

# equipment reference guide

Siemens Transportation Group Inc.



*Equipment Reference Guide: May 2018*

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## **SHUNT TRUCK (OR YARD MULE)**

- Used to move or “shunt” trailers in the yard - not plated for road use
- Equipped with hydraulic lift fifth wheel plate so the operator does not have to climb out and raise landing gear on trailers to move them



## TANDEM AXLE DAY CAB

- Not equipped with sleeper
- Primarily used on EEMV switches, day runs and city work



## TANDEM AXLE BUNK TRUCK (OR SLEEPER TRUCK)

- Equipped with bunk or sleeper
- Used in a variety of applications, from city work to long haul, as well as EEMV switches and day runs



## **STRAIGHT TRUCK (OR BODY JOB)**

- Self contained box on unit for carrying freight
- Does not pull trailer
- Can be single axle or tandem axle
- Does not require Class 1 License to operate



## HEADACHE RACK ON BACK OF TRUCK

- (1) Used to carry chains and other equipment



## SINGLE AXLE PUP WITH PROPANE HEATER

- (1) Propane heater mounted on nose
- (2) Holds two propane bottles that fuel the heater
- Temperature cannot be regulated accurately



## TANDEM AXLE PUP WITH PROPANE HEATER

- Used in a variety of applications, from city work to long haul, as well as EEMV switches and day runs





## SINGLE AXLE PUP WITH REEFER

- (1) Refrigeration (reefer) unit mounted to nose
- (2) Fueled by diesel - note the diesel fuel tank located behind the landing gear
- Can maintain temperatures ranging from -20C to +20C



## TANDEM AXLE DRY VAN

- Non-insulated van, cannot protect freight temperatures changes
- Lighter than heated or refrigerated trailers, therefore able to carry more payload
- Traditionally seal better than heated and refrigerated trailers and often more protection against water damage



## TANDEM AXLE REEFER

- (1) Note the fuel tank mounted behind the landing gear



TRI AXLE REEFER



## FRONT VIEW OF TRAILERS

- (1) Dry Van - nothing mounted on nose of trailer
- (2) Diesel Heater - small heater mounted on nose
- (3) Reefer - large refrigeration unit mounted on nose



**CHASSIS WITHOUT  
CONTAINER**



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**CHASSIS WITH  
COTAINER**



## **GENSET CHASSIS (GENERATOR MOUNTED TO CHASSIS) WITH NO CONTAINER**

- (1) Note the genset mounted below the chassis
- The genset runs on diesel and generates electricity which is used to run the reefer on the container





## GENSET CHASSIS WITH CONTAINER

- (1) Fuel tank viewed from passenger side
- (2) Genset viewed from driver's side
- (3) Reefer is electric and flush mounted into the nose of the container (cannot see it from either view)



## **TRI AXLE CURTAIN SIDE DECK**

- Curtain sides slide to front of trailer for ease of loading, unloading and securing cargo against movement
- Curtain sides offer partial protection against weather elements only, but cannot regulate temperature inside
- Curtain sides offer some security for the freight and no-one can identify what is being hauled with the sides slid into place (as shown in this picture)



## TANDEM AXLE HIGHBOY DECK

- Used to haul freight than can be exposed to the elements or must be moved on an open trailer, but that generally does not exceed 9 feet 6 inches in height (maximum allowable height is 13 feet 6 inches)



## TANDEM AXLE RGN (REMOVABLE GOOSE NECK)

- (1) Front goose neck of trailer can be removed to drive equipment on
- Used to transport equipment that is higher than 11 feet



**TANDEM AXLE STEP  
DECK**



## SINGLE AXLE JEEP

- Used in combination with a variety of decks to increase towable weight



## TANDEM AXLE CONVERTER

- Allows two trailers to be joined together to be pulled by one truck
- Tandem axle allows greater weight to be carried in the rear trailer
- Used exclusively in our EEMV program to join two trailers, thus becoming a turnpike double



## SINGLE AXLE CONVERTER

- Allows two trailers to be joined together to be pulled by one truck
- Single axle allows very limited weight to be carried in the rear trailer
- Used to join two pups to become an "A" train
- Used in our EEMV program to join a pup to a longer trailer, becoming a Rocky Mountain Double
- Used in our EEMv program to join two longer trailers together, becoming a turnpike double, but with very limited weight on rear trailers





