

HALE

TRAILER

BRAKE & WHEEL

A029024

VIN: 225812



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ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, STEEL PLATFORM.
APPLICATION	**NOTE** Book "G" to "H"
DIMENSIONS	
LENGTH	48'-0"
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 60" high at front and 54" at rear.
COUPLING	
COUPLER PLATE	3/8", plug welded structure.
KING PIN LOCATION	30" from front.
KING PIN	Bolted, 2" diameter, Holland KP-0882 (3/8").
COUPLER HEIGHT	48".
STRUCTURE	Frame with "CAMBER".
FLANGES	3/8" x 5", 100 000 psi steel.
WEB	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel. 27" high at the peak with holes, parachute shaped, to lighten trailer.
GOOSENECK	11 1/4" high, with integrated nose ramp and 48" straight behind king pin.
CROSSMEMBERS	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, 12" centre to centre.
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
FLOOR FASTENING	Two screws per board at each crossmember.
SIDE RAILS	Formed channel 6" @ 4.6 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). N.B.: including boxes at rear bumper.
RUB RAILS	3/8" x 3" flat bars of steel.
CORNERS	Bevelled.
X BRACES	Between main beams, full length.
CHAIN RACK	(4) chain hangers (1/2" plate), hook shaped. Located: curb side
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 a maximum height of 22" from under tubing to ground.
BUMPER	Aluminum plate, bolted between bumper uprights to close rear.
PULL PLATE	Pull plates between uprights of bumper.
POCKETS	2 bolted galvanised 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.
LOGGING	
BUNKS	Qty: 5 sets, (installed at crossmembers) side rail cut. Location: see paradesign (ref: #206820)
STAKES	Qty: 20, aluminum extruded, 3" x 2" x 96" long overall (90" net) with



ITEM	DESCRIPTION
	spring lock for post. N.B. The use of transversal cross chain at mid height is mandatory but is not included.
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, 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.
BACK UP LIGHT(S)	Sealed beam spot light (Grote L.E.D. #62391) in a rubber grommet. Qty:2 Ref:223882
TAIL LIGHTS	Sealed beams (Grote LED #53252, 10 diodes) red, with rubber grommet. Qty: 4 additional, mounted and aligned between the bumper up 1 rights.
TAIL LIGHTS	Sealed beams (Grote DEL #53252, 10 diodes) red. Qty: 1 additional each side. From outside, tail lights and flasher, flasher with parking, brake with parking.
ADDITIONAL MARKER(S)	Sealed beams (Grote MicroNova LED #47963). Qty: 5 additional each side, evenly spaced.
LANDING GEAR	Holland, Mark V (LGS-4F315), with mounting plate.
SAND SHOES	10" x 11 1/2", solid axles.
CRANK	**Long**, installed ROAD side (15 1/4")
BOGIE	
BASIC SUSPENSION	
BOGIE	Fixed.
SUSPENSION	Hendrickson INTRAAX AAT-30K, tridem, 60" spread. N.B.: Wingless suspension bracket.
AXLE(S)	"Soft coat" finish on **Intraax axles** only.
STROKE STOPPERS	Retaining chains for INTRAAX air suspensions with grounded axles.
LIFT DEVICE	Hendrickson "UBL102", bolted (removable) and galvanized, with air system Manac. Controlled: from cab, Located: ***FRONT AXLE***
SPRINGS	Air.
AXLE(S)	LDA, 5 3/4" diameter, 25 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	10" long, 28 splines with enclosures.
TRACK	77 1/2".
DUST SHIELDS	Steel, clamped.
BRAKES	16 1/2" standard, long life H23-HXS Hendrickson lining.
BEARINGS	HM 518445.
SLACK ADJUSTERS	Meritor, automatic, 28 splines.
SEALS	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
BRAKE CHAMBERS	T.S.E. brake, "Omni brake" (30-30), (push rod 9 3/4").



ITEM	DESCRIPTION
HUBS AND DRUMS	(4 years warranty by T.S.E. for parts only). 10 studs disc hubs, balanced drums 104.5 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium wheels.
RIMS	Alcoa, aluminum, "ULTRA ONE", 24.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts.
SPACERS	Wheel guard 10 holes. Located between the inside wheel and the drum and between two wheels.
TIRES	Plant choice 24.5. ***16 ply
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, ABS, 2 sensors 1 modulator.
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.
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
WINCHES	Qty: 12, KINEDYNE #1020SV, silver painted slider (6 7/8").
STRAPS	Qty: 12, nylon, with 1'-6" chain and grab hook, 30' long x 3" wide. (KINEDYNE)
SLIDING TRACK	Full length, "LL" extruded aluminum, road side.
STORAGE BOX(ES)	Qty: 1, TREBOR aluminum CKPL finish box, double doors, hinges on sides, antirack lock. 24" deep x 24" high x 60" wide. ***Located road side, in front of axle.
MUD FLAPS	One set, rubber with Manac logo and vertical grooves to reduce spray.
EXTRA MUD FLAP	(1) mud flap (30" x 48") and (2) mud flaps (24" x 30") installed full width ahead the landing gear.
EXTRA MUD FLAPS	Black rubber w/logo Manac, logo toward the front (#303-0011). Located: Under the flanges ahead of the tridem, 48" wide. (To protect air booster & the suspensions).
RACK	Made of 1/4" formed aluminum plate, 98" inside net, bolted to web and crossmembers. Located at: (1) each side, near the landing gears.
FINISHING	
PAINT	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats Color: black, code: PPG AU37-FP908.
HUBS	Black.
WHEELS OR RIMS	Natural.
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar.
RETROREFLECTIVE TAPES	Retroreflective tapes, gray and red, at front and rear side of each stake.
CONFORMITY	This semi-trailer does not comply with GHG regulations. Should GHG



ITEM	DESCRIPTION
	<p>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.</p>
<p>DISCLAIMER</p> <p>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.</p>	