

HALE

TRAILER

BRAKE & WHEEL

A024698-A024706



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ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
DIMENSIONS	*** TRAILER RATED 50 TON FULLY OPEN, SELF-SUPPORTING LOAD *** *** Trailer needs to be loaded properly per engineering ***
LENGTH	53'-0" closed.
LENGTH	71'-0" opened. *** (78" OVERLAP) ***
OPENINGS	5'-0" increments in closed position.
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	1/2", plug welded structure. *** Need to rate the coupler to 45000 lbs to get a GVWR of 120000 lbs ***
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	50".
STRUCTURE	Frame with "CAMBER".
FLANGES	Female section, exterior, 1/2" x 6", 100 000 psi steel, 24" high. ***minimum of 78" overlap***
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", 80 000 psi full length.
GOOSENECK	12 1/4" high, with 54" 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 1/4".
DIAGONAL BRACES	2" x 2" x 3/16" angles, **bolted** 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.
ENDS	
FRONT RAIL	Formed steel 1/4".***GALVANIZED***
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	Steel.
BUMPER	Bracing for a ***flip-up axle*** and (1) rubber dock at top front



ITEM	DESCRIPTION
	Same as U#229806
ELECTRICAL FRONT CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM TURN SIGNAL REAR CONNECTOR REAR ADD. CONNECTOR STROBE LIGHTS	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 pin on axle. 4 way. Sealed beams (Grote LED #77353 strobe)amber. (Rubber grommet) Qty: (1) each side. toggle switch installed: IN THE CONTROL BOX
LANDING GEAR SAND SHOES CRANK	Holland, Mark V (LGH-4F010), heavy duty, with mounting plate, full galvanized 18" x 18", galvanized. 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. Spread need to be as same as U#229808, last axle 36" from rear 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 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 (Hendrickson axles). 16 1/2" standard, long life H26-HXS Hendrickson lining. HM518445 Meritor, automatic, 28 splines. 6" long. 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). WEBB, 10 studs disc hubs, balanced drums 117 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium. (Heavy duty 25000 lbs cap.) (Bearings HP). Alcoa, aluminum, half "ULTRA ONE vHub" and half steel. 22.5 x 8.25, disc (10 holes), 285.75mm B.C.,



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<p>SPACERS</p> <p>TIRES R</p>	<p>single flange nuts. Standard duty with light steel. Wheel guard 10 holes. Located between the inside wheel and the drum and between two wheels.</p> <p>Continental, 275/70 R 22.5 HSR2 SA 18 ply (38.0") *** GAWR 25000 LBS needed for 119001 GVWR***</p>
<p>AIR SYSTEM GLAD HANDS AIR VALVES VALVE(S) VALVE</p> <p>VALVE CONTROL BOX R</p>	<p>Fixed.</p> <p>Meritor Wabco, ABS, 2 sensors 1 modulator. Fast-brake kit.</p> <p>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.</p> <p>Quick and brake release valves on air lift.</p> <p>Stainless steel Air system for a pin on axle.</p>
<p>ACCESSORIES REGISTRATION HOLDER WINCHES SLIDING TRACK MUD FLAPS EXTRA MUD FLAPS</p>	<p>One plastic, Betts-PS-1 or equivalent.</p> <p>Qty: 12, ANCRA #49207-137-XZ, zinc plated slider (5 7/8").</p> <p>Full length, "LL" extruded aluminum, road side.</p> <p>One set, rubber with Manac logo and vertical grooves to reduce spray.</p> <p>Qty: 2, rubber.</p> <p>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.</p>
<p>FINISHING PAINT AXLE(S) PAINTED HUBS WHEELS OR RIMS RETROREFLECTIVE TAPES</p> <p>PAINT GALVANIZATION EXTRA PARTS</p>	<p>Galvanized platform. (no paint) Color: GREY, code: PPG Q37-939514.</p> <p>Color: Grey , code: PPG Q37-939514.</p> <p>White.</p> <p>Conspicuity striping in compliance with CMVSS 108. Gray and red, each side, fully covers rear sill and horizontal underride protection bar.</p> <p>V.I.N. plate to be stick on an aluminum plate riveted on the frame. Extra parts galvanized. Qty: 1000 lbs.</p>
<p>ADDITIONAL OPTIONS</p> <p>R</p>	<p>*** same as U#232298, estimated empty weight is 21,131 LBS +/- 3% *** NOTE: The only loading pattern which is allowed. ***</p> <p>Tridem drive tractor with 55 ft load (GC at 27.5 ft) if flip axle is not used Any other loading pattern generates an overload on mechanical components on the trailer or on tractor drive. ***</p> <p>Due to the deep backlogs, material/component availability, price fluctuation and transportation costs, Manac reserves the right to adjust the price based these instabilities. If needed, Manac will contact the dealer or customer app 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 This will prevent and any possible cancellation fees from our suppliers.</p>



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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.
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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.