

HALE

TRAILER

BRAKE & WHEEL

Hale Trailer Brake & Wheel

202412-202414



ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
DIMENSIONS	
LENGTH	53'-0" closed.
LENGTH	71'-0" opened.
OPENINGS	5'-0" increments in closed position.
OPENINGS	*** 30" c/c increments in last 10' ***
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 61" high at front and 41 3/4" at the bumper.
DROP HEIGHT	19", located at 10'-6" from front.
COUPLING	
COUPLER PLATE	5/16", plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	49".
STRUCTURE	Frame with "CAMBER".
FLANGES	Female section, exterior, 3/8" x 6", 100 000 psi steel, 24" high.
FLANGES	Male section (interior), 3/4" x 6", 60 000 psi steel, 17 5/8" high and 16 1/2" above suspension.
WEB	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel.
GOOSENECK	12 1/4" high, 48" straight behind king pin.
CROSSMEMBERS	1 beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, galvanised, 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	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 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.
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.
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 a maximum height of 22" from under tubing to ground.
PULL PLATE	Pull plates between uprights of bumper.
POCKETS	2 bolted galvanised pockets at front for removable headboard.
REAR RAIL	11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2" shaped steel.
BUMPER	Bracing for a **flip-up** axle including a midland Brake 7 way electrical



ITEM	DESCRIPTION
	connector, glad hands and (1) rubber dock at top front. (for drop deck)
ELECTRICAL FRONT CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM TURN SIGNAL	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.
LANDING GEAR SAND SHOES CRANK	Holland, Mark V (LGS-4F315), with mounting plate, solid axles, galvanized. 10" x 11 1/2", 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 TIRES	Fixed. Hendrickson HT-250US (6.5), tandem, 60" spread. *** axles located @ rear to accomodate future 4th axle *** Hendrickson HT-250US (6.5) with Manac center lift. located at 60" behind rear Only 1 1/2" of clearance from the ground if used at rear. Controlled manually *** NO WARRANTY ON THE TIRES NOR GROUND AXLES, (FLAT SPOT) *** *** rear axle lift *** With nuts at bottom. Air. Hendrickson, HP-S506, 27 000 lbs. capacity. Welded. 28 splines. 77 1/2". None (dia. 5"). 16 1/2" standard, H26 extended life lining. HM 518445 Meritor, automatic, 28 splines. Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90. T.S.E. brake, "Omnibrake" (30-30), long stroke. (4 year warranty on parts only) WEBB, 10 studs disc hubs, balanced drums 117 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium wheels. (Heavy duty 25000 lbs cap.) 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes. Continental, 275/70 R 22.5 HSR2 SA 18 ply (38.0")
AIR SYSTEM GLAD HANDS AIR VALVES	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator.



ITEM	DESCRIPTION
VALVE(S) VALVE VALVE CONTROL BOX	Fast-brake kit. Quick and brake release valves on air lift. 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 ***
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 FINISHING HUBS WHEELS OR RIMS RETROREFLECTIVE TAPES PAINTED AXLES RIMS	No paint & no primer on the trailer. Trailer prepared & shipped to be galvanized. 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. Same color as trailer. Color: Yellow, powder top coat, code: YELLOW RAL 1018 AKA PANTONE 123C painted by PN Industries.
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 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.