



Hale Trailer Brake & Wheel

A013391-A013405

VINS: 221400-221414



ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, COMBO DROP PLATFORM
DIMENSIONS	
LENGTH	48'-0"
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 59" high at front and 36" at the bumper.
DROP HEIGHT	25", located at 10'-6" from front.
COUPLING	
COUPLER PLATE	1/4", 80 000 psi steel, plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	48".
STRUCTURE	44" c/c frame with "CAMBER".
FLANGES	1/2" x 5", 100 000 psi steel, in gooseneck. 5/8" x 5", 100 000 psi steel in lower deck, 22" high in center and 14" above suspension.
WEB	1/4" plate in king pin area, 3/16" uppermost section and 1/4 transition area and above suspensions, 80 000 psi steel, with holes, parachute shaped, to lighten trailer.
FRAME BRACING	4" x 3/8" strap at top and 4" x 1/2" at bottom in transition area above first axle.
GOOSENECK	11 1/4" high, 48" straight behind king pin.
CROSSMEMBERS	1 beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, galvanised, 16" c/c in gooseneck and the remaining 12" c/c.
FLOOR	Structural aluminum extrusions, flat type, inverted "T", 1 1/4" high with 3 Apitong or equivalent planks.
FLOOR FASTENING	2 screws per extrusion at first and 2 last crossmembers and 1 screw staggered for other crossmembers. 2 rivets per plank at each crossmember.
SIDE RAILS	3 3/4" x 5 13/16" high, extruded aluminum, Cargo Rail integrated.
SIDE BOXES	3 5/8" x 1 5/8" inside, 4" high, extruded aluminum. CMVSS-905 WLL, 5,500 lbs WLL approved.
RUB RAILS	Aluminum extrusions 3/8" x 2 3/4". Dual rub rail spacers 1" x 1 3/4" as anchor.
CORNERS	Bevelled.
FENDERS	Reinforcement over tires at rear, steel tubing structure, galvanized (G164), floor full length.
KNEE BRACES	3/16" formed steel plates, galvanized (G164), bolted in web and a crossmembers located each side.
X BRACES	Between main beams, full length.
ENDS	
FRONT RAIL	Bolted aluminum extrusion, 7" high, overlapped floor to allow floor plank to walk underneath.
BUMPER	CMVSS 223-RIG approved (in accordance with Canada & USA regulation). Galvanized (G164) steel, bolted uprights to 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.



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BUMPER REAR RAIL	2 Heavy duty rubber dock, at the end of rear rail. Aluminum extrusion, 6 1/2 high, 16000 lbs lift truck proof, including 3 boxes integrated.
ELECTRICAL FRONT CONNECTOR FRONT ADD. CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM FLASHERS	7 way (SAE J560), Phillips brand. 7 way (ISO 3731), for auxiliary functions only. Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. Grote Ultra Blue LED, sealed beams, (tail lights with male pins #54332, markers lights Micronova #47962, 47973, identification lights #47122 (2 1/2" dia.), licence light #60291-3). Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
LANDING GEAR SAND SHOES CRANK	Holland, ATLAS 55 (LG442B), with mounting plate. 10" x 10". Road side.
BOGIE BASIC MECHANICAL BOGIE	Basic mechanical for sales book. Fixed, for tandem 122" spread.
MECHANICAL (GROUND AXLES) SUSPENSION U-BOLTS SPRINGS AXLE(S) CAM SHAFTS TRACK BRAKES BEARINGS SLACK ADJUSTERS SEALS BRAKE CHAMBERS HUBS AND DRUMS RIMS SPACERS TIRES	Hendrickson HT-250US (6.5), tandem. For axles with bearings HM 218248 and HM 212049. With nuts at bottom. Air. Hendrickson, HN-S505, 20 000 lbs. capacity. 28 splines. 77 1/2". 12 1/4" standard, long life H20-HXS Hendrickson lining. HM 218248 and HM 212049. Haldex S-ABA, automatic, curved, 28 splines. Federal Mogul, 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, hub piloted wheel, 8 long studs 275mm B.C., balanced cast drums outboard mount. Alcoa, aluminum, half inside polished and half steel, 17.5 x 6.75, disc (8 holes), 275mm B.C., single flange nuts. Wheel guard 8 holes. Located between the inside wheel and the drum and between two wheels. Continental, 235/75 R 17.5 HTL-2 ECO-PLUS 18 ply (31.6")
AIR SYSTEM GLAD HANDS AIR VALVES VALVE(S) VALVE(S)	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator. Automatic blow down valve, WITHOUT control box, Blow down valve on REAR axle, controlled from the cab, activated



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	<p>when the cruising speed is lower than 16 Km (10 mph), warning light installed road side facing the axle when the blow down valve is activated, without break release. .</p>
<p>ACCESSORIES REGISTRATION HOLDER MUD FLAPS EXTRA MUD FLAPS SLIDING TRACK WINCHES BOX(ES)</p>	<p>One plastic, Betts-PS-1 or equivalent. One set, rubber with Manac logo and vertical grooves to reduce spray. Full length, "LL" extruded aluminum, road side. Qty: 12, ANCRA #49207-137-XZ, zinc plated slider (low profil 5 7/8"). Qty: 1 , aluminum checker plate, double doors, hinges on sides, "anti-rack" handle lock style. 18" deep x **15*** high x 60" wide. By TREBOR. Located at R/S BEHIND LANDING GEAR</p>
<p>FINISHING PAINT BOGIE RETROREFLECTIVE TAPES WHEELS OR RIMS</p>	<p>Shot blasted, one coat of epoxy primer and one acrylic polyurethane top coats Color: black, code: PPG CCA947255-55. One coat of epoxy primer and one acrylic urethane top coats, Color: black, code: PPG CCA947255-55. Axles (wheel end) included. (Tandem). Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar. Natural aluminum and white steel (Powder top coat).</p>
<p>R</p>	<p>Due to the deep backlogs, material/component availability, price fluctuation in fuel and transportation costs, Manac reserves the right to adjust the price based on these instabilities. If needed, Manac will contact the dealer or customer a minimum of 3 months prior to assembly with revised pricing or a change in components.</p>
<p>CONFORMITY</p>	<p>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.</p>

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.