

# HALE

## TRAILER

### BRAKE & WHEEL

A022161-A022181  
VIN: 231282-231302



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ITEM	DESCRIPTION
<b>TYPE</b>	SEMI-TRAILER, STEEL 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>	*** 3/8"***.
<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>	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>	I 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>	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
<b>FLOOR FASTENING</b>	Screws.
<b>SIDE RAILS</b>	10 gauge shaped 80 000 psi steel, 5" width x 5 11/16" height.
<b>SIDE BOXES</b>	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high, (USA Dimensions). Cargo pockets.
<b>RUB RAILS</b>	3/8" x 2 1/2" shaped steel.
<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>	Formed steel, bolted.
<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 rubber dock, at the end of rear rail.
<b>REAR RAIL</b>	Formed steel.
<b>ELECTRICAL</b>	
<b>FRONT CONNECTOR</b>	7 way (SAE J560).
<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, markers lights "Dot", identification lights (2 1/2" dia.), licence light.



ITEM	DESCRIPTION
<b>FLASHERS</b>	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
<b>LANDING GEAR SAND SHOES CRANK</b>	AXN, (LG50DUN) 10" x 10". Road side.
<b>BOGIE BASIC MECHANICAL BOGIE</b>	Fixed, for tandem 122" spread.
<b>MECHANICAL (GROUND AXLES) SUSPENSION</b>  <b>SPRINGS AXLE(S) CAM SHAFTS TRACK DUST SHIELDS BRAKES BEARINGS SLACK ADJUSTERS SEALS 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. 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 H23-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. Continental, 255/70 R 22.5 HSR2 SA            16 ply    (36.6")
<b>AIR SYSTEM GLAD HANDS AIR VALVES VALVE(S)</b>	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator. Automatic blow down valve, WITHOUT control box,
<b>ACCESSORIES REGISTRATION HOLDER MUD FLAPS SLIDING TRACK WINCHES</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, road side. Qty: 12, ANCRA #49207-137-XZ, zinc plated slider (low profil 5 7/8").
<b>FINISHING PAINT  BOGIE</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).



ITEM	DESCRIPTION
<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>WHEELS OR RIMS</b>	White (power top coat).
<b>AXLES</b>	*** painted black axles ***

**ADDITIONAL OPTIONS**

Due to 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 customer a minimum of 3 months prior to assembly with revised pricing or a change in components. At that time, the customer will have the option to accept the change or cancel the order. This will prevent any cancellation fees from our REF. U#184650

**DISCLAIMER**

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