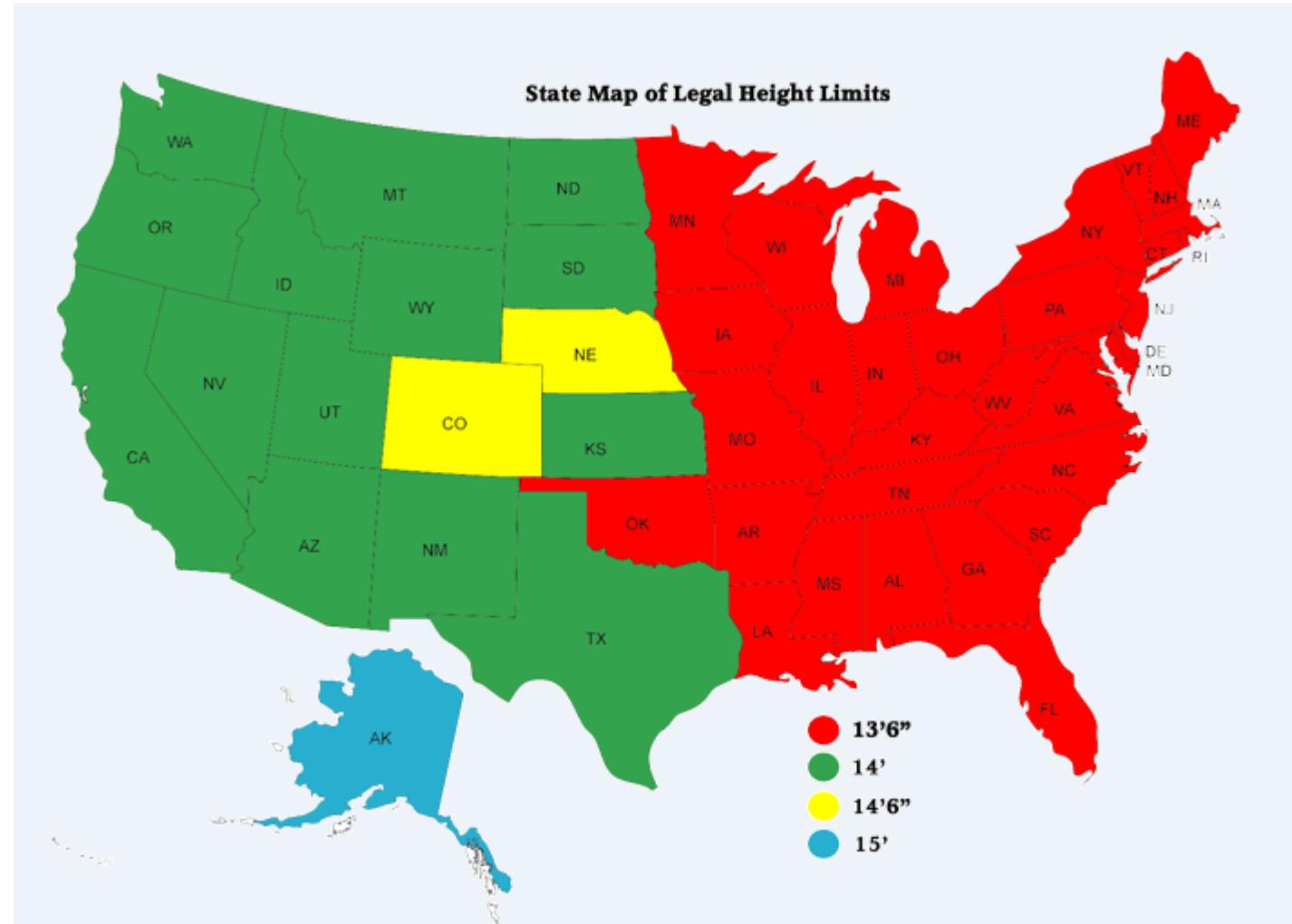
- *Dropdeck Extendable*
- *Flatbed Extendable*
- *Multi-Axle Stepdecks/Flatbeds*
- *Double-Drop Extendable*
- *Mutli-Axle Trailers*
  - o *9 to 13 Axle Configurations*
- **Escorts Required for Heavy Haul / OD shipments**
  - o Typically \$1.75-\$1.95 per mile or daily rate
  - o Vary from state to state
  - o Depends on certain Restrictions  
(Height, width, length, weight)
  - o Can also include police escorts



