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ITEM	DESCRIPTION
TYPE	TELESCOPIC SEMI-TRAILER, STEEL PLATFORM.
DIMENSIONS	
LENGTH	53'-0" closed.
LENGTH	90'-0" open
OPENINGS	Located at 53', 58', 63', 68', 73', 78', 83' and 90'.
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 61 1/4" high at front and 58" at rear.
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), 3/8" x 6", 100 000 psi steel, 24" high.
FLANGES	Male section (interior), 3/4" x 6", 60 000 psi steel, 16 3/4" high.
WEB	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel.
GOOSENECK	12" high, with integrated nose ramp and 48" straight behind king pin.
CROSSMEMBERS	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, galvanized, bolted, 12" c/c. (for bolted construction)
FLOOR	Aptitong 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.
DIAGONAL BRACES	2" x 2" x 3/16" angles, **bolted** in web and to a crossmember,
X BRACES	Between main beams, full length, sheet metal with cutting holes at front and rear between male main beams.
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	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.
BUMPER	Aluminum plate, bolted between bumper uprights to close rear.
POCKETS	2 welded 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.



ITEM	DESCRIPTION
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, grounded to front connector, 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. Qty: (1) each side. toggle switch installed: REAR
TAIL LIGHTS	Sealed beams (Grote DEL #54332) red. Qty: 1 additionnal each side. From outside, tail lights and flasher, flasher with parking, brake with parking. TIREMAAX warning lamp installed on road side front rail.
LANDING GEAR	Holland, Mark V (LGS-4F010), with mounting plate, full galvanized.
SAND SHOES	18" x 18" galvanized, solid axles.
CRANK	Road side.
BOGIE	
BASIC SUSPENSION	
BOGIE	Slider, air ride suspension, tridem, 60" spread.*** galvanized *** Bogie tubing frame for suspension with 9" mounting height. (96" travel) Legal Canada-USA,
SUSPENSION	Hendrickson HT-250US (9), tridem, 60" spread.
U-BOLTS	With nuts at bottom.
SPRINGS	Air.
AXLE(S)	Meritor, TQ 467_L, 21 900 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	28 splines.
TRACK	77 1/2".
DUST SHIELDS	Steel, bolted.
BRAKES	16 1/2" standard, FRAS-LE MA212Q+ extended life lining.
BEARINGS	HM 218248 and HM 212049.
SLACK ADJUSTERS	Meritor, automatic, 28 splines.
SEALS	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
BRAKE CHAMBERS	T.S.E. brake, "Omnibrake" (30-30). (4 years warranty by T.S.E. for parts only).
HUBS AND DRUMS	10 studs disc hubs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminum wheels.
RIMS	22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes.
TIRES	Continental, 11 R 22.5 HT3 ECO-PLUS 14 ply (41.2")
MANUAL STOP BAR(S)	Two, Manac heavy duty, 1 5/8" diameter, galvanized.
R	Automatic Tire inflation System Tiremaax.
AIR SYSTEM	Aluminum air tank. (tridem)



ITEM	DESCRIPTION
GLAD HANDS AIR VALVES VALVE VALVE CONTROL BOX AUTOMATIC TIRE INFLATION	Fixed. Meritor Wabco, IABS, 2 sensors 1 modulator. (2) Fast-brake kit. **installed behind landing gear** Automatic blow down valve in a control box, including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table. Stainless steel Automatic Tire inflation System Hendrickson Tiremaax PRO. Axles preparation included, dressed axles HN/HP or disc brake. *** Maximum allowable tire pressure for this device is 120psi *** (tridem application, Hendrickson axles, dual tires)
ACCESSORIES REGISTRATION HOLDER WINCHES SLIDING TRACK MUD FLAPS	One plastic, Betts-PS-1 or equivalent. Qty: 12, ANCRA #49207-137-XZ, zinc plated slider (5 7/8"). Full length, "LL" extruded aluminum, road side. One set, rubber with Manac logo and vertical grooves to reduce spray.
FINISHING PAINT BOGIE AXLE(S) PAINTED HUBS WHEELS OR RIMS RETROREFLECTIVE TAPES SERIAL PLATE	Galvanized platform. (no paint) Slider, galvanized steel. (Applicable for Manac bogie only) Color: Grey, code: PPG Q37-939514. Color: Grey, code: PPG Q37-939514. White. Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar. V.I.N. plate to be stick on an aluminum plate riveted on the frame. (it doesn't stick on galvanized steel)
ADDITIONAL OPTIONS R	estimated empty weight is 21,429 LBS +/- 3% same as U#233321 As you are certainly aware, the recent economic and political climate have presented several challenges, including continued uncertainties surrounding existing and potential future tariffs. These uncertainties have had in impact on costs of raw materials and components used in the manufacturing of our semi-trailers.
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.	