

equipment reference guide

Siemens Transportation Group Inc.



Equipment Reference Guide: May 2018

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siemens
Transportation Group Inc.





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**



**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

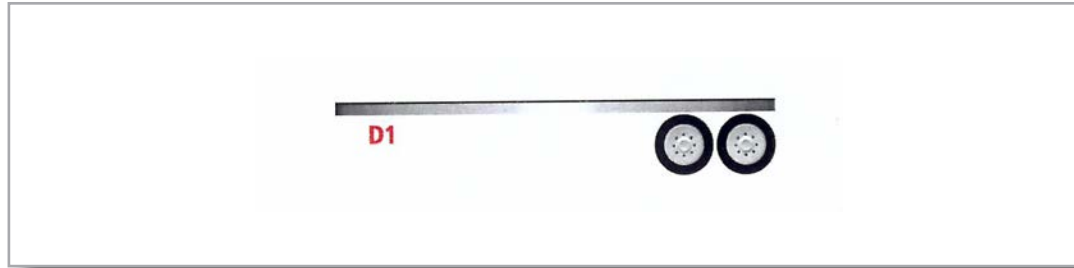
- This turnpike has a (1) tri axle lead trailer, (2) a tandem axle converter and (3) a tri axle rear trailer
- (4) This turnpike is being pulled by a tandem axle sleeper truck



