



# DRAGON

## 5 Axle Removable Neck Heavy Haul Trailer



### SPECIFICATIONS:

- Type: Low Profile Flat Bed with removable neck.
- Payload: 60 tons (120,000 lbs.) distributed over 16 ft.
- Overall length: 59' – 8"
- Deck length: 45' – 0"
- Deck width: 8' – 6" (102")
- Deck height: 3' – 5" (41")



[tanktrailer.sales@modernusa.com](mailto:tanktrailer.sales@modernusa.com) • [www.dragonproductsltd.com](http://www.dragonproductsltd.com) • 877-231-8198

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# 60 Ton 5 Axle Heavy Haul Trailer



- **Deck Camber:** 2" nominal, neck to tail
- **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:** 22' -8" L, 2" apitong attached at ends and every other cross member
- **Rear Deck:** 22' -4" 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
- **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 each side in main deck inside outer beam, 7 each side on outside of outer beam
- **D Rings:** 15 on each side, outside of outer beam, 2 inside of neck
- **Outriggers:** 11 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 and rear axles, manual dump all axles, travel limit straps on all axles
- **Axles:** 5-25,000 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 4 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 ml profile (SP-6), primed and color coated (before decking) with high solids polyurethane, 4-6 ml dry film thickness



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