

HALE

TRAILER

BRAKE & WHEEL

A027034-A027036

TEMP VIN: S026000-S026002



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ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
DIMENSIONS	
LENGTH	53'-0" closed.
LENGTH	59'-0" opened.
OPENINGS	30" increments when closed.
WIDTH	102", 97" between side rails.
HEIGHT	***** Floor, approximately 64" high at front and 35 1/2" at the bumper.***
DROP HEIGHT	28", located at ***** 11'-6" ***** from front.
COUPLING	
COUPLER PLATE	3/8", plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	52".
STRUCTURE	*** CAMBER 1" ***
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 16 1/2" above suspension.
WEB	1/4", 80 000 psi full length.
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 15/16" x 3 1/16" interior, 4" high, for 1 3/4" x 2 3/4" stakes. (Canadian dimensions).
RUB RAILS	3/8" x 3" flat bars of steel, at top of side pockets.
CORNERS	Bevelled.
FENDERS	Over tires at rear, **anti-skid plate 1/4"***
DIAGONAL BRACES	2" x 2" x 3/16" angles, welded 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.
SPACERS FOR RUB RAILS	Double between side boxes.
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 : SAME AS U#202198 **LIVE ROLLS MUST RISE UP TOGETHER**
PIN POCKETS	Qty: 11 pair(s), made of round tubing 2 3/8" x 3/8" wall x 6" high. (1) on each side, recessed in floor. (inside pockets) Located: SAME AS U#196588
PIN POCKETS	Qty: 2 pair(s), made of round tubing 2 3/8" x 3/8" wall x 6" high. (1) each side, recessed in the floor. (inside pockets) Located: 2 PAIR AT REAR. THE PAIR FOR THE ROLLER ROTATE
DEAD ROLL AT FRONT BULKHE	Special for "Oilfield" including *** AT THE DROP LIVE ROLL KIT.*** (6 5/8" dia. tubing) (102" wide trailer).
ENDS	



ITEM	DESCRIPTION
FRONT RAIL	Formed steel 1/4".
FRONT RAIL	Pick up throat (48") with opening and reinforcements for hooks at front of trailer (to lift gooseneck). Glad hands and connector installed roadside. **NOTE** connector flush mounted not on angle (vertically), can open up hole a little more (15" x 6").
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.
PULL PLATE	Push & pull plates on flatbed. (full width steel plate + tubing) **1 1/2" hole in push & pull plates**
REAR RAIL	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.
BUMPER	Special for one roller at rear 8 5/8" diameter, full width. (For trailer 102" wide)
ELECTRICAL	
FRONT CONNECTOR	7 way (SAE J560), Phillips brand.
FRONT ADD. CONNECTOR	7 way (ISO 3731), for auxiliary functions only.
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	(2), installed (1) on each side, (Grote 77353 amber) (rubber grommet)
SWITCH	Sealed, to activate strobe lights, installed **in front corner**.
LANDING GEAR	Holland, Mark V (LGS-4F115), with mounting plate.
SAND SHOES	10" x 11 1/2".
CRANK	Road side.
BOGIE	
BASIC SUSPENSION	Fixed.
BOGIE	Hendrickson HT-250US (6.5), tandem, 60" spread.
SUSPENSION	Hendrickson HT-250US (6.5) with Manac center lift.
LIFT DEVICE	Located at 60" c/c ahead of tandem and 60" c/c rear of tandem. 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) ***
U-BOLTS	With nuts at bottom.
SPRINGS	Air.
AXLE(S)	AXN, TA250T, 20 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	28 splines.
TRACK	77 1/2".
DUST SHIELDS	None.
BRAKES	12 1/4" standard, AXN R23 lining.
BEARINGS	HM 218248 and HM 212049.



ITEM	DESCRIPTION
SLACK ADJUSTERS	Haldex S-ABA, automatic, curved, 28 splines, (6").
SEALS	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
BRAKE CHAMBERS	T.S.E. brake, "Omnibrake" (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 steel wheels or single wheels.
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")
TIRES	NOTE: "Tires on imports do not qualify for a Fair Market Value Deduct
	towards F.E.T. calculation".
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, IABS, 2 sensors 1 modulator.
VALVE(S)	Fast-brake kit.
VALVE	Quick and brake release valves on air lift.
VALVE	Manual blow down valve in a control box, WITHOUT auto-reset feature,
	including Glycerin filled pressure gauge, in P.S.I., to indicate
	load with a conversion table.
CONTROL BOX	Stainless steel
AIR TANK	***NOTE***
	Air tanks & air lines to be mounted as high up as possible.
	(change the air tank 3100cu.inc. for 2 tanks 1425 cu.inc.)
VALVES	Used to close the supply of air to air bags. (2 per axle) (shut off).
LOAD SENSING DEVICE	Air-Weigh kit Loadmaxx trailer scale #8077B with bracket #6925. Included with
	a LED light alarm feature for warning and reach a target weight.
	Located: roadside, rear of landing gear.
	NOTE AIR WEIGHT KIT will have to be calibrated on scale by the customer.
	(empty and loaded)
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
WINCHES	Qty: 12, 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	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats
	Color: black, code: PPG AU37-FP908.
AXLE(S) PAINTED	Same color as trailer.
	Color: black, code: PPG AU37-FP908.
HUBS	Same color as trailer.
	Color: black, code: PPG AU37-FP908.
WHEELS OR RIMS	Powder top coat white.
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108.



ITEM	DESCRIPTION
	Gray and red, each side, fully covers rear sill and horizontal underride protection bar.
ADDITIONAL OPTIONS	SAME AS U#202198
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

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.