## TURNPIKE DOUBLE

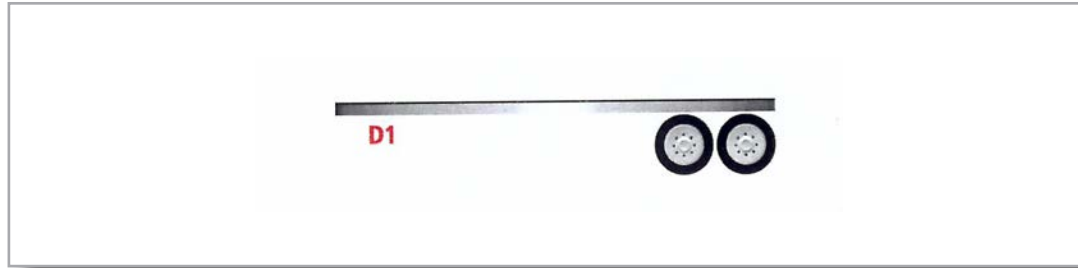
- This turnpike has a (1) tri axle lead trailer, (2) a tandem axle converter and (3) a tri axle rear trailer
- (4) This turnpike is being pulled by a tandem axle sleeper truck



## TURNPIKE DOUBLE

- This turnpike is being pulled by a tandem axle day cab
- This turnpike has (1) a tandem axle lead trailer, (2) a single axle converter and (3) a tandem axle rear trailer

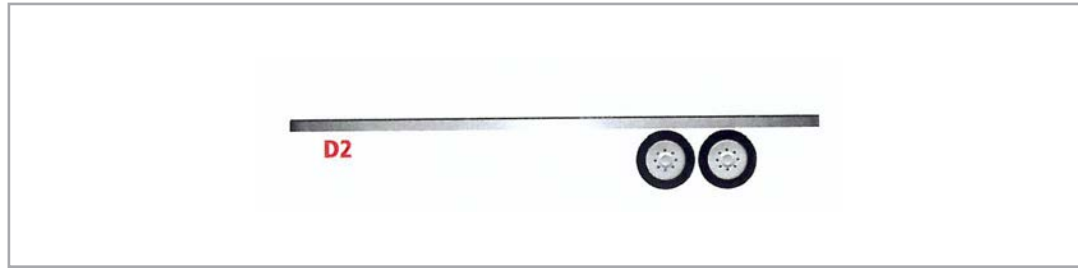
**D1**



**48' TANDEM FLAT**

- 48' Deck Length
- 5' Deck Height
- Maximum Payload for USA Loads is 47,000 lbs.

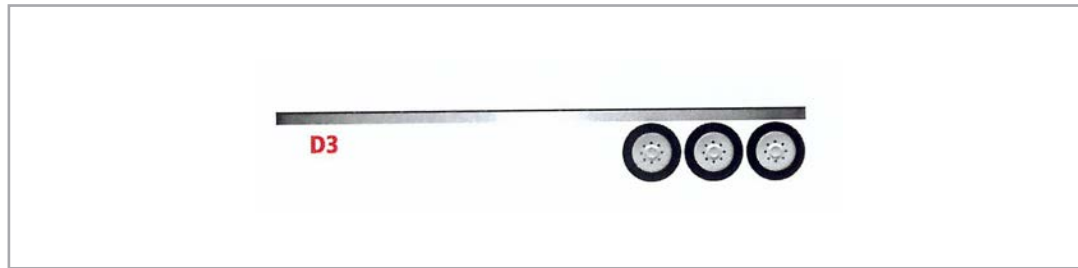
**D2**



**53' TANDEM FLAT**

- 53' Deck Length
- 5' Deck Height
- Maximum Payload fo Loads is 47,000 labs.

**D3**



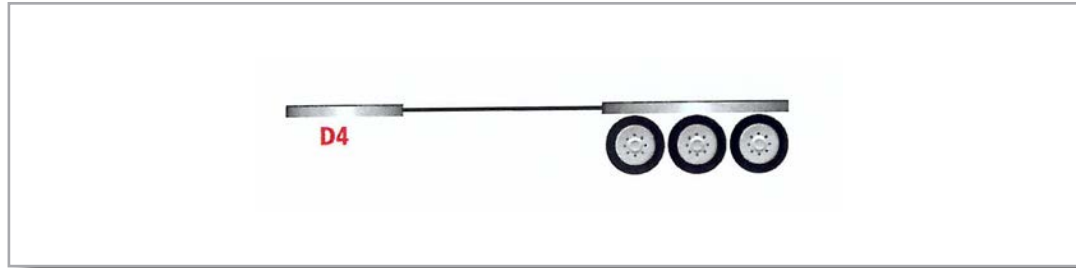
**53' TRI-AXLE FLAT**

- 53' Deck Length
- 5' Deck Height
- Maximum Payload in Canada is 62,000 lbs.

