

HALE

TRAILER

BRAKE & WHEEL

A035481-A035492
VIN: S034228-S034239



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ITEM	DESCRIPTION
TYPE	TELESCOPIC SEMI-TRAILER, STEEL PLATFORM.
DIMENSIONS	
LENGTH	53'-0" closed.
LENGTH	90'-0" open
OPENINGS	Located at 53', 58', 63', 68', 73',78',83' and 90'
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 61 1/4" high at front and 58" at rear.
COUPLING	
COUPLER PLATE	3/8", plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	49".
STRUCTURE	Frame with "CAMBER".
FLANGES	Female section, (exterior), 3/8" x 6", 100 000 psi steel, 24" high.
FLANGES	Male section (interior), 3/4" x 6", 60 000 psi steel, 17 5/8" high.
WEB	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel.
GOOSENECK	12" high, with integrated nose ramp and 48" straight behind king pin.
CROSSMEMBERS	1 beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, 12" centre to centre.
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
FLOOR FASTENING	Two screws per board at each crossmember.
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.
DIAGONAL BRACES	2" x 2" x 3/16" angles, welded in web and to a crossmember, located each side.
X BRACES	Between main beams, full length, sheet metal with cutting holes at front and rear between male main beams.
LOCKS	Air operated with a third glad hand at front.
ROLLERS	4, 2 on female sections of frames and 2 on male sections.
SPACERS FOR RUB RAILS	Double between side boxes.
ENDS	
FRONT RAIL	9 gauge formed steel.
BUMPER	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.
POCKETS	2 welded 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.
ELECTRICAL	
FRONT CONNECTOR	7 way (SAE J560), Phillips brand.
ELECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.



ITEM	DESCRIPTION
MAIN SYSTEM TURN SIGNAL REAR ADD. CONNECTOR STROBE LIGHTS TAIL LIGHTS	Grote Ultra Blue LED, grounded to front connector, sealed beams Grote. (tail lights with male pins #54332, markers #47122, 47233 (2 1/2" dia.), licence light #60280-M, with vapor proof junction box Truck-Lite #50400). Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber. 4 way. Sealed beams (Grote LED #77353 strobe) amber. Qty: (1) each side. toggle switch installed: REAR Sealed beams (Grote DEL #54332) red. Qty: 1 additional each side. From outside, tail lights and flasher, flasher with parking, brake with parking. TIREMAAX warning lamp installed on road side front rail.
LANDING GEAR SAND SHOES CRANK	Holland, Mark V (LGS-4F010), with mounting plate, full galvanized. 18" x 18" galvanized, solid axles. Road side.
BOGIE BASIC SUSPENSION BOGIE SUSPENSION U-BOLTS SPRINGS AXLE(S) SPIDERS CAM SHAFTS TRACK DUST SHIELDS BRAKES BEARINGS SLACK ADJUSTERS SEALS BRAKE CHAMBERS HUBS AND DRUMS RIMS TIRES MANUAL STOP BAR(S)	Slider, air ride suspension, tridem, 60" spread. Bogie tubing frame for suspension with 9" mounting height. (96" travel) Legal Canada-USA, (applicable for 53'telescopic) Hendrickson HT-250US (9), tridem, 60" spread. (Use only with slider bogie) With nuts at bottom. Air. Meritor, TQ 467_L/TQ 867_L, 21 900 lbs. capacity. Welded. 28 splines with enclosures, for Meritor axles. 77 1/2". Steel, bolted. 16 1/2" standard, FRAS-LE MA212Q+ extended life lining. HM 218248 and HM 212049. Meritor, automatic, 28 splines. Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90. T.S.E. brake, "Omnibrake" (30-30). (4 years warranty by T.S.E. for parts only). 10 studs disc hubs, outboard mount, 285.75mm B.C., single flange nuts. For dual steel wheels or single wheels. 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes. Standard duty with standard steel. Continental, 11 R 22.5 HT3 ECO-PLUS 14 ply (41.2") Two, Manac heavy duty, 1 5/8" diameter, galvanized.
AIR SYSTEM GLAD HANDS AIR VALVES	Aluminum air tank. Tridem. Fixed, filter on the third glad hand at front. Meritor Wabco, IABS, 2 sensors 1 modulator.



ITEM	DESCRIPTION
VALVE	(2) Fast-brake kit.
VALVE	Automatic blow down valve in a control box, including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table.
CONTROL BOX	Stainless steel
AUTOMATIC TIRE INFLATION	Automatic Tire inflation System Hendrickson Tiremaax PRO. Axles preparation included, dressed axles HN/HP or disc brake. *** Maximum allowable tire pressure for this device is 120psi *** (tridem application, Hendrickson axles, dual tires)
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
WINCHES	Qty: 12, ANCRA #49207-137-XZ, zinc plated slider (5 7/8").
SLIDING TRACK	Full length, "LL" extruded aluminum, road side.
MUD FLAPS	One set, rubber with Manac logo and vertical grooves to reduce spray.
FINISHING	
PAINT	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats Color: black, code: PPG AU37-FP908.
PAINT	**Zinc** primer instead of epoxy primer.
BOGIE	Color: Black, code: PPG AU37-FP908
AXLE(S) PAINTED	Color: Black, code: PPG AU37-FP908
HUBS	Black.
WHEELS OR RIMS	White.
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar.
ADDITIONAL OPTIONS	
	same as U#236596
	Estimated weight is 21,517 LBS
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.