



Hale Trailer Brake & Wheel

A010985-A010987

VIN: 218352-218354



ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
DIMENSIONS	
LENGTH	53'-0" closed.
LENGTH	72'-0" open.
OPENINGS	** increments starting in closed position ** (56'-0", 59'-0", 62'-0", 64'-6", 67'-0", 69'-6" & 72'-0") *** 72" of overlap ***
OPENINGS	
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 62 1/2" high at front and 41 1/2" at the bumper.
DROP HEIGHT	22", located at 11'-6" from front.
COUPLING	
COUPLER PLATE	3/8", plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	50".
STRUCTURE	Frame with "CAMBER". *** 100 000 lbs capacity with 65 feet long piece (self supporting load) ***
FLANGES	Female section, exterior, 1/2" x 6", 100 000 psi steel.
FLANGES	Male section (interior), 3/4" x 6", 60 000 psi steel, 17 1/2" above suspension
WEB	1/4", 80 000 psi full length.
GOOSENECK	12 1/4" high, 54" straight behind king pin.
CROSSMEMBERS	1 beams, 4" @ 3.64 lbs/ft, 80 000 psi steel. 16" center to center in gooseneck and the remaining 12" c/c.
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
FLOOR FASTENING	Two screws per board at each crossmember.
SIDE RAILS	6" channel @ 8.2 lbs/ft.
SIDE BOXES	3/16" steel plate, 1 15/16" x 3 1/16" interior, 4" high, for 1 3/4" x 2 3/4" stakes. (Canadian dimensions). *** One pocket per side, @ 7 7/8" c/c from last pocket at rear *** *** Provide drawing showing the pockets location ***
SIDE BOXES	Weld the pocket full height and on both side and that's for all the pockets on the trailer.
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.
SPACERS FOR RUB RAILS	Double between side boxes.
PIN POCKETS	
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



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POCKETS REAR RAIL BUMPER BUMPER	a maximum height of 22" from under tubing to ground. 2 bolted galvanised pockets at front for removable headboard. steel. Bracing for a **flip-up** axle (1) rubber dock at top front *** Anchors even with sill *** *** Customer must approve bumper drawing ***
ELECTRICAL FRONT CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM TURN SIGNAL REAR CONNECTOR	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 flip axle.
LANDING GEAR SAND SHOES CRANK	Holland, Mark V (LGH-4F010), heavy duty, with mounting plate. 18" x 18" galvanized, solid axles. 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	Fixed. Hendrickson HT-250US (6.5), tandem, 60" spread. *** Axles located @ rear to accommodate future 4th axle *** Hendrickson HT-250US (6.5) with Manac center lift. Located at 60" c/c behind the 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. 16 1/2" standard, H26 extended life lining. HM 518445. Meritor, automatic, 28 splines (6"). Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90. T.S.E. brake, "Omni brake" (30-30), long stroke. (4 years warranty by T.S.E. for parts only). 10 studs disc hubs, balanced drums 117 lbs, outboard mount, 285.75mm B.C., single flange nuts. (Heavy duty 25000 lbs cap.) 22.5 x 8.25, disc (10 holes),



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TIRES	285.75mm B.C., single flange nuts, 2 hand holes. *** Color: YELLOW *** Continental, 275/70 R 22.5 HSR2 SA 18 ply (38.0")
AIR SYSTEM GLAD HANDS AIR VALVES VALVE(S) VALVE VALVE CONTROL BOX	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator. Fast-brake kit. Quick and brake release valves on air lift. For air lift axle with manual pressure regulator 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 *** Air system for a flip axle.
ACCESSORIES REGISTRATION HOLDER MUD FLAPS EXTRA MUD FLAPS	One plastic, Betts-PS-1 or equivalent. 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	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats Color: RED code: PPG Q37M700403 N.B.: Not applicable for white paint. Color: RED, code: PPG #Q37M700403 color : RED , code : PPG #Q37M700403 Color: YELLOW (PPG 910361), powder top coat, code P.N.:PS211Y257 painted by PN Industrie Conspicuity striping in compliance with CMVSS 108. Gray and red, each side, fully covers rear sill and horizontal underride protection bar.
ADDITIONAL OPTIONS R	50 TON CAPACITY WHEN OPEN *** SAME AS U#202341 *** Due to deep backlogs, material/component availability and price fluctuation, 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. The dealer or customer will have the option to accept the change or cancel the order at that time.
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

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.