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**FLAT DECK TRAILERS**

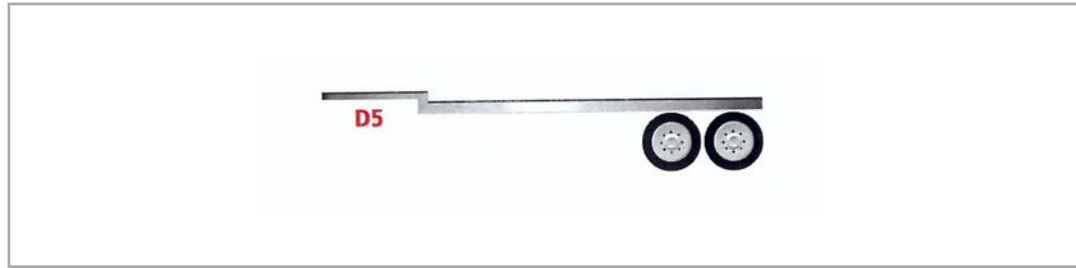
**D4**



**EXTENDABLE FLAT**

- Extends to 80" Length
- 5' Deck Height

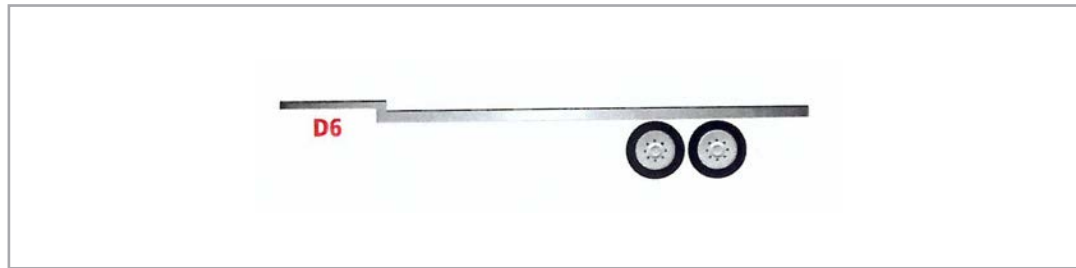
**D5**



**48' STEP**

- 11' Upper Deck Length
- 37' Lower Deck Length
- 42" Deck Height
- Maximum Payload for USA Loads is 46,000 lbs.

**D6**



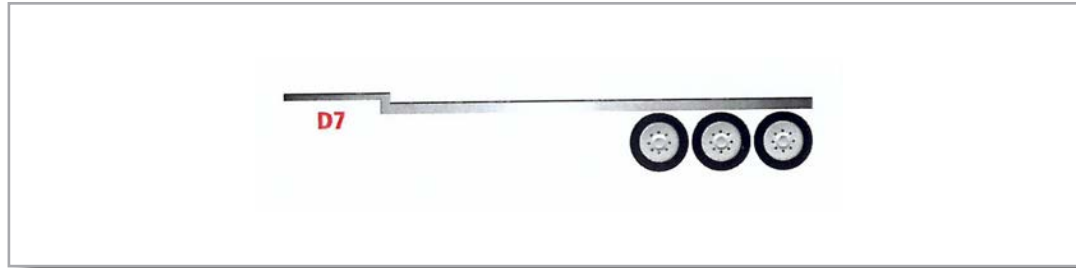
**53" TANDEM STEP**

- 11' Upper Deck Length
- 42' Lower Deck Length
- 42" Deck Height
- Maximum Payload for USA Loads is 46,000 lbs.