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

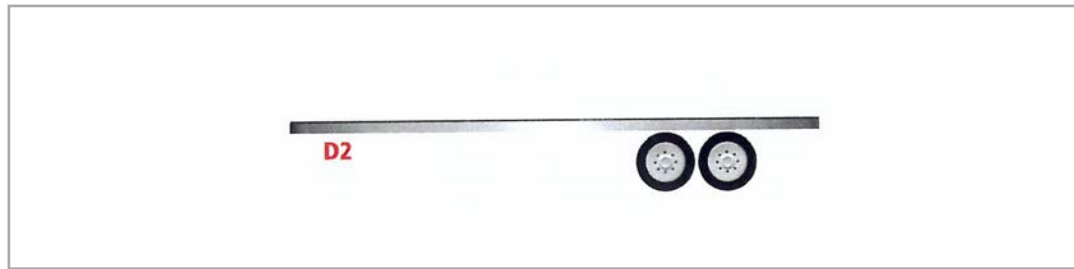
D1



48' TANDEM FLAT

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

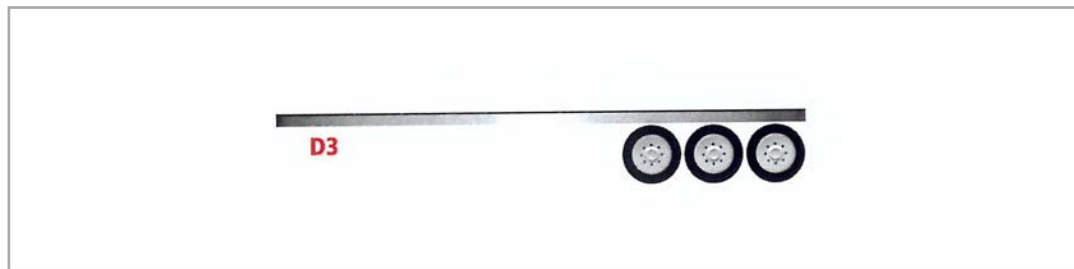
D2



53' TANDEM FLAT

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

D3

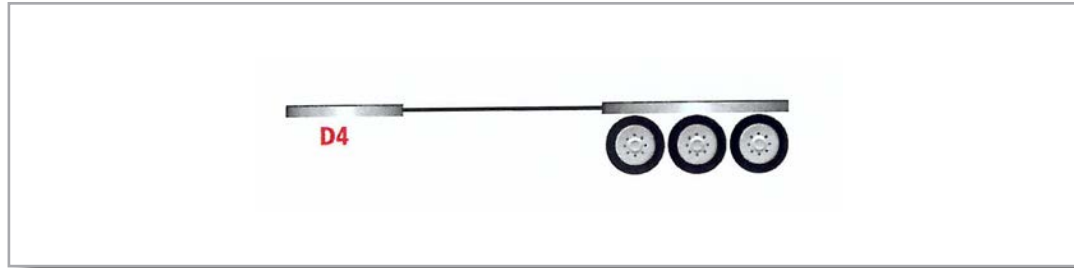


53' TRI-AXLE FLAT

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

FLAT DECK TRAILERS

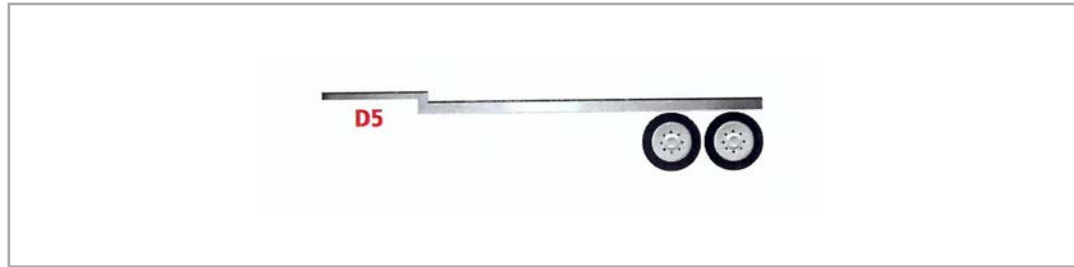
D4



