

HALE

TRAILER

BRAKE & WHEEL

A027230-A027240

TEMP VIN: S026192-S026202



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ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
APPLICATION	According to the loading model provided by Manac engineers and only this one, structural capacity can support 80,000 LBS when open. Please note, this does not concern mechanical parts and they would be overloaded in such a case.
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	3/8", plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	49".
STRUCTURE	Frame with "CAMBER".
FLANGES	Female section, exterior, 1/2" 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 *13 1/2" above suspension.
WEB	1/4", 80 000 psi full length.
GOOSENECK	12 1/4" high, 48" straight behind king pin.
CROSSMEMBERS	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, galvanized, 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" high. 3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high, (USA Dimensions). Galvanized front and rear bolted 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, ** bolted ** in web and to 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.
ENDS	
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.
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"



ITEM	DESCRIPTION
	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, markers #47122, 47233 (2 1/2" dia.), licence light #60280-M, with vapor proof junction box Truck-Lite #50400.
TURN SIGNAL	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
REAR ADD. CONNECTOR	4 way.
STROBE LIGHTS	Sealed beams (Grote LED #77353 strobe) amber. (Rubber grommet) Qty: (1) each side.
TAIL LIGHTS	toggle switch installed: AT REAR Sealed beams (Grote DEL #54332) red. Qty: 1 additionnal each side. From outside, tail lights and flasher, flasher with parking, brake with parking.
LANDING GEAR	Holland, Mark V (LGH-4F010), heavy duty, with mounting plate, full galvanized
SAND SHOES	18" x 18".
CRANK	Road side.
BOGIE	
BASIC SUSPENSION	
BOGIE	Fixed.
SUSPENSION	Hendrickson HT-250US (6.5), tandem, 60" spread. ***CAL LEGAL W/REAR AXLE LIFTED***
LIFT DEVICE	Hendrickson HT-250US (6.5) with Manac center lift. Located at 60" rear of 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)	Ingersoll, F22H, 20 000 lbs. capacity. 201-015
SPIDERS	Welded.
CAM SHAFTS	28 splines.
TRACK	77 1/2".
DUST SHIELDS	None.
BRAKES	12 1/4", IMT23, Ingersoll 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, "Omni brake" (30-30), long stroke. (4 years warranty by T.S.E. for parts only).
HUBS AND DRUMS	WEBB, 8 studs disc hubs, drums 93 lbs, outboard mount, 275mm B.C., single flange nuts. For dual aluminum wheels.



ITEM	DESCRIPTION
RIMS	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")
ALIGNMENT	Laser, 3 axles (tridem).
AIR SYSTEM	
GLAD HANDS	Fixed, filter on the third glad hand at front.
AIR VALVES	Meritor Wabco, IABS, 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
VALVE	Quick and brake release valves on air lift.
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
WINCHES	Qty: 12, ANCRA #49207-137-XZ, zinc plated slider (5 7/8").
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	Galvanized plateform.
AXLE(S) PAINTED	Color: grey, code: PPG Q37-939514.
HUBS	Same color as trailer. grey
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.
SERIAL PLATE	V.I.N. plate to be stick on an aluminum plate riveted on the frame. (it doesn't stick on galvanized steel)
ADDITIONAL OPTIONS	same as U#232305
R	estimated empty weight is 19,472 LBS +/- 3%
TRUCK SPECIFICATIONS	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 customer approximately 3 months prior to assembly with revised pricing, or a change in components. At that time, the customer will have the option to accept the change or cancel the order. This will prevent and any possible
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

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Equipment availability, prices and specifications are subject to change without notice.