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**FLAT DECK TRAILERS**

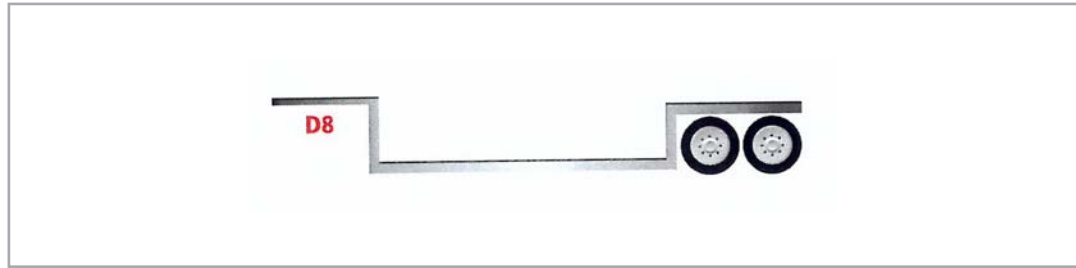
**D7**



**53' TRIDEM STEP**

- 11' Upper Deck Length
- 42' Lower Deck Length
- 42" Deck Height
- Maximum Payload for USA Loads is 46,000 lbs.

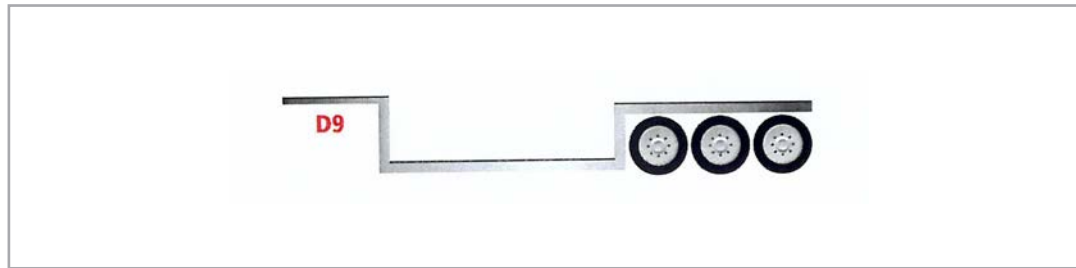
**D8**



**RGN TANDEM**

- Removable Goose Neck
- 26' Middle Deck
- 22" Deck Height
- Drive On/Off, No Dock Required for Loading

**D9**



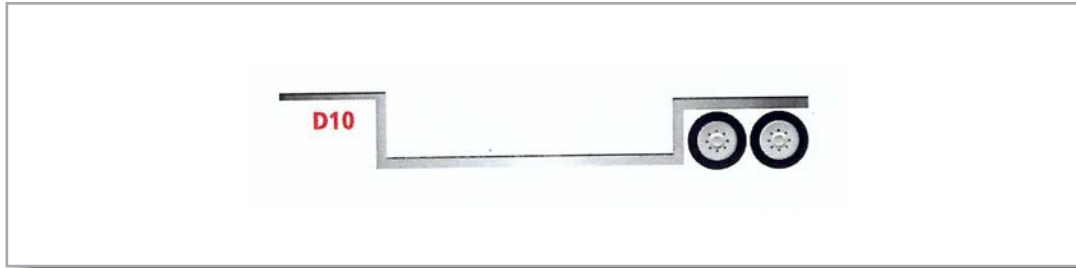
**RGN TRI**

- Removable Goose Neck
- 26' Middle Deck
- 22" Deck Height
- Drive On/Off, No Dock Required for Loading

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**FLAT DECK TRAILERS**

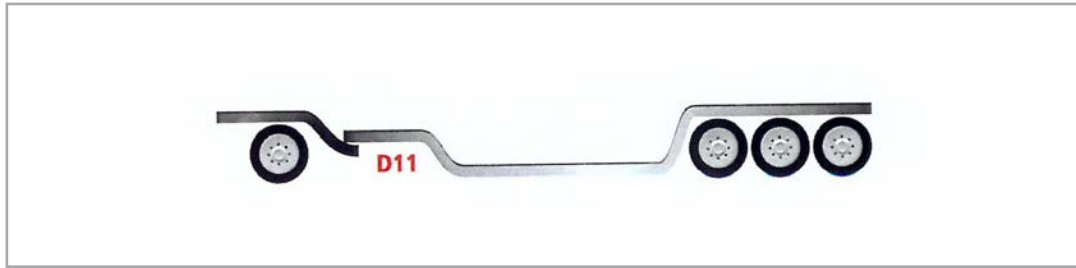
**D10**



**TANDEM DOUBLE DROP**

- 26' Middle Deck
- 22" Deck Height

**D11**



**7 AXLE RGN COMBINATION**

- For Loads up to 70,000 lbs.

