

HALE

TRAILER


BRAKE & WHEEL

A034887-A034890
VIN: 240287-240290



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ITEM	DESCRIPTION
TYPE APPLICATION	SEMI-TRAILER, STEEL PLATFORM. GALVANIZED SEE SECTION
DIMENSIONS	
LENGTH	53'-0"
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 60" high at front and 54" at rear.
COUPLING	
COUPLER PLATE	3/8", plug welded structure.
KING PIN LOCATION	30" from front.
COUPLER HEIGHT	48".
STRUCTURE	Frame with "CAMBER".
FLANGES	1/2" x 6", 100 000 psi steel.
WEB	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel. 26" high at the peak with holes, parachute shaped, to lighten trailer.
GOOSENECK	11 1/4" high, with integrated nose ramp and 48" straight behind king pin.
CROSSMEMBERS	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, 12" centre to centre, installed with stiffeners angle.
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
FLOOR FASTENING	Two screws per board at each crossmember. (With galvanized flatbed or crossmembers)
SIDE RAILS	6" channel @ 8.2 lbs/ft.
SIDE BOXES	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high. (USA Dimensions).
RUB RAILS	3/8" x 2 1/2" shaped steel.
CORNERS	Bevelled.
X BRACES	Between main beams, full length.
SPACERS FOR RUB RAILS	Double between side boxes.
ENDS	
FRONT RAIL BUMPER	9 gauge formed steel, bolted to frame. CMVSS 223-RIG approved (in accordance with Canada & USA regulations). Uprights integrated with frames, 4" x 4" cross bar roll formed tubing at a maximum height of 22" from under tubing to ground.
BUMPER	Aluminum plate, bolted between bumper uprights to close rear.
HEADBOARD	48" high, galvanized steel (G164), 4 uprights and top made of tubing and 10 gauge steel plate installed inside with retroreflective tapes. (this bulkhead is NOT D.O.T.)
POCKETS	2 bolted galvanised pockets at front for removable headboard.
REAR RAIL	11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2" shaped steel, bolted to frame.
ELECTRICAL	
FRONT CONNECTOR	7 way (SAE J560), Phillips brand.
ELECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
MAIN SYSTEM	Grote Ultra Blue LED, sealed beams, (tail lights with male pins #54332,



ITEM	DESCRIPTION
TURN SIGNAL	markers #47122, 47233 (2 1/2" dia.), licence light #60280-M). Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
LANDING GEAR SAND SHOES CRANK	Holland, Mark V (LGS-4F010), with mounting plate, full galvanized. 18" x 18, galvanized. Road side.
BOGIE	
BASIC SUSPENSION	
BOGIE	Fixed.
SUSPENSION	Hendrickson INTRAAX AAT-25K, tridem, 60" spread. N.B.: Wingless suspension bracket. For axles with bearings HM 518445.
LIFT SUSPENSION	Hendrickson HT-250T, with Manac lift. located at 109".
SPRINGS	Air.
AXLE(S)	LDA, 5 3/4" diameter, 25 000 lbs. capacity.
LIFT AXLE(S)	Dexter "Smart-steer" self steering, 21 400 lbs. capacity. (With bearings 518445).
SPIDERS	Welded.
CAM SHAFTS	10" long, 28 splines with enclosures.
LIFT AXLE CAM SHAFTS	9 3/4" long, 28 splines.
TRACK	77 1/2".
LIFT AXLE TRACK	84"
DUST SHIELDS	Steel, clamped.
LIFT AXLE DUST SHIELDS	Steel, bolted.
BRAKES	16 1/2" standard, long life H23-HXS Hendrickson lining.
LIFT AXLE BRAKES	16 1/2" standard, IMT23XL Dexter extended life lining.
BEARINGS	HM 518445.
LIFT AXLE BEARINGS	HM 518445.
SLACK ADJUSTERS	TSE S-ASA, automatic, 28 splines.
LIFT AXLE SLACK ADJUSTERS	Motor Wheel (ABA), automatic, 28 splines.
SEALS	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
LIFT AXLE SEALS	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
BRAKE CHAMBERS	T.S.E. brake, "Omnibrake" (30-30), (push rod 9 3/4"). (4 years warranty by T.S.E. for parts only).
LIFT AXLE BRAKE CHAMBERS	T.S.E. brake, "Omnibrake" (30-30). (4 years warranty by T.S.E. for parts only).
HUBS AND DRUMS	WEBB, 10 studs disc hubs, balanced drums 104.5 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium wheels.
HUBS AND DRUMS LIFT AXLE	WEBB, 10 stud disc hubs, balanced drums 104.5 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual steel wheels or single wheels.
RIMS	Alcoa, aluminum, "ULTRA ONE", half inside polished (Dura-Bright) and half "ULTRA ONE", 24.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts.
RIMS LIFT AXLE	Alcoa, aluminum, "LvL ONE" finish, 22.5 x 12.25, disc (10 holes), reversible, 285.75mm B.C., single flange nuts.



