

NATIONAL SEMI-TRAILER CORP.
48' Double Drop Flat Bed with Detachable Front Platform
Weight 16,178 +/- 3%

Design Information:

Length / Width: 48 feet / 102 inches

Frame Rating: 40 Tons in 16 ft. of length – GAWR and tire ratings determine legal payloads.

Load Base - Sixteen foot rigid 2 point load centered in deck. Framework – All main longitudinal members fabricated with 100,000# minimum yield steel flanges with 50,000# webs.

Gooseneck (Front Platform):

Design: Mechanical removable with fifth wheel guide rollers.

Platform: Full width gooseneck platform with 1 1/8" apitong floor.

Loaded Fifth Wheel Height: combination figure eight plate which provides 50 in. and 52 in. loaded.

Swing Radius: 81 in. (9' 10" overall gooseneck length)

Electrical Receptacle: J560 seven pin connector.

Gooseneck Fenders: Aluminum fenders at rear of gooseneck.

Deck:

Deck Design: Flat level deck.

Length: 29 feet 0 inches clear deck length

Loaded Deck Height: Deck – 20 inches Clearance – 6 inches

Crossmembers: On 12" centers.

Flooring: 1 3/8" apitong floor, full width.

Front Bogie Ramp: Stoped steel bogie ramp, full width.

Extension Brackets: (14) pair (28 total) removable swing type and (1) pair (2 total) removable hook on type.

Bogie:

Number of Axles: 2

Axle Capacity: 25,000# Nominal capacity each.

Axle Spread: 54 ½" (between axles)

Brakes: 16 ½" x 7" with 5.5" auto slacks. Heavy duty outboard brake drums.

Suspension: Air ride with automatic control.

Tires & Wheels: 255/70R22.5 mounted on hub piloted 8.25 x 22.5 steel rims.

Covered Rear Bogie: Bogie platform with 1 1/8" apitong floor.

Rear Bogie Height: 39 ½"

Flip Axle: Includes connections for future third axle with air and electrical connections.

Bumper: Three tail light package

General Information:

Electrical System: DOT sealed beam and harness with LED lights.

Marker Lights: Seven marker lights per side including mid turn.

ABS: 2S / 2M system without diagnostic tool and cable.

Lash Rings: Nine pair (18 in total)

Flag Holders: Three pair.