**OVERSIZE LOAD**

## OVER DIMENSIONAL > Maps

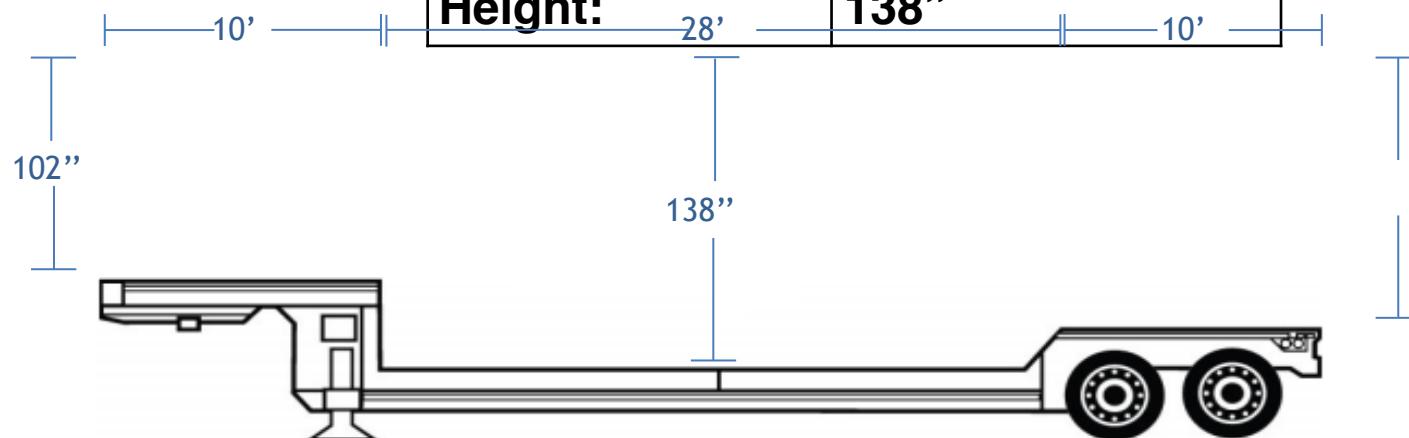
- All states require permits for overweight shipments (Max weight of tractor/trailer/commodity is 80,000lbs)
- All states require permits for anything over 102" wide
- Not All states are the same when it comes to over-height loads.



# OVER DIMENSIONAL > DOUBLE DROP (LOW BOY)

## Dimensions

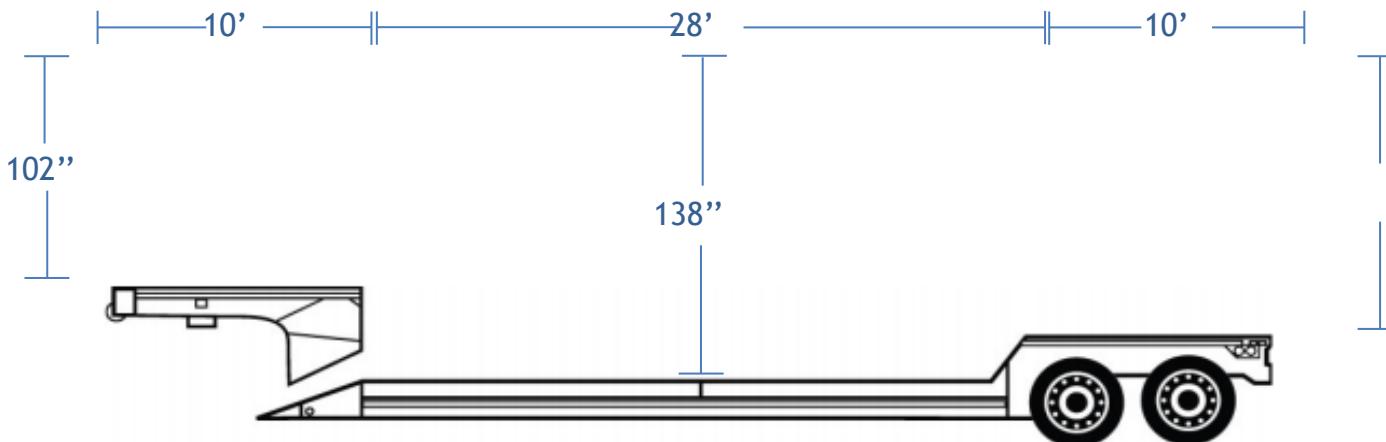
<b>Legal Weight:</b>	<b>38,000lbs-45,000lbs</b>
<b>Length (Main Deck):</b>	<b>26-28' (Well)</b>
<b>Length (Front Deck):</b>	<b>10 – 12'</b>
<b>Length (Back Deck):</b>	<b>10'</b>
<b>Width:</b>	<b>102"</b>
<b>Height:</b>	<b>138"</b>



# OVER DIMENSIONAL > REMOVABLE GOOSE NECK (RGN)

## Dimensions

<b>Legal Weight:</b>	<b>38,000lb to 45,000lbs</b>
<b>Length (Main Deck):</b>	<b>26-28' (Well)</b>
<b>Length (Front Deck):</b>	<b>10'</b>
<b>Length (Back Deck)</b>	<b>10'</b>
<b>Width:</b>	<b>102"</b>
<b>Height:</b>	<b>138"</b>



## OVER DIMENSIONAL > SPECIALIZED EQUIPMENT PHOTOS



# OVER DIMENSIONAL > STRETCH TRAILERS PHOTOS



## OVER DIMENSIONAL > ACTUAL RGN LOAD

### Load Details:

Route Info: Hebron, KY to Nicholasville, KY

Total Revenue: \$3,200

Actual Cost: \$2,200

Commodity: Komatsu 400 Crane

- Dims: 39`1" (L) x 11`3" (W) x 12`8" (H)
- Weight: 94,470 lbs.



## OVER DIMENSIONAL > VIDEOS



## OVER DIMENSIONAL > References

State permitting/escorting

<http://www.redhawkglobal.com/Resources/OD-OW-State-Regulations?State=>

Heavy Haul//Trailer combo info

<http://www.heavyhaul.net/category/equipment-check/>

Commodity specs (Heavy Equipment

<http://www.ritchiespecs.com/>