EXTENDABLE FLAT

- Extends to 80" Length
- 5' Deck Height

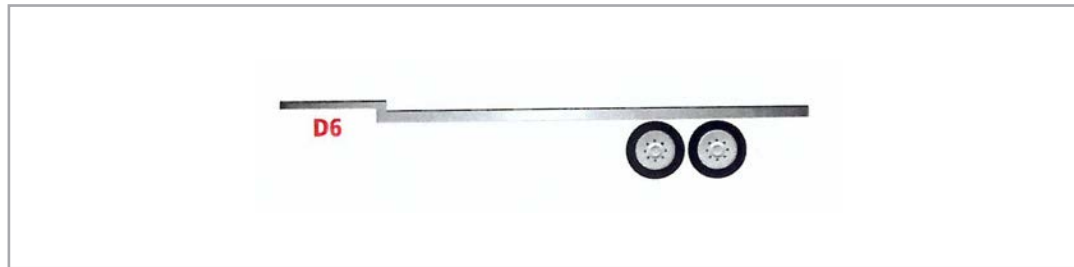
D5



48' STEP

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

D6

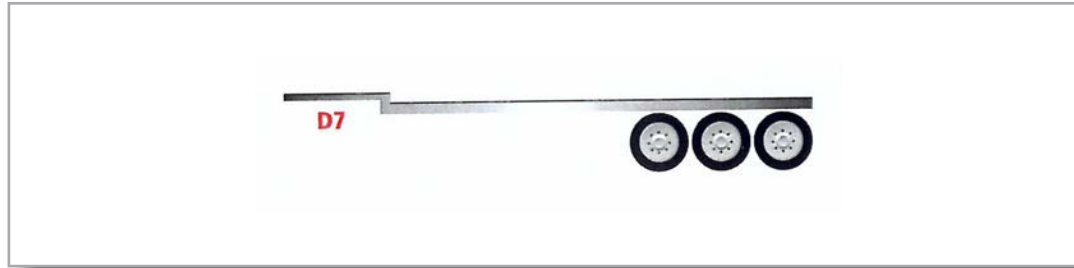


53" TANDEM STEP

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

FLAT DECK TRAILERS

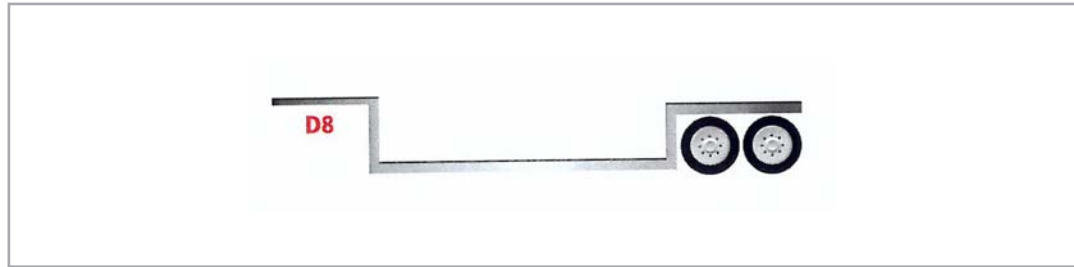
D7



53' TRIDEM STEP

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

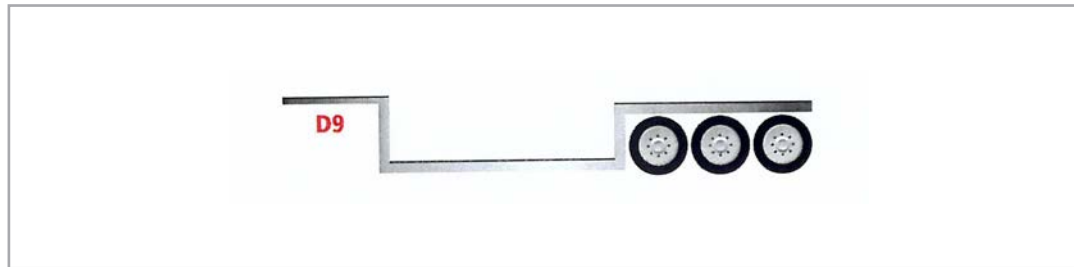
D8



RGN TANDEM

