

SPECIFICATIONS

3 Axle Removable Neck Trailer

Model: D50-OF

Type: Low Profile Level Deck/ Removable Neck.

Payload: 50 tons (100,000 lb) concentrated in 16 ft.

Overall length: 56'-7"

Deck length: 42'-0"

Deck width: 8' - 6" (102")

Deck height: 3' - 5" (41")

Deck camber: 1-1/2" nominal, neck to first axle.

King Pin settings: 16" and 34"

Swing Clearance: 8' - 6" (102") and 10' - 0" (120").

Frame: 4 beam design. Fabricated beams from a A514 T-1 high tensile steel flanges and webs.

Main beams boxed reinforced at critical deck transition, 2-1 minimum safety factor at maximum payload stresses.

Front Deck: 27'-9" L, 2" apitong attached at ends and every other crossmember.

Rear Deck: 14' - 3" L including tail roller, 1/4" steel plate deck, continuous welds on top, intermittent welds on under side.

Neck: Mechanical removable with roller at rear, 2 King Pin locations, spare tire carrier each side (spare tires optional)

Rear Deck Roller: 8" SCH 160 pipe (8 5/8" OD) with double spherical bearings, 2 sets of over load rollers, grease fittings on main roller and overload rollers.

Neck Roller: 6" SCH 160 pipe (6-5/8" OD) with double spherical bearings, grease fittings, cable guide flanges.

Deck Load Rollers: 6" sch 160 pipe (6-5/8" OD) with double spherical bearings, grease fittings, air operated to raise, spring load to lower, used to assist in unloading skidded loads off the rear.

Pin Pockets: 1 each side at rear on 45 degree angle with 1/2" grab hooks, (2) 3" id each side in main deck inside outer beam, 6 each side on outside of outer beam.

D Rings: 16 on each side, outside of outer beam, 2 inside of neck.

Outriggers: 13 each side, forged heavy duty, locking against beam and at 90 degrees to beam

Traction Cleats: 3/4" x 1" A514 T-1 steel, continuous welds solid on up hilltop, intermittent welds on downhill side.



Suspension: 30,000 lb (per axle) air ride, air lift on front axles, manual dump all axles, travel limit straps on all axles.

Axles: 3 - 25,000 lb round with outboard drums.

Wheels: 10 hole steel disc hub pilot.

Tires: 255R/70 x 22.5 Radial

Brakes: 16 1/2 x 7, spring parking brakes on 3 axles, auto slack adjusters

Bumper: 4" SCH 80 pipe with 4 - d rings

Mud Flaps: Anti Sail

Lights: Full dot lights, sealed led lights.

Coating: All surfaces near white metal steel grit blast, 2.5 Mil profile (SP-6), primed and color coated (before decking) with high solids polyurethane, 4-6 mil dry film thickness.



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