ITEM	DESCRIPTION
SPACERS	Wheel guard 10 holes. Located between the inside wheel and the drum and between two wheels.
SPACERS LIFT AXLE	Wheel guard 10 holes. Located between the inside wheel and the drum.
TIRES TIRES LIFT AXLE ALIGNMENT	Continental, 11 R 24.5 HSR-2 16 ply (43.5") Continental, 385/65 R 22.5 HYBRID HT3+ 20 ply (41.9") Lazer, 4 axles (tridem + self steering).
AIR SYSTEM GLAD HANDS AIR VALVES VALVE(S) CONTROL VALVE CONTROL BOX	Fixed. Meritor Wabco, IABS, 2 sensors 1 modulator. Quick and brake release valves on for steering axle located at 109", with automatic pressure regulator. Double, for steering axle, manual, located in control box and electronically activated when backing up. Captor is located on lead axle of the tridem, road side. Manual blow down valve in a control box, WITHOUT auto-reset feature, including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table. Stainless steel
ACCESSORIES REGISTRATION HOLDER WINCHES SLIDING TRACK MUD FLAPS RACK RACK	One plastic, Betts-PS-1 or equivalent. Qty: 12, ANCRA #49207-137-XZ, zinc plated slider (5 7/8"). Full length, "LL" extruded aluminum, road side. One set, rubber with Manac logo and vertical grooves to reduce spray. Made of 1/4" formed aluminum plate, *** 78 **** inside net, bolted to web and crossmembers. Located at: ROADSIDE BEHIND LG Made of 1/4" formed aluminum plate, 98" inside net, bolted to web and crossmembers. Located at: C/S BEHIND LG
FINISHING PAINT AXLE(S) PAINTED LIFT AXLE(S) PAINTED HUBS WHEELS OR RIMS RETROREFLECTIVE TAPES SERIAL PLATE	Ready for Galvanized platform. Same color as trailer. Same color as trailer. Same color as trailer. Natural. Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar. V.I.N. plate to be stick on an aluminum plate riveted on the frame. (it doesn't stick on galvanized steel)
ADDITIONAL OPTIONS	estimated weight is 18,614 LBS +/- 3% Please note that Manac reserves the right, upon reasonable notice and prior to the delivery date, to adjust the quoted prices of this contract which are impacted by an increase in the cost of raw materials or components, or by any increase in tariffs and any addition or increase in direct or indirect taxes. The contracts price so adjusted by Manac will bind the



ITEM	DESCRIPTION
	parties.
GALVANIZED CHOICES PLATFORM CROSSMEMBERS FRONT RAIL SIDE RAILS REAR RAIL BUMPER	Galvanized choices. Galvanized platform. (no paint) ** WARNING: holes parachute shaped required for dripping ** included included included included included

CONFORMITY This semi-trailer does not comply with GHG regulations. Should GHG regulations come into force prior to the production of the trailer(s), Manac will have the obligation to ensure the trailer(s) produced meet minimum GHG guidelines. Any modifications required to meet the GHG regulations will be added to the initial purchase price and charged back to the customer.

DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical.
Equipment availability, prices and specifications are subject to change without notice.