

# HALE

## TRAILER

### BRAKE & WHEEL

A028198

VIN: 236319



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ITEM	DESCRIPTION
TYPE APPLICATION	SEMI-TRAILER, COMBO PLATFORM. GALVANIZED SEE SECTION
DIMENSIONS LENGTH	32'-0"
WIDTH HEIGHT	***96", 91" between side rails. Floor, approximately 60" high at front and 54" at rear.
COUPLING COUPLER PLATE KING PIN LOCATION COUPLER HEIGHT	1/4", 80 000 psi steel, plug welded structure. 30" from front. 48".
STRUCTURE FLANGES WEB	***38" c/c frame with "CAMBER". 3/8" x 5", 100 000 psi steel. 1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel. 26" high at the peak with holes, parachute shaped, to lighten trailer.
GOOSENECK CROSSMEMBERS FLOOR	11 1/4" high, with integrated nose ramp and 48" straight behind king pin. 4" high extruded aluminum I beams, 16" center to center. Structural aluminum extrusions, flat type, inverted "T", 1 1/4" high with 3 Apitong or equivalent planks.
FLOOR FASTENING	2 screws per extrusion at first and 2 last crossmembers and 1 screw staggered for other crossmembers.
SIDE RAILS SIDE BOXES	2 rivets per plank at each crossmember. 3 3/4" x 5 13/16" high, extruded aluminum. 3 5/8" x 1 5/8" inside, 4" high, extruded aluminum. CMVSS-905 WLL, 5,500 lbs WLL approved.
RUB RAILS	Aluminum extrusions 3/8" x 2 3/4". Dual rub rail spacers 1" x 1 3/4" as anchor.
CORNERS X BRACES	Bevelled. Between main beams, full length.
ENDS FRONT RAIL	Bolted aluminum extrusion, 7" high, overlapped floor to allow floor plank to walk underneath.
BUMPER	CMVSS 223-RIG approved (in accordance with Canada & USA regulation). Steel uprights integrated to frames, steel 4" x 4" cross bar roll formed tubing at a maximum height of 22" from under tubing to ground.
BUMPER HEADBOARD	Aluminum plate bolted between bumper uprights to close rear. AERO D.O.T. "Duralite bulkheads", 48" high, aluminum, aluminum angles, wraparound 10" on the sides, with retroreflective tapes. ** 96" **
BUMPER REAR RAIL	2 Heavy duty rubber dock, at the end of rear rail. Aluminum extrusion, 6 1/2 high, 16000 lbs lift truck proof.
ELECTRICAL FRONT CONNECTOR	7 way (SAE J560), Phillips brand.



ITEM	DESCRIPTION
<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 #53252, (10 diodes) markers #47122 (2 1/2" dia.) and #47962,73 (MicroNova), licence light #60291.
<b>TURN SIGNAL</b>	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
<b>LANDING GEAR</b>	Holland, Mark V (LGS-4F115), with mounting plate, full galvanized.
<b>SAND SHOES</b>	10" x 11 1/2"
<b>CRANK</b>	Road side.
<b>BOGIE</b>	
<b>BASIC SUSPENSION</b>	Slider, air ride suspension, tandem, 50" spread.
<b>BOGIE</b>	Bogie "Z" frame for suspension with 14" mounting height. (48" travel)
<b>SUSPENSION</b>	Hendrickson INTRAAX AANT-23K (LDA), tandem, 50 " spread. N.B.: Tapered winged narrow suspension bracket. For axles with bearings HM 518445.
<b>SPRINGS</b>	Air.
<b>AXLE(S)</b>	LDA, 5 3/4" diameter, 23 000 lbs. capacity.
<b>SPIDERS</b>	Welded.
<b>CAM SHAFTS</b>	10" long, 28 splines with enclosures.
<b>TRACK</b>	77 1/2".
<b>DUST SHIELDS</b>	Steel, clamped.
<b>BRAKES</b>	16 1/2" standard, long life H23-HXS Hendrickson lining.
<b>BEARINGS</b>	HM 518445.
<b>SLACK ADJUSTERS</b>	Meritor, automatic, 28 splines.
<b>SEALS</b>	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
<b>BRAKE CHAMBERS</b>	T.S.E. brake, "Omnibrake" (30-30), (push rod 9 3/4"). (4 years warranty by T.S.E. for parts only).
<b>HUBS AND DRUMS</b>	WEBB, 10 studs disc hubs, balanced drums 104.5 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium wheels.
<b>RIMS</b>	Alcoa, aluminum, "ULTRA ONE vHub", 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts.
<b>SPACERS</b>	Wheel guard 10 holes. Located between the inside wheel and the drum.
<b>TIRES</b>	Continental, 11 R 22.5 HT3 ECO-PLUS 14 ply (41.2")
<b>MANUAL STOP BAR(S)</b>	Two, Manac 1 3/8" diameter, galvanized.
<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.
<b>CONTROL BOX</b>	Stainless steel
<b>ACCESSORIES</b>	
<b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.
<b>WINCHES</b>	No fixed recessed winches.



ITEM	DESCRIPTION
<b>WINCHES</b>	Qty: 10, ANCRA #49207-127-XZ, zinc plated slider (6 7/8").
<b>SLIDING TRACK</b>	Full length, "LL" extruded aluminum, both side.
<b>STORAGE BOX(ES)</b>	Qty: 1 , TREBOR aluminum CKPL finish box, double doors, hinges on sides, antirack lock. 24" deep x 24" high x 60" wide. Located at CURBSIDE AHEAD OF SUSPENSION
<b>MUD FLAPS</b>	One set, rubber with Manac logo and vertical grooves to reduce spray.
<b>EXTRA MUD FLAPS</b>	One set, rubber with Manac logo and vertical grooves to reduce spray, located behind of front axle.
<b>ANTI-SAIL BRACKETS</b>	Qty: 1 set, for mud flaps.
<b>FINISHING</b>	
<b>PAINT</b>	Ready for Galvanized plateform.
<b>AXLE(S) PAINTED</b>	Same color as trailer.
<b>HUBS</b>	Same color as trailer.
<b>WHEELS OR RIMS</b>	Natural.
<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>GALVANIZED CHOICES</b>	Galvanized choices.
<b>PLATFORM</b>	Galvanized platform. (no paint) ** WARNING: holes parachute shaped required for dripping **
<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.

DISCLAIMER

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