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

D9

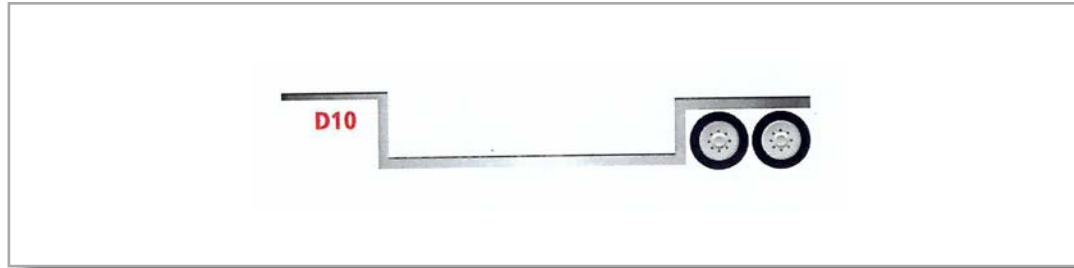


RGN TRI

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

FLAT DECK TRAILERS

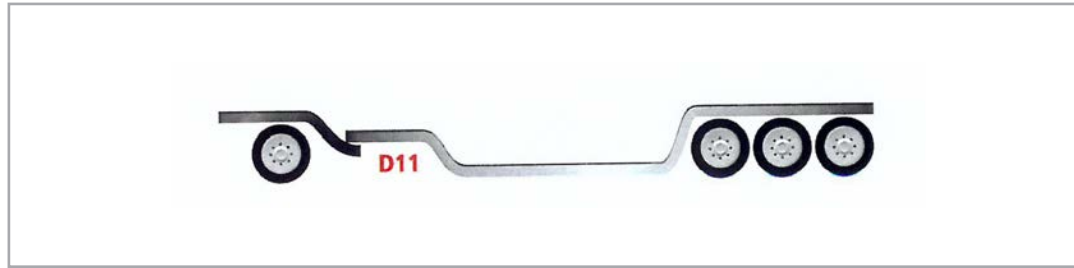
D10



TANDEM DOUBLE DROP

- 26' Middle Deck
- 22" Deck Height

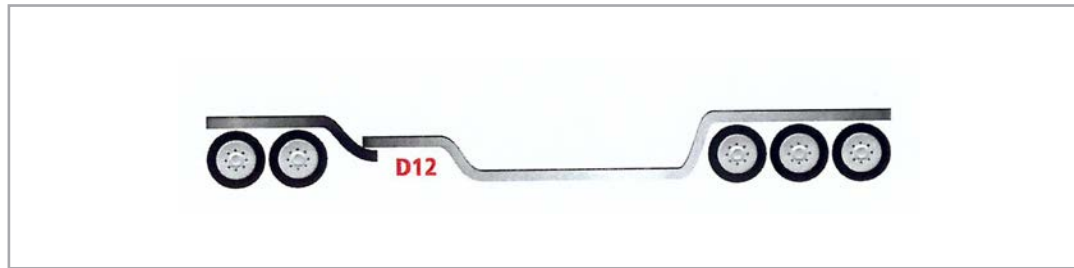
D11



7 AXLE RGN COMBINATION

- For Loads up to 70,000 lbs.

D12

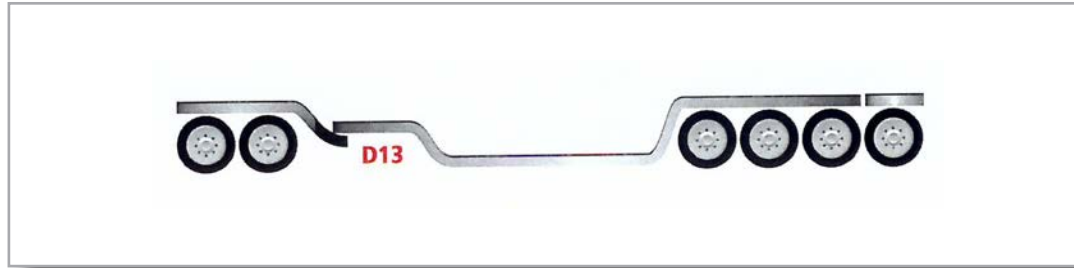


8 AXLE RGN COMBINATION

- For Loads up to 90,000 lbs.

