

# HALE TRAILER




BRAKE & WHEEL

A035955-A035957  
VIN: S034696-S034698



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ITEM	DESCRIPTION
<b>TYPE</b>	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
<b>DIMENSIONS</b>	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.
<b>LENGTH</b>	53'-0" closed.
<b>LENGTH OPENINGS</b>	71'-0" opened.
<b>WIDTH</b>	5'-0" increments in closed position.
<b>HEIGHT</b>	102", 97" between side rails.
<b>DROP HEIGHT</b>	Floor, approximately 61" high at front and 34" at the bumper. 25", located at 10'-6" from front.
<b>COUPLING</b>	
<b>COUPLER PLATE</b>	3/8", plug welded structure.
<b>KING PIN LOCATION</b>	18" from front.
<b>COUPLER HEIGHT</b>	49".
<b>STRUCTURE</b>	Frame with "CAMBER".
<b>FLANGES</b>	Female section, exterior, 1/2" x 6", 100 000 psi steel, 24" high.
<b>FLANGES</b>	Male section (interior), 3/4" x 6", 60 000 psi steel, 17 5/8" high and 13 1/2" above suspension.
<b>WEB</b>	1/4" plate full length, 80 000 psi steel.
<b>GOOSENECK</b>	12 1/4" high, 48" straight behind king pin.
<b>CROSSMEMBERS</b>	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, galvanized. Bolted, 12" c/c. (for bolted construction)
<b>FLOOR</b>	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
<b>FLOOR FASTENING</b>	Two screws per board at each crossmember. (With galvanized flatbed or crossmembers)
<b>SIDE RAILS</b>	Galvanized 10 gauge shaped 80 000 psi steel, 5" width x 5 11/16" high. 3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high, (USA Dimensions). Galvanized front and rear bolted sills.
<b>SIDE BOXES</b>	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high. (USA Dimensions).
<b>RUB RAILS</b>	3/8" x 2 1/2" shaped steel.
<b>CORNERS</b>	Bevelled.
<b>FENDERS</b>	Over tires at rear, checker plate 1/8".
<b>DIAGONAL BRACES</b>	2" x 2" x 3/16" angles, ** bolted ** in web and to crossmember, located each side.
<b>LOCKS</b>	Air operated with a third glad hand at front.
<b>ROLLERS</b>	4, 2 on female sections of frames and 2 on male sections.
<b>ENDS</b>	
<b>FRONT RAIL</b>	Formed steel 1/4".
<b>BUMPER</b>	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.
<b>POCKETS</b>	2 bolted galvanised pockets at front for removable headboard.
<b>REAR RAIL</b>	11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2" shaped steel.



ITEM	DESCRIPTION
<b>ELECTRICAL</b> <b>FRONT CONNECTOR</b> <b>ELECTRICAL SYSTEM</b> <b>MAIN SYSTEM</b>  <b>TURN SIGNAL</b>  <b>REAR ADD. CONNECTOR</b> <b>STROBE LIGHTS</b>  <b>TAIL LIGHTS</b>	7 way (SAE J560), Phillips brand. 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 additionnal each side. From outside, tail lights and flasher, flasher with parking, brake with parking.
<b>LANDING GEAR</b> <b>SAND SHOES</b> <b>CRANK</b>	Holland, Mark V (LGH-4F010), heavy duty, with mounting plate, full galvanized 18" x 18". Galvanized. Road side.
<b>BOGIE</b> <b>BASIC SUSPENSION</b> <b>BOGIE</b> <b>SUSPENSION</b> <b>LIFT DEVICE</b>  <b>U-BOLTS</b> <b>SPRINGS</b> <b>AXLE(S)</b> <b>SPIDERS</b> <b>CAM SHAFTS</b> <b>TRACK</b> <b>DUST SHIELDS</b> <b>BRAKES</b> <b>BEARINGS</b> <b>SLACK ADJUSTERS</b> <b>SEALS</b>  <b>BRAKE CHAMBERS</b>  <b>HUBS AND DRUMS</b>  <b>RIMS</b>  <b>TIRES</b>	Fixed. Hendrickson HT-250US (6.5), tandem, 60" spread. 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")
<b>AIR SYSTEM</b>	



ITEM	DESCRIPTION
<b>GLAD HANDS</b> <b>AIR VALVES</b> <b>VALVE(S)</b> <b>VALVE</b>  <b>CONTROL BOX</b> <b>VALVE</b>	Fixed, filter on the third glad hand at front. 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.
<b>ACCESSORIES</b> <b>REGISTRATION HOLDER</b> <b>WINCHES</b> <b>SLIDING TRACK</b> <b>MUD FLAPS</b> <b>EXTRA MUD FLAPS</b>	One plastic, Betts-PS-1 or equivalent. Qty: 12, ANCRE #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.
<b>FINISHING</b> <b>PAINT</b> <b>AXLE(S) PAINTED</b> <b>HUBS</b> <b>WHEELS OR RIMS</b> <b>RETROREFLECTIVE TAPES</b>  <b>SERIAL PLATE</b>	Galvanized platform. (no paint) Color: grey, code: PPG Q37-939514. Same color as trailer. 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. V.I.N. plate to be stick on an aluminum plate riveted on the frame. (it doesn't stick on galvanized steel)
<b>ADDITIONAL OPTIONS</b>	same as U#236092 Estimated weight is 20,005 LBS +/- 3%
<b>CONFORMITY</b>	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.