







A027033

TEMP VIN: S025999  


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ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, STEEL DROP PLATFORM.
DIMENSIONS	
LENGTH	53'-0"
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	1/2" x 6" , 100 000 psi steel, 22" high in center and 12 1/2" above suspension.
WEB	1/4", 80 000 psi, full length, including parachute shaped holes.
FRAME BRACING	In front of suspension, flat bar 4" x 3/8" on each flange.
GOOSENECK	12 1/4" high, with 48" straight behind king pin.
CROSSMEMBERS	1 beams 4" @ 3.64 lbs/ft 80 000 psi steel. 12" center to center in gooseneck and the remaining 12" c/c on lower deck.
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
FLOOR FASTENING	Two screws per board at each crossmember.
SIDE RAILS	6" channel @ 8.2 lbs/ft.
SIDE BOXES	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high. (USA Dimensions).
RUB RAILS	3/8" x 3" flat bars of steel, at top of side pockets. N.B.: Keep a shoulder for welding.
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.
SPACERS FOR RUB RAILS	Double between side boxes.
STRUCTURE	*** Special for "Oilfield" including *** at the drop.** (8 5/8" dia. tubing) (102" wide flatbed) <sup>3</sup> *** REF. U#131674 *** <sup>3</sup>
INSIDE PIN POCKETS	Qty: 10 pair(s), pin type, made of rond tubing 2 3/8" x 3/8" wall x 6" high. (1) on each side, recessed in the floor. (inside pockets) Located: 5 PAIR PER SIDE
RECESSE ROLLS SET	(2) live roll set(s) recessed in the floor, air operated. (1) live roll installed on each side of the main beams. Located : REF. 202198 **Locking device NOT included, see option 17.061** **LIVE ROLLS MUST RISE UP TOGETHER**
ENDS	
FRONT RAIL	9 gauge formed steel.
BUMPER	CMVSS 223-RIG approved (in accordance with Canada & USA regulations). Uprights integrated with frames, 4" x 4" cross bar roll formed tubing at



ITEM	DESCRIPTION
<b>BUMPER</b>	a maximum height of 22" from under tubing to ground. Install a channel at rear, 15" high x 3/8" thick with lips *** towards outside. Lights installed just above lower lip. Corners ready to receive a live roll included.
<b>PULL PLATE</b>	Pull plates between uprights of bumper.
<b>REAR RAIL</b>	11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2" shaped steel.
<b>STRUCTURE</b>	*** (Special for "Oilfield" including *** REAR LIVE ROLL KIT. *** (8 5/8" dia. tubing) (102" wide flatbed) *** REF. U#131674 ***
<b>ELECTRICAL</b>	
<b>FRONT CONNECTOR</b>	7 way (SAE J560), Phillips brand.
<b>ELECTRICAL SYSTEM</b>	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
<b>MAIN SYSTEM</b>	Grote Ultra Blue LED, sealed beams, (tail lights with male pins #54332, markers #47122, 47233 (2 1/2" dia.), licence light #60280-M).
<b>TURN SIGNAL</b>	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
<b>REAR ADD. CONNECTOR</b>	4 way.
<b>STROBE LIGHTS</b>	(2), installed (1) on each side, (Grote 77353 amber) (stainless steel rings)
<b>SWITCH</b>	To activate strobe lights, installed at rear.
<b>LANDING GEAR</b>	Holland, Mark V (LGS-4F115), with mounting plate.
<b>SAND SHOES</b>	10" x 11 1/2".
<b>CRANK</b>	Road side.
<b>BOGIE</b>	
<b>BASIC SUSPENSION</b>	
<b>BOGIE</b>	Fixed.
<b>SUSPENSION</b>	Hendrickson HT-250US (6.5), tridem, 60" spread.
<b>LIFT DEVICE</b>	Hendrickson HT-250US (6.5) with Manac center lift. *** REAR AXLE LIFT ***. Only 1 1/2" of clearance from the ground if used at rear. Controlled manually *** NO WARRANTY ON THE TIRES NOR GROUND AXLES, (FLAT SPOT) ***
<b>U-BOLTS</b>	With nuts at bottom.
<b>SPRINGS</b>	Air.
<b>AXLE(S)</b>	Hendrickson, HN-S50H, 20 000 lbs. capacity.
<b>SPIDERS</b>	Welded.
<b>CAM SHAFTS</b>	28 splines.
<b>TRACK</b>	77 1/2".
<b>DUST SHIELDS</b>	None.
<b>BRAKES</b>	12 1/4" standard, long life H20-HXS Hendrickson lining.
<b>BEARINGS</b>	HM 218248 and HM 212049.
<b>SLACK ADJUSTERS</b>	Haldex S-ABA, automatic, curved, 28 splines, (6").
<b>SEALS</b>	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
<b>BRAKE CHAMBERS</b>	T.S.E. brake, "Omni brake" (30-30), long stroke. (4 years warranty by T.S.E. for parts only).
<b>HUBS AND DRUMS</b>	WEBB, 8 studs disc hubs, drums 93 lbs, outboard mount, 275mm B.C., single flange nuts. For dual steel wheels or single wheels.
<b>RIMS</b>	17.5 x 6.75, disc (8 holes),



ITEM	DESCRIPTION
<b>TIRES</b>	275mm B.C., single flange nuts, 4 hand holes. Continental, 235/75 R 17.5 HTL-2 ECO-PLUS 18 ply (31.6")
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed.
<b>AIR VALVES</b>	Meritor Wabco, IABS, 2 sensors 1 modulator.
<b>VALVE</b>	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.
<b>CONTROL BOX</b>	Stainless steel
<b>ACCESSORIES</b>	
<b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.
<b>WINCHES</b>	Qty: 12, KINEDYNE #1020SV, silver painted slider (5 7/8").
<b>SLIDING TRACK</b>	Full length, "LL" extruded aluminum, road side.
<b>MUD FLAPS</b>	One set, rubber with Manac logo and vertical grooves to reduce spray.
<b>FINISHING</b>	
<b>PAINT</b>	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats Color: black, code: PPG AU37-FP908.
<b>BOGIE</b>	One coat of epoxy primer and one acrylic urethane top coats, Color: black, code: PPG AU37-FP908.
<b>HUBS</b>	Axles (wheel end) included. (Tandem). Black.
<b>WHEELS OR RIMS</b>	Powder top coat white.
<b>RETROREFLECTIVE TAPES</b>	Conspicuity striping in compliance with CMVSS 108. Gray and red, each side, fully covers rear sill and horizontal underride protection bar.
<b>ADDITIONAL OPTIONS</b>	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 estimated empty weight is 23,318 LBS +/- 3%
<b>CONFORMITY</b>	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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