



## Hale Trailer Brake & Wheel

A013421-A013435

VINS: 219695-219709



ITEM	DESCRIPTION
<b>TYPE</b>	SEMI-TRAILER, COMBO DROP PLATFORM LEGEND SD
<b>DIMENSIONS</b>	
<b>LENGTH</b>	48'-0"
<b>WIDTH</b>	102", 97" between side rails.
<b>HEIGHT</b>	Floor, approximately 59" high at front and 41" at the bumper.
<b>DROP HEIGHT</b>	20", located at 10'-6" from front.
<b>COUPLING</b>	
<b>COUPLER PLATE</b>	1/4", 80 000 psi steel, plug welded structure.
<b>KING PIN LOCATION</b>	18" from front.
<b>COUPLER HEIGHT</b>	48".
<b>STRUCTURE</b>	44" c/c frame with "CAMBER".
<b>FLANGES</b>	3/8" x 5", 100 000 psi steel, goose neck section.
<b>WEB</b>	1/2" x 5", high tensile, 24" high in center and 16 1/2" above suspension. 1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel. 24" high, with holes, parachute shaped, to lighten trailer.
<b>GOOSENECK</b>	11 1/4" high, 48" straight behind king pin.
<b>CROSSMEMBERS</b>	1 beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, galvanised, 16" c/c in gooseneck and the remaining 12" c/c.
<b>FLOOR</b>	Structural aluminum extrusions, flat type, inverted "T", 1 1/8" high with 4 Apitong or equivalent planks.
<b>FLOOR FASTENING</b>	Screws.
<b>SIDE RAILS</b>	4 3/8" x 5 11/16" high, extruded aluminum. ("Legend" model)
<b>SIDE BOXES</b>	3 5/8" x 1 5/8" inside, 4" high, extruded aluminum. CMVSS-905 WLL, 5,500 lbs WLL approved.
<b>RUB RAILS</b>	Aluminum extrusions 3/8" x 2 3/4". Single rub rail spacers 1" x 1 3/4" as anchor.
<b>CORNERS</b>	Bevelled.
<b>FENDERS</b>	Reinforcement over tires at rear, steel tubing structure, galvanized (G164), floor full length.
<b>KNEE BRACES</b>	3/16" formed steel plates, galvanized (G164), bolted in web and a crossmembers located each side.
<b>X BRACES</b>	Between main beams, full length.
<b>ENDS</b>	
<b>FRONT RAIL</b>	Bolted aluminum extrusion, 7" high, overlapped floor to allow floor plank to walk underneath.
<b>BUMPER</b>	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.
<b>POCKETS</b>	2 bolted galvanised pockets at front for removable headboard.
<b>BUMPER</b>	2 Heavy duty rubber dock, at the end of rear rail.
<b>REAR RAIL</b>	Formed steel, galvanized.
<b>ELECTRICAL</b>	
<b>FRONT CONNECTOR</b>	7 way (SAE J560).



ITEM	DESCRIPTION
<b>FRONT ADD. CONNECTOR</b> <b>ELECTRICAL SYSTEM</b> <b>MAIN SYSTEM</b> <b>FLASHERS</b>	7 way (ISO 3731), for auxiliary functions only. 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.
<b>LANDING GEAR</b> <b>SAND SHOES</b> <b>CRANK</b>	AXN,(LG50DUN) 10" x 10". Road side.
<b>BOGIE</b> <b>BASIC MECHANICAL</b> <b>BOGIE</b>	Fixed, for tandem 122" spread.
<b>MECHANICAL (GROUND AXLES)</b> <b>SUSPENSION</b>  <b>SPRINGS</b> <b>AXLE(S)</b> <b>CAM SHAFTS</b> <b>TRACK</b> <b>DUST SHIELDS</b> <b>BRAKES</b> <b>BEARINGS</b> <b>SLACK ADJUSTERS</b> <b>SEALS</b> <b>BRAKE CHAMBERS</b>  <b>HUBS AND DRUMS</b>  <b>RIMS</b>  <b>SPACERS</b> <b>TIRES</b>	Hendrickson INTRAAX AANL-23K (6.5), tandem. N.B.: Winged suspension bracket. For axles with bearings HM 218248 and HM 212049. Air. LDA, 5 3/4" diameter, 23 000 lbs. capacity. 28 splines with enclosures, 10" long. 77 1/2". None (Intraax axles). 16 1/2" standard, long life H20-HXS Hendrickson lining. HM 218248 and HM 212049. Meritor, automatic, 28 splines. Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90. T.S.E. brake, "Omnibrake" (30-30), (push rod 9 3/4"). (4 years warranty by T.S.E. for parts only). 10 stud disc hubs, balanced drums outboard mount, 285.75mm B.C., single flange nuts. For dual aluminum wheels. Alcoa, aluminum, half "ULTRA ONE" and half steel. 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts. Wheel guard 10 holes. Located between two wheels. Continental, 255/70 R 22.5 HSR2 SA                      16 ply      (36.6")
<b>AIR SYSTEM</b> <b>GLAD HANDS</b> <b>AIR VALVES</b> <b>VALVE(S)</b> <b>VALVE(S)</b>	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator. Automatic blow down valve, WITHOUT control box, Blow down valve on REAR axle, controlled from the cab, activated when the cruising speed is lower than 16 Km (10 mph), warning light installed road side facing the axle when the blow down valve is activated, without break release.
<b>ACCESSORIES</b> <b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.



ITEM	DESCRIPTION
<b>MUD FLAPS</b> <b>SLIDING TRACK</b> <b>STORAGE BOX(ES)</b>	One set, rubber with moose logo and vertical grooves to reduce spray. Full length, "LL" extruded aluminum, road side. Qty: 1 , smooth aluminum box, double doors, hinges on sides, antirack lock. *** 18" *** deep x 18" high x 60" wide. Located at R/S BETWEEN SPREAD
<b>FINISHING</b> <b>PAINT</b>  <b>BOGIE</b>  <b>RETROREFLECTIVE TAPES</b>  <b>WHEELS OR RIMS</b>	Shot blasted, one coat of epoxy primer and one acrylic polyurethane top coats Color: black, code: PPG CCA947255-55. One coat of epoxy primer and one acrylic urethane top coats, Color: black, code: PPG CCA947255-55. 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. Natural aluminum and white steel (Powder top coat).
<b>ADDITIONAL OPTIONS</b> <b>R</b>	TO REPLACE THE SPEC OF 219695-709 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 or customer a minimum of 3 months prior to assembly with revised pricing or a change in components.
<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

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.