



Hale Trailer Brake & Wheel

186700 - 186714



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.
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 61" high at front and 34" at the bumper.
DROP HEIGHT	25", 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	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel.
FLOOR	16" center to center in gooseneck and the remaining 12" c/c.
FLOOR FASTENING	Aptitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
SIDE RAILS	Two screws per board at each crossmember.
SIDE BOXES	6" channel @ 8.2 lbs/ft.
RUB RAILS	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high.
CORNERS	(USA Dimensions).
FENDERS	3/8" x 2 1/2" shaped steel.
DIAGONAL BRACES	Bevelled.
LOCKS	Over tires at rear, checker plate 1/8".
ROLLERS	2" x 2" x 3/16" angles, welded in web and to a crossmember, located each side.
ENDS	
FRONT RAIL	Air operated with a third glad hand at front.
BUMPER	4, 2 on female sections of frames and 2 on male sections.
POCKETS	9 gauge formed steel.
REAR RAIL	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.
	2 bolted galvanised 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.
ELECTRICAL	
FRONT CONNECTOR	7 way (SAE J560), Phillips brand.
ELECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
MAIN SYSTEM	Grote Ultra Blue LED, sealed beams Grote, tail lights with male pins #54332,



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TURN SIGNAL	markers #47122, 47233 (2 1/2" dia.), licence light #60280-M, with vapor proof junction box Truck-Lite #50400.
REAR ADD. CONNECTOR	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber. 4 way.
LANDING GEAR	Holland, Mark V (LGS-4F115), with mounting plate.
SAND SHOES	10" x 11 1/2".
CRANK	Road side.
BOGIE	
BASIC SUSPENSION	
BOGIE	Fixed.
SUSPENSION	Hendrickson HT-250US (6.5), tandem, 60" spread. *** CA legal 40' king pin to axle #2 with rear axle lifted****
LIFT DEVICE	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 *** *** NO WARRANTY ON THE TIRES NOR GROUND AXLES, (FLAT SPOT) ***
U-BOLTS	With nuts at bottom.
SPRINGS	Air.
AXLE(S)	AXN, TA250T, 20 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	28 splines.
TRACK	77 1/2".
DUST SHIELDS	None.
BRAKES	12 1/4" standard, AXN R23 lining.
BEARINGS	HM 218248 and HM 212049.
SLACK ADJUSTERS	Haldex S-ABA, automatic, curved, 28 splines, (6").
SEALS	Stemco, "Platinum Performance System". Including "Guardian" seals, Pro-Torq spindle nuts, Integrated sentinel hub caps with Synthetic oil, Mobil Delvac 75W-90. (3 year warranty by Stemco for parts only).
BRAKE CHAMBERS	T.S.E. brake, "Omnibrake" (30-30), long stroke. (4 years warranty by T.S.E. for parts only).
HUBS AND DRUMS	KIC, 8 studs disc hubs, drums 89 lbs, outboard mount, 275mm B.C., single flange nuts. For dual steel wheels or single wheels.
RIMS	KIC, 17.5 x 6.75, disc (8 holes), 275mm B.C., single flange nuts, 4 hand holes.
TIRES	Continental, 235/75 R 17.5 HTL-2 ECO-PLUS 18 ply (31.6")
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, ABS, 2 sensors 1 modulator.
VALVE(S)	Fast-brake kit.
VALVE	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.
CONTROL BOX	*** Stainless steel ***



ITEM	DESCRIPTION
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
SLIDING TRACK	Full length, "LL" extruded aluminum, road side.
MUD FLAPS	One set, rubber with Manac logo and vertical grooves to reduce spray.
EXTRA MUD FLAPS	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	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats Color: black, code: PPG AU37-FP908.
HUBS	Same color as trailer. Color: black, code: PPG AU37-FP908.
WHEELS OR RIMS	Powder top coat white.
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red, each side, fully covers rear sill and horizontal underride protection bar.
PAINTED AXLES	Same color as trailer. Color: Black, code: PPG AU37-FP908.
ADDITIONAL OPTIONS	*** SAME AS 184331 ***
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.