



## Hale Trailer Brake & Wheel

A014223-A014228

VINS: 219739-219744



ITEM	DESCRIPTION
<b>TYPE</b> <b>APPLICATION</b>	SEMI-TRAILER, STEEL PLATFORM. GALVANIZED SEE SECTION
<b>DIMENSIONS</b>	
<b>LENGTH</b>	48'-0"
<b>WIDTH</b>	102", 97" between side rails.
<b>HEIGHT</b>	Floor, approximately 60" high at front and 54" at rear.
<b>COUPLING</b>	
<b>COUPLER PLATE</b>	3/8", plug welded structure.
<b>KING PIN LOCATION</b>	30" from front.
<b>KING PIN</b>	Bolted, 2" diameter, Holland KP-0882 (3/8").
<b>COUPLER HEIGHT</b>	48".
<b>STRUCTURE</b>	Frame with "CAMBER".
<b>FLANGES</b>	3/8" x 5", 100 000 psi steel.
<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, with integrated nose ramp and 48" straight behind king pin.
<b>CROSSMEMBERS</b>	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, 12" centre to centre, installed with stiffeners angle.
<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. (With galvanized flatbed or crossmembers)
<b>SIDE RAILS</b>	Formed channel 6" @ 4.6 lbs/ft.
<b>SIDE BOXES</b>	3/16" steel plate, 1 15/16" x 3 1/16" interior, 4" high, for 1 3/4" x 2 3/4" stakes. (Canadian dimensions). N.B.: including boxes at rear bumper.
<b>RUB RAILS</b>	3/8" x 2 1/2" shaped steel.
<b>CORNERS</b>	Bevelled.
<b>X BRACES</b>	Between main beams, full length.
<b>ENDS</b>	
<b>FRONT RAIL</b>	Formed steel 1/4".
<b>BUMPER</b>	CMVSS 223-RIG approved (in accordance with Canada & USA regulations). Uprights integrated with frames, 4" x 4" cross bar roll formed tubing at a maximum height of 22" from under tubing to ground.
<b>BUMPER</b>	Aluminum plate, bolted between bumper uprights to close rear.
<b>PULL PLATE</b>	Pull plates between uprights of bumper.
<b>HEADBOARD</b>	48" high, steel, 4 uprights and top made of tubing, steel plate 1/4" x 12" high, starting from bottom, remaining 4# expended metal installed inside with retroreflective tapes. **GALVANIZED HEADBOARD**
<b>POCKETS</b>	2 bolted galvanised pockets at front for removable headboard.
<b>REAR RAIL</b>	11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2" shaped steel, bolted to frame.
<b>ELECTRICAL</b>	



ITEM	DESCRIPTION
FRONT CONNECTOR FRONT ADD. CONNECTOR	7 way (SAE J560), Phillips brand. 7 way (ISO 3731), for auxiliary functions only.
ELECTRICAL SYSTEM MAIN SYSTEM	***LIFT DEVICE CONTROLLED FROM CAB*** Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. Grote Ultra Blue LED, sealed beams, tail lights with male pins #53252 (10 diodes), markers #47122, 47233 (2 1/2" dia.), licence light #60280-M).
TURN SIGNAL	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
BACK UP LIGHT(S)	Type sealed beam spot light (Grote #62391 LED), Qty: 2 (in the sill)
TAIL LIGHTS	Sealed beams (Grote DEL #53252, 10 diodes) red. Qty: 1 additionnal each side. From outside, tail lights and flasher, flasher with parking, brake with parking.
LANDING GEAR SAND SHOES CRANK	Holland, Mark V (LGS-4F315), with mounting plate, solid axles, galvanized. 10" x 11 1/2", solid axles. Road side.
BOGIE BASIC SUSPENSION BOGIE SUSPENSION	Fixed. Hendrickson INTRAAX AAT-25K, tridem, 60" spread. N.B.: Wingless suspension bracket. For axles with bearings HM 518445.
LIFT DEVICE	Air lift Hendrickson "UBL-102". **bolted and galvanized**. LOCATED ON FRONT AXLE CONTROLLED FROM CAB
SPRINGS	Air.
AXLE(S)	LDA, 5 3/4" diameter, 25 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	10" long, 28 splines with enclosures.
TRACK	77 1/2".
DUST SHIELDS	Steel, clamped.
BRAKES	16 1/2" standard, long life H23-HXS Hendrickson lining.
BEARINGS	HM 518445.
SLACK ADJUSTERS	Meritor, automatic, 28 splines.
SEALS	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
BRAKE CHAMBERS	T.S.E. brake, "Omnibrake" (30-30), (push rod 9 3/4"). (4 years warranty by T.S.E. for parts only).
HUBS AND DRUMS	WEBB, 10 studs disc hubs, balanced drums 104.5 lbs, outboard mount, 285.75mm B.C., single flange nuts.
RIMS	For dual aluminium wheels. 24.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes.
TIRES	Plant choice 24.5. ***16PLY
AIR SYSTEM	



ITEM	DESCRIPTION
<b>GLAD HANDS</b> <b>AIR VALVES</b> <b>VALVE</b>  <b>CONTROL BOX</b>	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator. Manual blow down valve in a control box, WITHOUT auto-reset feature, including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table. Stainless steel
<b>ACCESSORIES</b> <b>REGISTRATION HOLDER</b> <b>WINCHES</b>  <b>WINCHES</b> <b>SLIDING TRACK</b> <b>MUD FLAPS</b> <b>EXTRA MUD FLAPS</b>	One plastic, Betts-PS-1 or equivalent. Qty: 2 , KINEDYNE #3820SPCNP (6.5"), fixed recessed, Located: REF#212875 Qty: 13, KINEDYNE #1020S-SV, silver painted slider (6 7/8"). Full length, "LL" extruded aluminum, road side. One set, rubber with Manac logo and vertical grooves to reduce spray. Black rubber w/logo Manac, logo toward the front (#303-0011). Located: Under the flanges ahead of the tridem, 48" wide. (To protect air booster & the suspensions). Ref. 212875.
<b>FINISHING</b> <b>PAINT</b> <b>HUBS</b> <b>WHEELS OR RIMS</b> <b>RETROREFLECTIVE TAPES</b>	Ready for Galvanized plateform. Black. Powder top coat white. Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar.
<b>ADDITIONAL OPTIONS</b>	REF#212875
<b>GALVANIZED CHOICES</b> <b>PLATFORM</b>	Galvanized choices. Galvanized platform. (no paint) ** WARNING: holes parachute shaped required for dripping **
<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.