**D12**



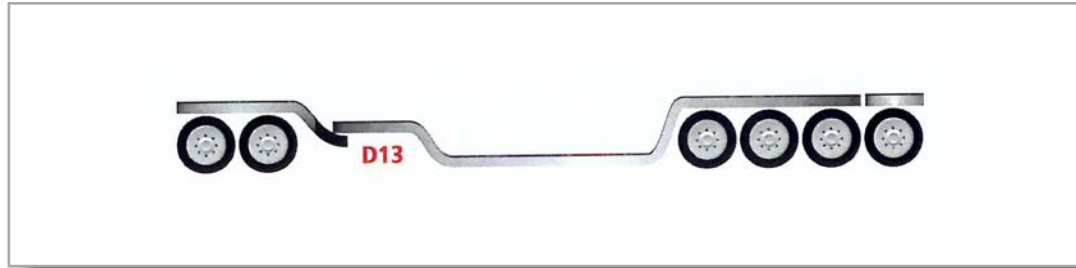
**8 AXLE RGN COMBINATION**

- For Loads up to 90,000 lbs.

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**FLAT DECK TRAILERS**

**D13**



**9 AXLE RGN COMBINATION**

- For Loads up to 105,000 lbs.

**D14**



**9 AXLE TROMBONE STEP DECK**

- Stretches to 67'6" (56'10" on Lower Deck)
- 3'5" Lower Deck Height

**D15**



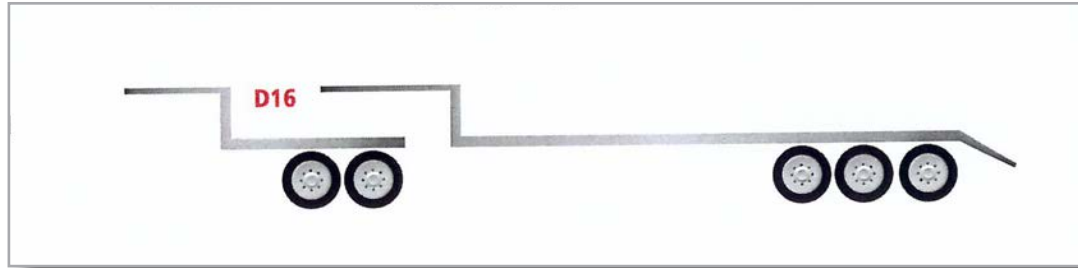
**9 AXLE STEERING DOLLY**

- Self Supporting Loads
- FOR LOADS up to 115,000 lbs.

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**FLAT DECK TRAILERS**

**D16**



**24 WHEELER**

- 24 Wheeler Trailer With Beaver Tail

**D17**



**24 WHEELER & STEERABLE DOLLY**

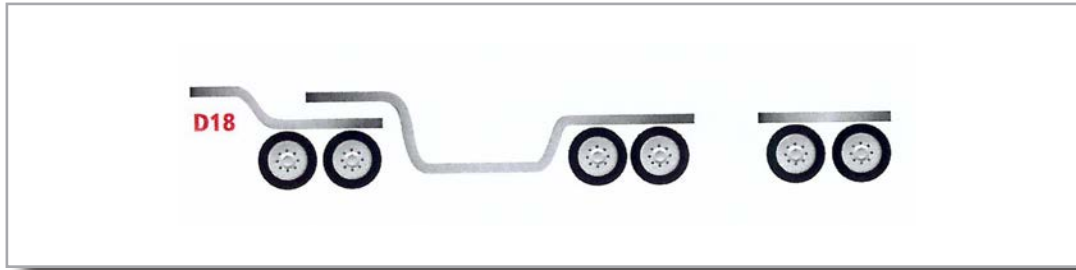
- Self Supporting Loads
- For Weights up to 160,000 lbs. Plus

