



## Hale Trailer Brake & Wheel

A005458-A005463

VIN: 211846-211851



ITEM	DESCRIPTION
<b>TYPE</b>	SEMI-TRAILER, STEEL DROP PLATFORM
<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>	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. 26" high at the peak 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>	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
<b>FLOOR FASTENING</b>	Two screws per board at each crossmember.
<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 roll formed tubing at a maximum height of 22" from under tubing to ground.
<b>HEADBOARD</b>	48" high, steel, 4 uprights and top made of tubing and 11 gauge steel plate installed inside with retroreflective tapes. *** Galvanized ***
<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>	13" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2" shaped steel.
<b>ELECTRICAL</b>	



ITEM	DESCRIPTION
<b>FRONT CONNECTOR</b>	7 way (SAE J560), Phillips brand.
<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 #54332, markers lights Micronova #47962, 47973, identification lights #47122 (2 1/2" dia.), licence light #60291-3).
<b>FLASHERS</b>	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
<b>LANDING GEAR</b>	Holland, ATLAS 55 (LG442B), with mounting plate.
<b>SAND SHOES</b>	10" x 10".
<b>CRANK</b>	Road side.
<b>BOGIE</b>	
<b>BASIC MECHANICAL</b>	Basic mechanical for sales book.
<b>BOGIE</b>	Fixed, for tandem 50" spread. *** Last axle at 60" from rear ***
<b>MECHANICAL (GROUND AXLES)</b>	
<b>SUSPENSION</b>	Hendrickson INTRAAX AANL-23K (6.5), tandem. N.B.: Winged suspension bracket. For axles with bearings HM 218248 and HM 212049.
<b>SPRINGS</b>	Air.
<b>AXLE(S)</b>	LDA, 5 3/4" diameter, 23 000 lbs. capacity.
<b>CAM SHAFTS</b>	28 splines with enclosures, 10" long.
<b>TRACK</b>	77 1/2".
<b>DUST SHIELDS</b>	Steel, clamped.
<b>BRAKES</b>	16 1/2" standard, long life H20-HXS Hendrickson 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, "Omnibrake" (30-30), (push rod 9 3/4"). (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, 255/70 R 22.5 HT                      16 ply      (36.6")
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed.
<b>AIR VALVES</b>	Meritor Wabco, ABS, 2 sensors 1 modulator.
<b>VALVE(S)</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>MUD FLAPS</b>	One set, rubber with Manac logo and vertical grooves to reduce spray.
<b>EXTRA MUD FLAPS</b>	Deduct 1 set, rubber with Manac logo



ITEM	DESCRIPTION
<b>SLIDING TRACK</b> <b>WINCHES</b> <b>STRAPS</b>	Full length, "LL" extruded aluminum, road side. Qty: 12, KINEDYNE #1020ZP, zinc plated slider (low profil 5 7/8"). Qty: 12, nylon winch straps with flat hook, 30' long x 4" wide.
<b>FINISHING</b> <b>PAINT</b> <b>FINISHING</b>  <b>PAINT</b>  <b>RETROREFLECTIVE TAPES</b>  <b>WHEELS OR RIMS</b> <b>PAINT</b>	Trailer not painted and no primer applied. Trailer frame prepared and shipped to AZZ Galvanizer to be galvanized.  Galvanized Siderails, front sill, and rear sill No paint or primer applied 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). Vin plate to be made of metal. Pre-drill the web prior to galvanizing
<b>ADDITIONAL OPTIONS</b>	*** SAME AS U#201304 EXCEPT GALVANIZED HEADBOARD ADDED ***
<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.