



## Hale Trailer Brake & Wheel

A003874-A003948

VIN: 211419-211493



ITEM	DESCRIPTION
TYPE APPLICATION	SEMI-TRAILER, STEEL PLATFORM LEGEND SD GALVANIZED SEE SECTION
DIMENSIONS LENGTH WIDTH HEIGHT	48'-0" 102", 97" between side rails. Floor, approximately 59 1/2" 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  GOOSENECK CROSSMEMBERS FLOOR FLOOR FASTENING SIDE RAILS SIDE BOXES  RUB RAILS CORNERS X BRACES	44" c/c frame with "CAMBER". 3/8" x 5", high tensile. 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. 11 1/4" high, with integrated nose ramp and 48" straight behind king pin. I beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, galvanised, 12" c/c. Aptitong or equivalent, 1 1/8" thick shiplap finished, no preservative. Screws 10 gauge shaped 80 000 psi steel, 5" width x 5 11/16" height. 3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high, (USA Dimensions). Cargo pockets. 3/8" x 2 1/2" shaped steel. Bevelled. Between main beams, full length.
ENDS FRONT RAIL BUMPER  HEADBOARD  POCKETS BUMPER REAR RAIL	Formed steel, bolted. CMVSS 223-RIG approved (in accordance with Canada & USA regulation). Galvanized (G164) steel, bolted uprights to frames, 4" x 4" cross bar formed tubing at a maximum height of 22" from under tubing to ground. 48" high, steel, 4 uprights and top made of tubing and 11 gauge steel plate installed inside with retroreflective tapes. *** Galvanized *** 2 bolted galvanised pockets at front for removable headboard. 2 rubber dock, at the end of rear rail. Formed steel.
ELECTRICAL FRONT CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM  FLASHERS	7 way (SAE J560). Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. Grote Ultra Blue LED, sealed beams, tail lights, markers lights "Dot", identification lights (2 1/2" dia.), licence light. Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.



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<b>LANDING GEAR</b>	Holland, Mark V (LGS-4F315), with mounting plate & solid axles.
<b>SAND SHOES</b>	*** Galvanized ***
<b>CRANK</b>	10" x 11 1/2". Road side.
<b>BOGIE</b>	
<b>BASIC MECHANICAL</b>	
<b>BOGIE</b>	Slider, Hutch H-9000, "UHMV" slider plastic pads, 4 locking pins, For 49" spread tandem spring suspension. 6" c/c between locating holes, (48" travel).
<b>MECHANICAL (GROUND AXLES)</b>	
<b>SUSPENSION</b>	Hutch H-9700, tandem, under mount, 49" spread.
<b>U-BOLTS</b>	With nuts at bottom.
<b>SPRINGS</b>	3 leaves, model TRA 2741, 12 000 lbs capacity.
<b>AXLE(S)</b>	Meritor, TN 467_L, 22 500 lbs. capacity.
<b>CAM SHAFTS</b>	28 splines.
<b>TRACK</b>	77 1/2".
<b>DUST SHIELDS</b>	None (Meritor axles).
<b>BRAKES</b>	16 1/2" standard, FRAS-LE MA212Q+ extended life lining.
<b>BEARINGS</b>	HM 218248 and HM 212049
<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, "Omni brake" (30-30). (4 years warranty by T.S.E. for parts only).
<b>HUBS AND DRUMS</b>	10 stud disc hubs, balanced drums outboard mount, 285.75mm B.C., single flange nuts. For dual aluminum wheels.
<b>RIMS</b>	22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes.
<b>TIRES</b>	General, 11 R 22.5 HT                      14 ply      (41.1")
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed.
<b>AIR VALVES</b>	Meritor Wabco, ABS, 2 sensors 1 modulator.
<b>ACCESSORIES</b>	
<b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.
<b>MUD FLAPS</b>	One set, rubber with moose logo and vertical grooves to reduce spray.
<b>SLIDING TRACK</b>	Full length, "LL" extruded aluminum, road side.
<b>WINCHES</b>	Qty: 12, KINEDYNE #1020ZP, zinc plated slider (low profil 5 7/8").
<b>FINISHING</b>	
<b>PAINT</b>	Ready for Galvanized plateform.
<b>BOGIE</b>	One coat of epoxy primer and one acrylic urethane top coats, Color: Grey metallic, code: PPG Q37-939514.
<b>RETROREFLECTIVE TAPES</b>	Axles (wheel end) included. (Tandem). Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar.
<b>WHEELS OR RIMS</b>	White (power top coat).



ITEM	DESCRIPTION
PAINT	Vin plate to be made of metal. Pre-drill the web prior to galvanizing
GALVANIZED CHOICES	Galvanized choices.
PLATFORM	Galvanized plateform. (no paint) ** WARNING: holes parachute shaped required for dripping **
CROSSMEMBERS	Galvanized
FRONT RAIL	Galvanized
SIDE RAIL	Galvanized
REAR RAIL	Galvanized
BUMPER	Galvanized
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.	