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## FLAT DECK TRAILERS



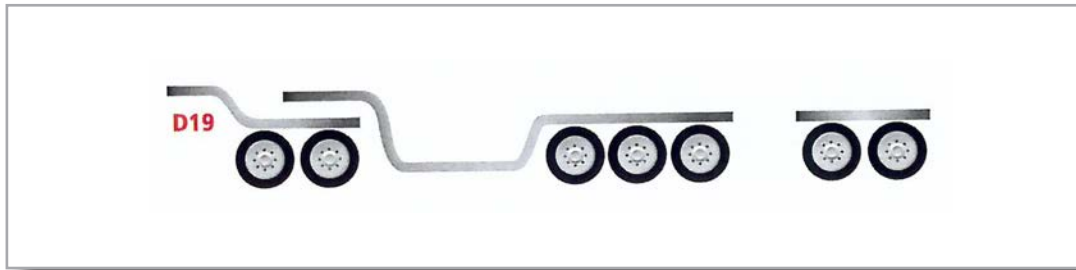
**D18**



**CALIFORNIA LEGAL - 9 AXLE**

- For Weight up to 110,000 lbs.

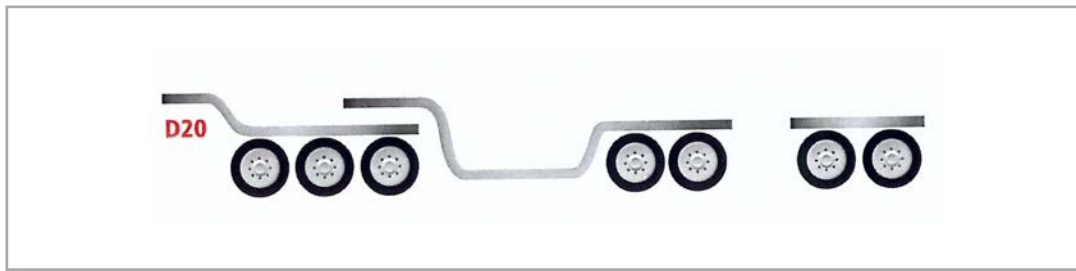
**D19**



**10 AXLE**

- For Weights up to 110,000 lbs.

**D20**



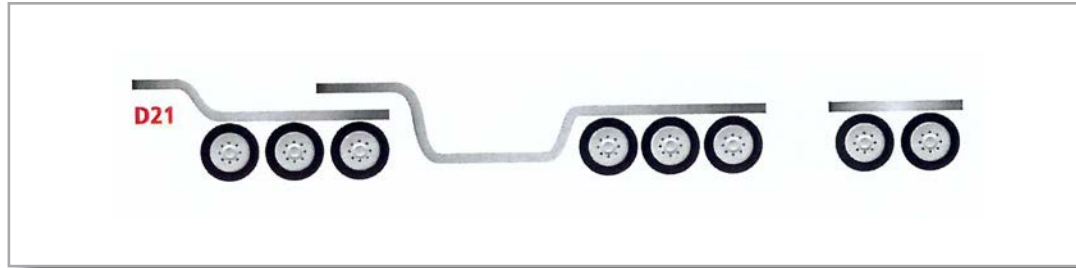
**11 AXLE**

- For Weights up to 135,000 lbs.

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**FLAT DECK TRAILERS -  
ADJUSTABLE WELL DECK  
& RAIL COMBINATIONS**

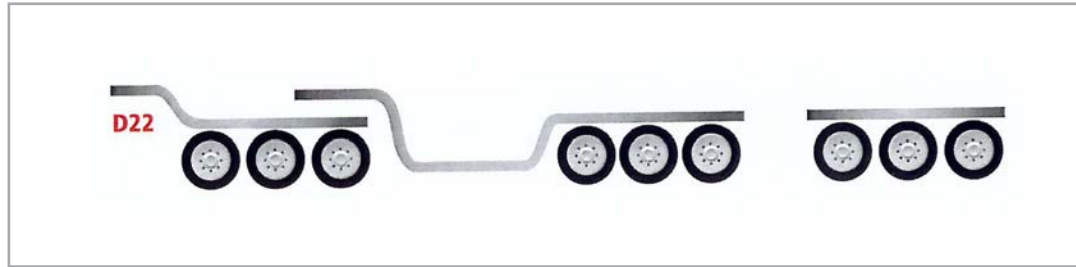
D21



**11 AXLE**

- For Weights up to 135,000 lbs.

D22



**CALIFORNIA LEGAL - 12 AXLE**

- Steerable
- For Weights up to 145,000 lbs.

D23



**13 AXLE**

- Steerable
- For Weights up to 160,000 lbs.

**FLAT DECK TRAILERS -  
ADJUSTABLE WELL DECK  
& RAIL COMBINATIONS**