

HALE TRAILER

BRAKE & WHEEL

A035958-A035960

VIN: #S034699-S034701



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ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
DIMENSIONS	According to the loading model provided by Manac engineers and only this one, structural capacity can support 80,000 LBS when open. Please note, this does not concern mechanical parts and they would be overloaded in such a case.
LENGTH	53'-0" closed.
LENGTH	71'-0" opened.
OPENINGS	5'-0" increments in closed position.
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 61" high at front and 34" at the bumper.
DROP HEIGHT	25", located at 10'-6" from front.
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, 1/2" x 6", 100 000 psi steel, 24" high.
FLANGES	Male section (interior), 3/4" x 6", 60 000 psi steel, 17 5/8" high and 13 1/2" above suspension.
WEB	1/4" plate full length, 80 000 psi steel.
GOOSENECK	12 1/4" high, 48" straight behind king pin.
CROSSMEMBERS	1 beams 4" @ 3.64 lbs/ft 80 000 psi steel. 12" center to center in gooseneck and the remaining 12" c/c on lower deck.
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.
FENDERS	Over tires at rear, checker plate 1/8".
DIAGONAL BRACES	2" x 2" x 3/16" angles, ** bolted ** in web and to crossmember, located each side.
LOCKS	Air operated with a third glad hand at front.
ROLLERS	4, 2 on female sections of frames and 2 on male sections.
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.
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.
ELECTRICAL	
FRONT CONNECTOR	7 way (SAE J560), Phillips brand.



ITEM	DESCRIPTION
ELECTRICAL SYSTEM MAIN SYSTEM TURN SIGNAL REAR ADD. CONNECTOR STROBE LIGHTS TAIL LIGHTS	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. Grote Ultra Blue LED, 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.
LANDING GEAR SAND SHOES CRANK	Holland, Mark V (LGS-4F115), with mounting plate. 10" x 11 1/2". Road side.
BOGIE BASIC SUSPENSION BOGIE SUSPENSION LIFT DEVICE U-BOLTS SPRINGS AXLE(S) SPIDERS CAM SHAFTS TRACK DUST SHIELDS BRAKES BEARINGS SLACK ADJUSTERS SEALS BRAKE CHAMBERS HUBS AND DRUMS RIMS TIRES	Fixed. Hendrickson HT-250US (6.5), tandem, 60" spread. *** CAL Legal w/ rear axle lifted *** Hendrickson HT-250US (6.5) with Manac center lift. Located at 60" rear of tandem. Controled manually. *** Only 1 1/2" of clearance from the ground if used at rear. *** *** NO WARRANTY ON THE TIRES NOR GROUND AXLES, (FLAT SPOT) *** With nuts at bottom. Air. Hendrickson, HN-S50H, 20 000 lbs. capacity. Welded. 28 splines. 77 1/2". None. 12 1/4" standard, long life H20-HXS Hendrickson lining. HM 218248 and HM 212049. Haldex S-ABA, automatic, curved, 28 splines, (6"). *** Stemco, "Platinum Performance System". Including "Guardian seals, Pro-Torq spindle nuts, Integrated Sentinal hub caps with Synthetic oil, Mobil Delvac 75W-90. T.S.E. brake, "Omnibrake" (30-30), long stroke. (4 years warranty by T.S.E. for parts only). WEBB, 8 studs disc hubs, drums 93 lbs, outboard mount, 275mm B.C., single flange nuts. For dual steel wheels or single wheels. 17.5 x 6.75, disc (8 holes), 275mm B.C., single flange nuts, 4 hand holes. Continental, 235/75 R 17.5 HTL-2 ECO-PLUS 18 ply (31.6")
AIR SYSTEM GLAD HANDS	Fixed, filter on the third glad hand at front.



ITEM	DESCRIPTION
AIR VALVES VALVE(S) VALVE CONTROL BOX VALVE	Meritor Wabco, IABS, 2 sensors 1 modulator. Fast-brake kit. Manual blow down valve in a control box, with auto-reset feature, including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table. Stainless steel Quick and brake release valves on air lift.
ACCESSORIES REGISTRATION HOLDER WINCHES SLIDING TRACK MUD FLAPS EXTRA MUD FLAPS	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. Qty: 2, rubber. Located: 1 at front of landing gear in between main frames, to protect the hoses coil, and 1 at front of suspension in between main frames, to protect air boosters.
FINISHING PAINT PAINT AXLE(S) PAINTED HUBS WHEELS OR RIMS RETROREFLECTIVE TAPES	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats Color: black, code: PPG AU37-FP908. **Zinc** primer instead of epoxy primer. Same color as trailer. *** black *** Same color as trailer. *** black *** Powder top coat white. 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#236085 Estimated weight is 18,303 LBS +/- 3%
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.