

# HALE TRAILER BRAKE & WHEEL

A028531-A028533  
TEMP VIN: S027462-S027464



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ITEM	DESCRIPTION
<b>TYPE</b> <b>APPLICATION</b>	SEMI-TRAILER, COMBO PLATFORM GALVANIZED SEE SECTION
<b>DIMENSIONS</b> <b>LENGTH</b> <b>WIDTH</b> <b>HEIGHT</b>	45'-0" length. (for combo) 102", 97" between side rails. Floor, approximately 59 1/2" high at front and 54" at rear.
<b>COUPLING</b> <b>COUPLER PLATE</b> <b>KING PIN LOCATION</b> <b>COUPLER HEIGHT</b> <b>COUPLING</b>	3/8", plug welded structure. 30" from front. 48". Add weight on front part of the platform (300 pounds) to counter-balance the weight of the lift truck when the platform is unloaded.
<b>STRUCTURE</b> <b>FLANGES</b> <b>WEB</b>  <b>GOOSENECK</b> <b>CROSSMEMBERS</b> <b>FLOOR</b>  <b>FLOOR FASTENING</b>  <b>SIDE RAILS</b> <b>SIDE BOXES</b>  <b>RUB RAILS</b>  <b>CORNERS</b> <b>X BRACES</b>	44" c/c frame with "CAMBER". 3/8" x 5", 100 000 psi steel. 1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel. 27" high at the peak with holes, parachute shaped, to lighten trailer. 11 1/4" high, with integrated nose ramp and 48" straight behind king pin. 1 beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, galvanised, 16" c/c. Structural aluminum extrusions, flat type, inverted "T", 1 1/4" high with 3 Apitong or equivalent planks. 2 screws per extrusion at first and 2 last crossmembers and 1 screw staggered for other crossmembers. 2 rivets per plank at each crossmember. 3 3/4" x 5 13/16" high, extruded aluminum, Cargo Rail integrated. 3 5/8" x 1 5/8" inside, 4" high, extruded aluminum. CMVSS-905 WLL, 5,500 lbs WLL approved. Aluminum extrusions 3/8" x 2 3/4". Dual rub rail spacers 1" x 1 3/4" as anchor. Bevelled. Between main beams, full length.
<b>ENDS</b> <b>FRONT RAIL</b>  <b>BUMPER</b>          <b>BUMPER</b> <b>HEADBOARD</b>          <b>POCKETS</b> <b>BUMPER</b> <b>REAR RAIL</b>	Bolted aluminum extrusion, 7" high, overlapped floor to allow floor plank to walk underneath. Galvanized kit fabricated by Manac equivalent to Horton Eng.. It's a UNIVERSAL KIT, to be able to do either types: CHAINS OR HOOKS TYPE. Rear axle located at 68" minimum. **GALVANIZED**. (Including 7 way plug). Brand: MOFFETT & model: ?????????????? The forklift form must be completed Aluminum plate bolted between bumper uprights to close rear. 48" high, steel, 4 uprights and top made of tubing and 11 gauge steel plate installed inside with retroreflective tapes. (this bulkhead is NOT D.O.T.) *** Galvanized *** 2 bolted galvanised pockets at front for removable headboard. 2 Heavy duty rubber dock, at the end of rear rail. Aluminum extrusion, 6 1/2 high, 16000 lbs lift truck proof,

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	including 3 boxes integrated.
<b>ELECTRICAL</b>	
<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>TAIL LIGHTS</b>	Sealed beams (Grote DEL #54332) red. Qty: 1 additionnal each side. From outside, tail lights and flasher, flasher with parking, brake with parking.
<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 49 " spread.
<b>MECHANICAL (GROUND AXLES)</b>	
<b>SUSPENSION</b>	Hendrickson INTRAAX AANT-23K, tandem. N.B.: Tapered 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>	None (Intraax axles).
<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>	TSE S-ASA, 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>	Doublecoin, 11 R 22.5 TR100 14 ply (41.0")
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed.
<b>AIR VALVES</b>	Meritor Wabco, IABS, 2 sensors 1 modulator.
<b>VALVE(S)</b>	Automatic blow down valve, WITHOUT control box,
<b>ACCESSORIES</b>	

ITEM	DESCRIPTION
<b>REGISTRATION</b> <b>HOLDER MUD FLAPS</b> <b>EXTRA MUD FLAPS</b> <b>SLIDING TRACK</b> <b>WINCHES</b>	One plastic, Betts-PS-1 or equivalent. One set, rubber with Manac logo and vertical grooves to reduce spray. None Full length, "LL" extruded aluminum, road side. Qty: 14, ANCRA #49207-137-XZ, zinc plated slider (low profil 5 7/8").
<b>FINISHING</b> <b>PAINT</b> <b>BOGIE</b>  <b>RETROREFLECTIVE TAPES</b>  <b>WHEELS OR RIMS</b> <b>PAINT</b>	Ready for Galvanized platform. One coat of epoxy primer and one acrylic urethane top coats, Color: GREY metallic, code: Q37-939514. Axles (wheel end) included. (Tandem). Axle line type: Color: GREY metallic, code: Q37-939514. 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>	estimated empty weight is 12,033 LBS +/- 3% As you are certainly aware, the recent economic and political climate have presented several challenges, including continued uncertainties surrounding existing and potential future tariffs. These uncertainties have had in impact on costs of raw materials and components used in the manufacturing of our semi-trailers.
<b>GALVANIZED CHOICES</b> <b>PLATFORM</b>	Galvanized choices. Galvanized frame. (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.

