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ITEM	DESCRIPTION
TYPE APPLICATION	SEMI-TRAILER, STEEL DROP PLATFORM. GALVANIZED SEE SECTION
DIMENSIONS	
LENGTH	53'-0"
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 63" high at front and ***38" at the bumper. ***REQUIRE LOWER DECK TO BE 38" HEIGHT OR LOWER
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	51".
STRUCTURE	Frame with "CAMBER".
FLANGES	3/8" x 6" , 100 000 psi steel, 23 3/4" high in center and 15 1/2" above suspension.
WEB	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel. With holes, parachute shaped, to lighten trailer.
FRAME BRACING	In front of suspension, flat bar 4" x 3/8" on each flange.
GOOSENECK	11 1/4" high, with 48" straight behind king pin.
CROSSMEMBERS	I beams 4" @ 3.64 lbs/ft 80 000 psi steel. 16" center to center in gooseneck and the remaining 16" c/c, installed with stiffeners angle.
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	Formed channel 6" @ 4.6 lbs/ft.
SIDE BOXES	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high. (USA Dimensions). **even with top of side rails**
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.
X BRACES	Between main beams, full length. N.B.: Floor not applicable for a lift truck.
ENDS	
FRONT RAIL	9 gauge formed steel, bolted to frame.
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.
REAR RAIL	11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2" shaped steel, bolted to frame.
ELECTRICAL	
FRONT CONNECTOR	7 way (SAE J560), Phillips brand.



ITEM	DESCRIPTION
FRONT ADD. CONNECTOR	7 way (ISO 3731), for auxiliary functions only.
ELECTRICAL SYSTEM MAIN SYSTEM	***LIFT AXLE Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. Grote Ultra Blue LED, sealed beams, tail lights with male pins #53252 (10 diodes), markers #47122, 47233 (2 1/2" dia.), licence light #60280-M).
TURN SIGNAL	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
STROBE LIGHTS	Sealed beams (Grote LED #77353 strobe) amber. Qty: (1) each side. toggle switch installed in the control box. TIREMAAX warning lamp installed on road side front rail.
LANDING GEAR	Holland, Mark V (LGS-4F315), with mounting plate, solid axles, full galvanized.
SAND SHOES CRANK	10" x 11 1/2", solid axles. Road side.
BOGIE BASIC SUSPENSION BOGIE SUSPENSION	Fixed. Hendrickson INTRAAX AAL-23K (6.5), tridem, 60" spread. N.B.: Wingless suspension bracket. For axles with bearings HM 218248 and HM 212049. ***REQUIRE 43FT FROM KINGPIN TO LAST AXLE
LIFT DEVICE	Air lift Hendrickson "UBL-202". **BOLTED & GALVANIZED**. Quick and brake release valves on air lift suspension. (2 1/2" clearance). Located: REAR AXLE For AAL suspension. **No long stroke with UBL** **illegal in Quebec + Ontario if used on a 53'-0" **NO WARRANTY ON TIRES AND GROUND AXLES** (flat spot)
SPRINGS AXLE(S) SPIDERS CAM SHAFTS TRACK DUST SHIELDS BRAKES BEARINGS SLACK ADJUSTERS SEALS BRAKE CHAMBERS	Air. LDA, 5 3/4" diameter, 23 000 lbs. capacity. Welded. 10" long, 28 splines with enclosures. 77 1/2". Steel, clamped. 16 1/2" standard, long life H23-HXS Hendrickson lining. HM 218248 and HM 212049. Meritor, automatic, 28 splines. Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90. T.S.E. brake, "Omni brake" (30-30), (push rod 9 3/4"), long stroke. (4 years warranty by T.S.E. for parts only).
HUBS AND DRUMS	WEBB, 10 studs disc hubs, balanced drums 104.5 lbs, 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. Standard duty with standard steel.
TIRES	Continental, 255/70 R 22.5 HSR2 SA 16 ply (36.6") Automatic Tire inflation System Tiremaax.



ITEM	DESCRIPTION
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, IABS, 2 sensors 1 modulator.
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
AUTOMATIC TIRE INFLATION	Automatic Tire inflation System Hendrickson Tiremaax PRO. For axles with bearings HM 218248 and HM 212049, dual tires. NOTE: Axles prep. fees included for undressed axle. *** Maximum allowable tire pressure for this device is 120psi *** (tridem application) "Automatic Tire Inflation Systems", REMARK: Make sure the system is adjusted to the same tires pressure written on the serial plate.
AIR TANK	Aluminum.
VALVES	(tridem) Used to close the supply of air to air bags. (2 per axle) (shut off).
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
WINCHES	Qty: 18, ANCRA #49207-137-XZ, zinc plated slider (5 7/8").
SLIDING TRACK	Full length, "LL" extruded aluminum, road side.
LASHING RINGS	Qty: 2, "D" type steel rings welded to frame, (Buyer B-5055) (curved D-ring) **GALVANIZED**
MUD FLAPS	Located at FRONT RAIL 12" FROM CORNER EACH SIDE One set, rubber with Manac logo and vertical grooves to reduce spray.
FINISHING	
PAINT	Ready for Galvanized plateform.
LANDING GEAR	**Zinc** primer instead of epoxy primer.
HUBS	Black.
WHEELS OR RIMS	White.
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red, each side, fully covers rear sill and horizontal underride protection bar.
GALVANIZED CHOICES	Galvanized choices.
PLATFORM	Galvanized plateform. (no paint) ** WARNING: holes parachute shaped required for dripping **
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.