HALE TRAILER BRAKE & WHEEL

A038991

VIN: S037663

manac

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ITEM	DESCRIPTION
TYPE	TELESCOPIC SEMI-TRAILER, STEEL PLATFORM.
DIMENSIONS	
LENGTH	53'-0" closed.
LENGTH	90'-0" open
OPENINGS	5'-0" increments in closed position.
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), 1/2" x 6", 100 000 psi steel, 24" high.
FLANGES	Male section (interior), 3/4" x 6", 60 000 psi steel, 16 11/16" high.
WEB	1/4", 80 000 psi full length.
GOOSENECK	12 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, galvanized. Bolted, 12" c/c. (for bolted construction)
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
FLOOR FASTENING	Two screws per board at each crossmember.
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 3" flat bars of steel, at top of side pockets. N.B.: Keep a shoulder for welding.
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.
PULL PLATE	Pull plates between outside uprights of bumper.
POCKETS	2 welded pockets at front for removable headboard.
REAR RAIL	1/4" thk, 3 sections bolted. Ref U#195249
BUMPER	Rear of unit with anchor plates for a pin axle.

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, sealed beams, tail lights with male pins #53252, (10 diodes) 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 CONNECTOR	7 way, pin axle
REAR ADD. CONNECTOR	4 way.
TAIL LIGHTS	Sealed beams (Grote DEL #53252, 10 diodes) red. Qty: 1 additionnal each side. From outside, tail lights and flasher, flasher with parking, brake with parking.
ADDITIONAL MARKER(S)	Sealed beams (Grote MicroNova LED (Dot lights #49323, amber), with rubber grommet. Qty: 10 additional each side, evenly spaced.
LANDING GEAR	Holland, Mark V (LGS-4F010), with mounting plate, full galvanized.
SAND SHOES	18" x 18".
CRANK	Road side.
BOGIE	
BASIC SUSPENSION	
BOGIE	Slider, air ride suspension, tridem, 60" spread. *Last axle at 50" from rear. Bogie tubing frame for suspension with 9" mounting height. (96" travel) Legal Canada-USA, (applicable for 53'telescopic)
R	Manac recommands using the bogie in its rearmost positionn when using the 4th axle. Exeptionally, for tight turns, the bogie can be moved forward up to a maximum of 48" to minimize pin-on axle drag and wear on the pin-on axle. The Maximum spread recommended by Manac between the 3rd and 4th axles is 120"
SUSPENSION	Hendrickson INTRAAX AAL-25K (9), tridem, 60" spread. N.B.: Wingless suspension bracket.
LIFT DEVICE	Air lift Hendrickson UBL-202, **bolted and galvanized** kit. For suspension "AAL" 2 1/2" of ground clearance. Located: FRONT **NO WARRANTY ON TIRES AND GROUND AXLES** (flat spot)
SPRINGS	Air.
AXLE(S)	LDA, 5 3/4" diameter, 25 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	28 splines.
TRACK	77 1/2".
DUST SHIELDS	Steel, clamped.
BRAKES	16 1/2" standard, long life H26-HXS Hendrickson lining.
BEARINGS	HM 518445.
SLACK ADJUSTERS	Meritor, automatic, 28 splines. slack 6''
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	WEBB, 10 studs disc hubs, balanced drums 117 lbs, outboard mount, 285.75mm B.C., single flange nuts.

ITEM	DESCRIPTION
	(Heavy duty 25000 lbs cap.) ("Drum" heavy duty 25000 lbs)
RIMS	Alcoa, aluminum, half "ULTRA ONE vHub" and half steel. 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts. Standard duty with standard steel.
SPACERS	Wheel guard 10 holes. Located between two wheels.
TIRES	Continental, 275/80 R 22.5 HSR-2 16 ply (40")
MANUAL STOP BAR(S)	Two, Manac heavy duty, 1 5/8" diameter, galvanized.
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, IABS, 2 sensors 1 modulator.
VALVE	(2) Fast-brake kit.
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. Quick and brake release valves on air lift.
CONTROL BOX	Stainless steel
VALVES	Used to close the supply of air to air bags. (2 per axle) (shut off). Note: Not valid on a steer axle.
AIR TANK	Aluminum.
AUTOMATIC TIRE INFLATION	Automatic Tire inflation System Hendrickson Tiremaax PRO. *** Maximum allowable tire pressure for this device is 120psi *** Warning lamp TIREMAAX installed on road side front radius.
R	Goes with Q#255718
R	Air system for a pin on axle.
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
WINCHES	Qty: 20, ANCRA #49207-127-XZ, zinc plated slider (6 7/8").
SLIDING TRACK	Full length, "LL" extruded aluminum, road side.
LASHING RINGS	Qty: 20, "D" type steel rings recessed in floor, (Buyer B-46) Located at EVENLY SPACED *** Bolted US build. ***
MUD FLAPS	One set, rubber with Manac logo and vertical grooves to reduce spray.
FINISHING	
PAINT	Galvanized plateform. (no paint)
BOGIE	Slider, galvanized steel.
AXLE(S) PAINTED	Gray, code: PPG Q37-939514.
HUBS	Same color as trailer. Gray, code: PPG Q37-939514.
WHEELS OR RIMS	Natural aluminum and white steel (Powder top coat).
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar.
SERIAL PLATE	V.I.N. plate to be stick on an aluminum plate riveted on the frame. (it doesn't stick on galvanized steel)
GALVANIZATION EXTRA PARTS	Extra parts galvanized. webbing
ADDITIONAL OPTIONS	REQUIRE 115,000 GVWR AND 25,000 GAWR

ITEM	DESCRIPTION
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.