

# HALE

## TRAILER

### BRAKE & WHEEL

A035928-A035936  
VIN: S034669-S034677



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ITEM	DESCRIPTION
<b>TYPE</b>	TELESCOPIC SEMI-TRAILER, STEEL PLATFORM.
<b>DIMENSIONS</b>	
LENGTH	48'-0" closed.
LENGTH	80'-0" opened.
OPENINGS	5'-0" increments in closed position.
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 61 1/4" high at front and 58" at rear.
<b>COUPLING</b>	
COUPLER PLATE	5/16", plug welded structure.
KING PIN LOCATION	24" from front.
COUPLER HEIGHT	49".
<b>STRUCTURE</b>	Frame with "CAMBER".
FLANGES	Female section, (exterior), 3/8" x 6", 100 000 psi steel, 24" high.
FLANGES	Male section (interior), 1/2" x 6", 100 000 psi steel, 17 5/8" high. (For tandem suspension Only)
WEB	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel.
GOOSENECK	12" high, with integrated nose ramp and 48" straight behind king pin.
CROSSMEMBERS	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, galvanized. Bolted, 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. (With galvanized flatbed or crossmembers)
SIDE RAILS	Galvanized 10 gauge shaped 80 000 psi steel, 5" width x 5 11/16" height. 3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high, (USA Dimensions). Galvanized front and rear 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.
DIAGONAL BRACES	2" x 2" x 3/16" angles, ** bolted ** in web and to a crossmember, each side.
X BRACES	Between main beams, full length, sheet metal with cutting holes at front and rear between male main beams.
LOCKS	Air operated with a third glad hand at front.
ROLLERS	4, 2 on female sections of frames and 2 on male sections.
SPACERS FOR RUB RAILS	Double between side boxes.
<b>ENDS</b>	
FRONT RAIL	Formed steel 1/4".
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.
BUMPER	Aluminum plate, bolted between bumper uprights to close rear.
HEADBOARD	48" high, galvanized steel (G164), 4 uprights and top made of tubing and 10 gauge steel plate installed inside with retroreflective tapes.



ITEM	DESCRIPTION
<b>POCKETS</b> <b>REAR RAIL</b>	(this bulkhead is NOT D.O.T.) 2 welded pockets at front for removable headboard. 11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2" shaped steel.
<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, 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. 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.
<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>	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. TSE S-ASA, automatic, 28 splines. Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90. T.S.E. brake, "Omni brake" (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 standard steel.



ITEM	DESCRIPTION
<b>TIRES</b> <b>MANUAL STOP BAR(S)</b>	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, filter on the third glad hand at front. Meritor Wabco, IABS, 2 sensors 1 modulator. Fast-brake kit.
<b>ACCESSORIES</b> <b>REGISTRATION HOLDER</b> <b>WINCHES</b> <b>SLIDING TRACK</b> <b>MUD FLAPS</b>	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.
<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 platform. (no paint) Bogie painted same color as trailer. code: gray PPG Q37-939514 Same color as trailer. code: gray PPG Q37-939514. 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>	Estimated weight is 16,546 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**

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