

HALE TRAILER

BRAKE & WHEEL

A020137-A020139
VIN: 229499-229501



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ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
DIMENSIONS	
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	26", 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, 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 and 16 1/2" above suspension.
WEB	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel.
GOOSENECK	12 1/4" high, 48" straight behind king pin.
CROSSMEMBERS	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, galvanized, 12" c/c. (for bolted construction)
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
FLOOR FASTENING	Two screws per board at each crossmember.
SIDE RAILS	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.
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, welded in web and to a 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.
STRUCTURE	1/4" steel rod welded at a flange to attach electrical harness and air lines.
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	



ITEM	DESCRIPTION
FRONT CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM TURN SIGNAL REAR ADD. CONNECTOR STROBE LIGHTS SWITCH	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. (2), installed (1) on each side, (Grote 77353 amber) (stainless steel rings) Sealed, to activate strobe lights, installed **IN CONTROL BOX**
LANDING GEAR SAND SHOES CRANK	Holland, Mark V (LGS-4F115), with mounting plate, galvanized. 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 ALIGNMENT	Fixed. Hendrickson HT-250US (6.5), tandem, 60" spread. Hendrickson HT-250US (6.5) with Manac center lift. located at 60" rear of tandem ***controlled 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. AXN, TA250T, 20 000 lbs. capacity. Welded. 28 splines. 77 1/2". None. 12 1/4" standard, AXN R23 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 sentinel hub caps with Synthetic oil, Mobil Delvac 75W-90. (3 year warranty by Stemco for parts only). 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") Laser, 3 axles (tridem).
AIR SYSTEM GLAD HANDS AIR VALVES	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator.



ITEM	DESCRIPTION
VALVE(S) VALVE CONTROL BOX VALVE	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, KINEDYNE #1020SV, silver painted 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 roller and 1 at front of suspension in between main frames, to protect air boosters.
FINISHING PAINT AXLE(S) PAINTED HUBS WHEELS OR RIMS RETROREFLECTIVE TAPES PAINT	Galvanized plateform. (no paint) Color: Grey, code PPG Q37-939514 Color: Grey, code PPG Q37-939514 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.
ADDITIONAL OPTIONS R	REF U#216281 Due to the deep backlogs, material/component availability, price fluctuation and transportation costs, Manac reserves the right to adjust the price based these instabilities. If needed, Manac will contact the dealer or customer app 3 months prior to assembly with revised pricing, or a change in components. At that time, the customer will have the option to accept the change or cancel This will prevent and any possible cancellation fees from our suppliers.
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.