



## Hale Trailer Brake & Wheel A003014



ITEM	DESCRIPTION
<b>TYPE</b>	SEMI-TRAILER, COMBO DROP PLATFORM LEGEND SD
<b>DIMENSIONS</b>	
<b>LENGTH</b>	53'-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 *** 11'-0" *** from front.
<b>COUPLING</b>	
<b>COUPLER PLATE</b>	1/4", 80 000 psi steel, plug welded structure.
<b>KING PIN LOCATION</b>	30" from front.
<b>COUPLER HEIGHT</b>	48".
<b>STRUCTURE</b>	44" c/c frame with *** minimum *** "CAMBER".
<b>FLANGES</b>	1/2" x 5", 100 000 psi steel, 24" high in center and 16 1/2" above suspension.
<b>WEB</b>	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.
<b>RUB RAILS</b>	CMVSS-905 WLL, 5,500 lbs WLL approved. 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>HEADBOARD</b>	48" high, aluminum, unpainted, 4 uprights and top made of tubing and 1/8" aluminum checker plate installed inside with retroreflective tapes. (this bulkhead is NOT D.O.T.)
<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.



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REAR RAIL	Formed steel, galvanized.
<b>ELECTRICAL</b> <b>FRONT CONNECTOR</b> <b>FRONT ADD. CONNECTOR</b> <b>ELECTRICAL SYSTEM</b> <b>MAIN SYSTEM</b> <b>FLASHERS</b>	7 way (SAE J560). **6** way, 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>	Holland, Mark V (LGS-4F315). (solis axle) *** Galvanized *** 10" x 11 1/2" Road side.
<b>BOGIE</b> <b>BASIC MECHANICAL</b> <b>BOGIE</b>	Fixed, for tandem 122" spread. *** KP 43' TO C/L OF REAR AXLE *** *** 90" center of rear axle to rear ***
<b>MECHANICAL (GROUND AXLES)</b> <b>SUSPENSION</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>TIRES</b>	Hendrickson INTRAAX AANL-23K (6.5), tandem. N.B.: Winged suspension bracket. For axles with bearings HM 218248 and HM 212049. "Soft coat". *** Available on all type of bogies INTRAAX (fixed or sliding)*** 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. 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes. General, 255/70 R 22.5 HT                      16 ply      (36.6")
<b>AIR SYSTEM</b> <b>GLAD HANDS</b> <b>AIR VALVES</b> <b>VALVE(S)</b>	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator. Automatic blow down valve, WITHOUT control box,



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<b>VALVE(S)</b>	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> <b>MUD FLAPS</b> <b>SLIDING TRACK</b> <b>WINCHES</b> <b>STRAPS</b> <b>STORAGE BOX(ES)</b>	One plastic, Betts-PS-1 or equivalent. One set, rubber with moose logo and vertical grooves to reduce spray. Full length, "LL" extruded aluminum, both side. Qty: 14, KINEDYNE #1020ZP, zinc plated slider (low profil 5 7/8"). Qty: 14, nylon winch straps with flat hook, 30' long x 4" wide. Qty: 1, smooth aluminum box, double doors, hinges on sides, antirack lock. 24" deep x 18" high x 60" wide. Located at R/S AHEAD OF SUSPENSION MOUNTED LOW FOR WINCHES TO PASS
<b>FINISHING</b> <b>PAINT</b> <b>FINISHING</b> <b>BOGIE</b>  <b>RETROREFLECTIVE TAPES</b>  <b>WHEELS OR RIMS</b> <b>AXLES</b> <b>PAINT</b>	Trailer not painted and no primer applied. Trailer frame prepared and shipped to AZZ Galvanizer to be galvanized. One coat of epoxy primer and one acrylic urethane top coats, Color: *** GREY ***, 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. White (power top coat). *** PAINTED GREY *** Vin plate to be made of metal. Pre-drill the web prior to galvanizing
<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.