

# HALE

## TRAILER

### BRAKE & WHEEL

A024905-A024919  
VIN: S023945-S023959



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ITEM	DESCRIPTION
<b>TYPE</b>	TELESCOPIC SEMI-TRAILER, STEEL PLATFORM.
<b>DIMENSIONS</b>	
<b>LENGTH</b>	48'-0" closed.
<b>LENGTH</b>	80'-0" opened.
<b>OPENINGS</b>	5'-0" increments in closed position.
<b>WIDTH</b>	102", 97" between side rails.
<b>HEIGHT</b>	Floor, approximately 61 1/4" high at front and 58" at rear.
<b>COUPLING</b>	
<b>COUPLER PLATE</b>	5/16", plug welded structure.
<b>KING PIN LOCATION</b>	24" from front.
<b>COUPLER HEIGHT</b>	49".
<b>STRUCTURE</b>	Frame with "CAMBER".
<b>FLANGES</b>	Female section, (exterior), 3/8" x 6", 100 000 psi steel, 24" high.
<b>FLANGES</b>	Male section (interior), 1/2" x 6", 100 000 psi steel, 17 5/8" high. (For tandem suspension Only)
<b>WEB</b>	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel.
<b>GOOSENECK</b>	12" high, with integrated nose ramp and 48" straight behind king pin.
<b>CROSSMEMBERS</b>	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, galvanized, 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.
<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>DIAGONAL BRACES</b>	2" x 2" x 3/16" angles, **bolted** in web and to a crossmember,
<b>X BRACES</b>	Between main beams, full length, sheet metal with cutting holes at front and rear between male main beams.
<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>SPACERS FOR RUB RAILS</b>	Double between side boxes.
<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>BUMPER</b>	Aluminum plate, bolted between bumper uprights to close rear.
<b>POCKETS</b>	2 welded 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>	7 way (SAE J560), Phillips brand. Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. 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.
<b>LANDING GEAR</b> <b>SAND SHOES</b> <b>CRANK</b>	Holland, Mark V (LGS-4F115), with mounting plate, full galvanized. 10" x 11 1/2". Road side.
<b>BOGIE</b> <b>BASIC SUSPENSION</b> <b>BOGIE</b>  <b>SUSPENSION</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> <b>MANUAL STOP BAR(S)</b>	Slider, Hutch H-9801, "UHMV" slider plastic pads, 4 locking pins, For 49" spread tandem spring suspension. 4" c/c between locating holes, (48" travel). Hutch H-9700, tandem, underslung, under mount, 49" spread. With nuts at bottom. 3 leaves, model TRA 2740 or 365-00, 12 000 lbs capacity. 5" round, 22 500 lbs. capacity. Welded. 28 splines. 77 1/2". Steel, bolted. 16 1/2" standard, 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 light steel. General, 11 R 22.5 HT+                                    14 ply    (41.1") One, Hutch.
<b>AIR SYSTEM</b> <b>GLAD HANDS</b> <b>AIR VALVES</b> <b>VALVE</b>	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator. Fast-brake kit.
<b>ACCESSORIES</b> <b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.



ITEM	DESCRIPTION
<b>WINCHES</b> <b>SLIDING TRACK</b> <b>MUD FLAPS</b>	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.
<b>FINISHING</b> <b>PAINT</b> <b>BOGIE</b> <b>AXLE(S) PAINTED</b> <b>HUBS</b> <b>WHEELS OR RIMS</b> <b>RETROREFLECTIVE TAPES</b>  <b>SERIAL PLATE</b>	Galvanized plateform. (no paint) Bogie painted same color as trailer. Same color as trailer. Same color as trailer. 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#186625 except fully galvanized ESTIMATED EMPTY WEIGHT IS 17,529 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.