

# HALE

## TRAILER

### BRAKE & WHEEL

A024707-A024715



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ITEM	DESCRIPTION
<b>TYPE</b>	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
<b>DIMENSIONS</b>	*** TRAILER RATED 50 TON FULLY OPEN, SELF-SUPPORTING LOAD. TRAILER NEEDS MUST BE LOADED PROPERLY ***
<b>LENGTH</b>	53'-0" closed.
<b>LENGTH OPENINGS</b>	71'-0" opened. *** (78" OVERLAP) ***
<b>WIDTH</b>	5'-0" increments in closed position.
<b>HEIGHT</b>	102", 97" between side rails.
<b>DROP HEIGHT</b>	Floor, approximately 62 1/2" high at front and 41 1/2" at the bumper. 22", located at *** 11'-6" *** from front.
<b>COUPLING</b>	
<b>COUPLER PLATE</b>	1/2", plug welded structure.
<b>KING PIN LOCATION</b>	18" from front.
<b>COUPLER HEIGHT</b>	50".
<b>STRUCTURE</b>	Frame with "CAMBER".
<b>FLANGES</b>	Female section, exterior, 1/2" x 6", 100 000 psi steel, 24" high. ***minimum of 78" overlap***
<b>FLANGES</b>	Male section (interior), 3/4" x 6", 60 000 psi steel, 17 5/8" high and 16 1/2" above suspension.
<b>WEB</b>	1/4", 80 000 psi full length.
<b>GOOSENECK</b>	12 1/4" high, with 54" straight behind king pin.
<b>CROSSMEMBERS</b>	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel. 16" center to center in gooseneck and the remaining 12" c/c.
<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.
<b>SIDE RAILS</b>	6" channel @ 8.2 lbs/ft.
<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, welded in web and to a 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>	Steel.
<b>BUMPER</b>	Bracing for a ***flip-up axle*** and (1) rubber dock at top front Same as U#229806
<b>BUMPER</b>	



ITEM	DESCRIPTION
<b>ELECTRICAL</b> <b>FRONT CONNECTOR</b> <b>ELECTRICAL SYSTEM</b> <b>MAIN SYSTEM</b>  <b>TURN SIGNAL</b>  <b>REAR CONNECTOR</b> <b>REAR ADD. CONNECTOR</b> <b>STROBE 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. 7 ways, SAE J560, for a pin on axle. 4 way. Sealed beams (Grote LED #77353 strobe)amber. (Rubber grommet) Qty: (1) each side. toggle switch installed: IN THE CONTROL BOX
<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 mud feet, solid axles. 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>SPACERS</b>	Fixed. Hendrickson HT-250US (6.5), tandem, 60" spread. Spread need to be as same as U#229806 last axle 36" from rear 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. Hendrickson, HP-S506, 27 000 lbs. capacity. Welded. 28 splines. 77 1/2". None (Hendrickson axles). 16 1/2" standard, long life H26-HXS Hendrickson lining. HM518445 Meritor, automatic, 28 splines. 6" long. Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90. T.S.E. brake, "Omnibrake" (30-30), long stroke. (4 years warranty by T.S.E. for parts only). WEBB, 10 studs disc hubs, balanced drums 117 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium. (Heavy duty 25000 lbs cap.) (Bearings HP). Alcoa, aluminum, half "ULTRA ONE vHub" and half steel. 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts. Standard duty with light steel. Wheel guard 10 holes. Located between the inside wheel and the drum and



ITEM	DESCRIPTION
<b>TIRES</b> <b>R</b>	between two wheels. Continental, 275/70 R 22.5 HSR2 SA 18 ply (38.0") *** GAWR 25000 LBS needed for 119001 GVWR***
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed.
<b>AIR VALVES</b>	Meritor Wabco, ABS, 2 sensors 1 modulator.
<b>VALVE(S)</b>	Fast-brake kit.
<b>VALVE</b>	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.
<b>VALVE</b>	Quick and brake release valves on air lift.
<b>CONTROL BOX</b>	Stainless steel Air system for a pin on axle.
<b>ACCESSORIES</b>	
<b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.
<b>WINCHES</b>	Qty: 12, ANCRE #49207-137-XZ, zinc plated slider (5 7/8").
<b>SLIDING TRACK</b>	Full length, "LL" extruded aluminum, road side.
<b>MUD FLAPS</b>	One set, rubber with Manac logo and vertical grooves to reduce spray.
<b>EXTRA MUD FLAPS</b>	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.
<b>FINISHING</b>	
<b>PAINT</b>	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats Color: black, code: PPG AU37-FP908.
<b>AXLE(S) PAINTED</b>	Color: Black, code:PPG AU37-FP908
<b>HUBS</b>	Color: Black, code:PPG AU37-FP908
<b>WHEELS OR RIMS</b>	White.
<b>RETROREFLECTIVE TAPES</b>	Conspicuity striping in compliance with CMVSS 108. Gray and red, each side, fully covers rear sill and horizontal underride protection bar.
<b>ADDITIONAL OPTIONS</b>	*** same as U#232303 *** Estimated empty weight is 19,619 LBS +/- 3% NOTE: The only loading pattern which is allowed for 100 000 LBS FULLY OPEN SELF-SUPPORTING LOAD IS: Tridem drive tractor with 55 ft load (GC at 27.5 ft) if flip axle is not used. Any other loading pattern generates an overload on mechanical components on the trailer or on tractor drive.
<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.