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

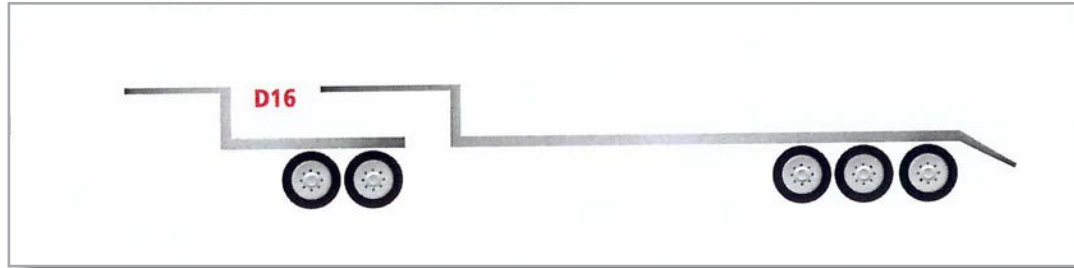


9 AXLE STEEPLING DOLLY

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

FLAT DECK TRAILERS

D16



24 WHEELER

- 24 Wheeler Trailer With Beaver Tail

D17

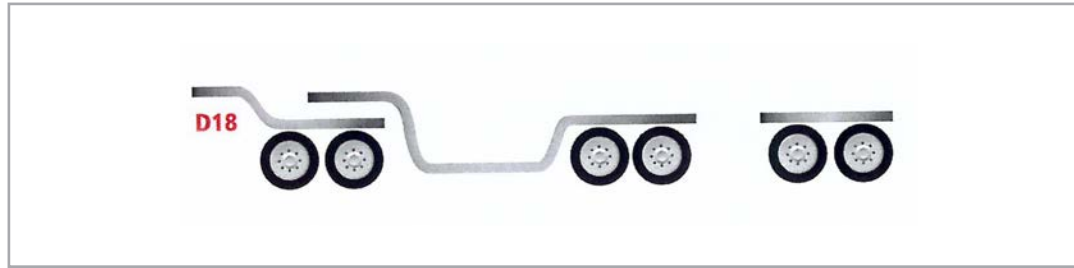


24 WHEELER & STEERABLE DOLLY

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

FLAT DECK TRAILERS

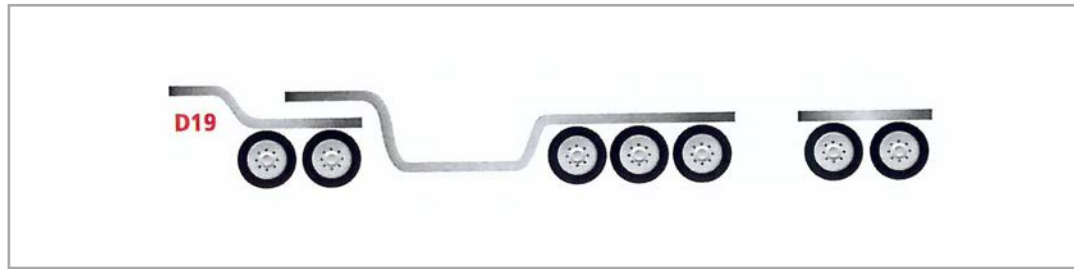
D18



CALIFORNIA LEGAL - 9 AXLE

- For Weight up to 110,000 lbs.

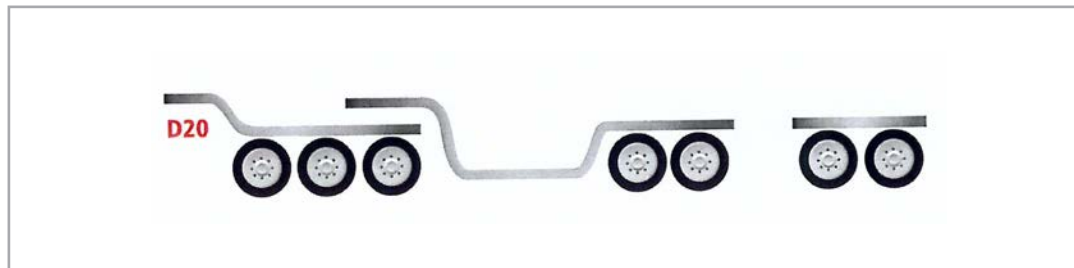
D19



10 AXLE

- For Weights up to 110,000 lbs.

D20

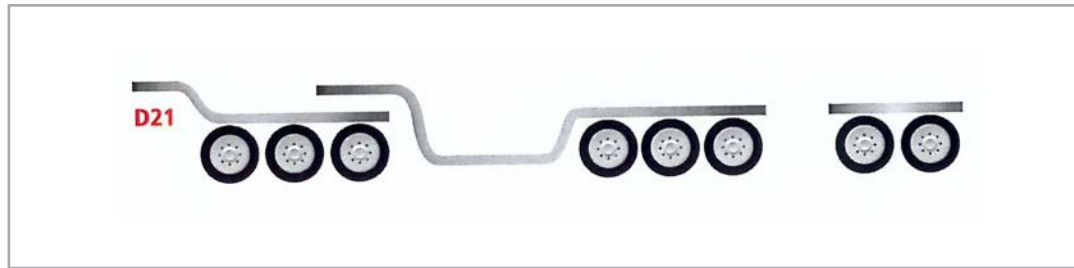


11 AXLE

- For Weights up to 135,000 lbs.

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

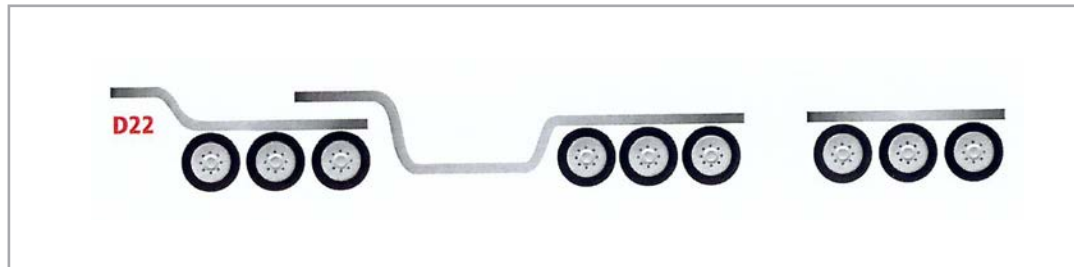
D21



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**