

# HALE

## TRAILER

### BRAKE & WHEEL

A034697

VIN: S033466



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ITEM	DESCRIPTION
<b>TYPE</b>	SEMI-TRAILER, COMBO PLATFORM.
<b>APPLICATION</b>	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>	1/4", 80 000 psi steel, plug welded structure.
<b>COUPLER</b>	Weight on front part of platform to counter-balance the lift truck weight. (1100 lbs) (galvanized)
<b>KING PIN LOCATION</b>	30" from front.
<b>COUPLER HEIGHT</b>	48".
<b>COUPLER</b>	Weight on front part of platform to counter-balance the lift truck weight. (800 lbs) Galvanize counterweights. (qty multiple of 100 lbs)
<b>STRUCTURE</b>	44" c/c 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>	4" high extruded aluminum I beams, 16" center to center.
<b>FLOOR</b>	Structural aluminum extrusions, flat type, inverted "T", 1 1/4" high with 3 Apitong or equivalent planks.
<b>FLOOR FASTENING</b>	2 screws per extrusion at first and 2 last crossmembers and 1 screw staggered for other crossmembers. 2 rivets per plank at each crossmember.
<b>SIDE RAILS</b>	3 3/4" x 5 13/16" high, extruded aluminum, Cargo Rail integrated.
<b>SIDE BOXES</b>	3 5/8" x 1 5/8" inside, 4" high, extruded aluminum. CMVSS-905 WLL, 5,500 lbs WLL approved.
<b>RUB RAILS</b>	Aluminum extrusions 3/8" x 2 3/4". Dual rub rail spacers 1" x 1 3/4" as anchor.
<b>CORNERS</b>	Bevelled.
<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>	Modified, ready to receive fork lift MOFFETT: M5 50 4P NX Hanger type CHAINS. Wheel support. Cross bar with sliding extension. Rear axle located at 58" from rear. **Caution: An additional counterweight might be needed with this application* (800lbs are include in option 13.030 interrelated)
<b>BUMPER</b>	2 tubing 8" x 3" x 1/4" for forks storage.



ITEM	DESCRIPTION
<b>HEADBOARD</b>  <b>BUMPER</b> <b>REAR RAIL</b>	Located between uprights of bumper. AERO D.O.T. "Duralite bulkheads", 48" high, aluminum, aluminum angles, wraparound 10" on the sides, with retroreflective tapes. 2 Heavy duty rubber dock, at the end of rear rail. 10 1/2" high, formed steel plate 1/4" thick. **Licence plate visible with Moffett attached
<b>ELECTRICAL</b> <b>FRONT CONNECTOR</b> <b>ELECTRICAL SYSTEM</b> <b>MAIN SYSTEM</b>  <b>TURN SIGNAL</b>  <b>REAR ADD. CONNECTOR</b>	7 way (SAE J560), Phillips brand. Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. 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). Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber. 7 way.
<b>LANDING GEAR</b> <b>SAND SHOES</b> <b>CRANK</b>	Holland, Mark V (LGS-4F115), with mounting plate, full galvanized. 10" x 11 1/2" Road side.
<b>BOGIE</b> <b>BASIC SUSPENSION</b> <b>BOGIE</b>  <b>SUSPENSION</b>  <b>SPRINGS</b> <b>AXLE(S)</b> <b>SPIDERS</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>SPACERS</b>  <b>TIRES</b> <b>MANUAL STOP BAR(S)</b>	Slider, air ride suspension, tandem, 50" spread. Bogie "Z" frame for suspension with 14" mounting height. (48" travel) Hendrickson INTRAAX AANT-23K (LDA), tandem, 50 " spread. N.B.: Tapered winged narrow suspension bracket. For axles with bearings HM 518445. Air. LDA, 5 3/4" diameter, 23 000 lbs. capacity. Welded. 10" long, 28 splines with enclosures. 77 1/2". Steel, clamped. 16 1/2" standard, long life H23-HXS Hendrickson lining. HM 518445. 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). WEBB, 10 studs disc hubs, balanced drums 104.5 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium wheels. Alcoa, aluminum, "ULTRA ONE vHub", 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts. Wheel guard 10 holes. Located between the inside wheel and the drum. Continental, 295/75 R 22.5 HT3 ECO-PLUS 14 ply (39.7") Two, Manac 1 3/8" diameter, galvanized.



ITEM	DESCRIPTION
<b>AIR SYSTEM</b> <b>GLAD HANDS</b> <b>AIR VALVES</b> <b>VALVE</b>  <b>CONTROL BOX</b> <b>VALVES</b>	Fixed. Meritor Wabco, IABS, 2 sensors 1 modulator. Manual blow down valve in a control box, with auto-reset feature. Stainless steel Used to close the supply of air to air bags. (2 per axle) (shut off).
<b>ACCESSORIES</b> <b>REGISTRATION HOLDER</b> <b>WINCHES</b> <b>WINCHES</b> <b>SLIDING TRACK</b> <b>STORAGE BOX(ES)</b>  <b>MUD FLAPS</b> <b>EXTRA MUD FLAPS</b>  <b>CARGO HANDS</b> <b>WINCH BAR STORAGE</b>  <b>ANTI-SAIL BRACKETS</b>	One plastic, Betts-PS-1 or equivalent. No fixed recessed winches. Qty: 12, ANCRA #49207-137-XZ, zinc plated slider (5 7/8"). Full length, "LL" extruded aluminum, both side. Qty: 1 , TREBOR aluminum CKPL finish box, double doors, hinges on sides, antirack lock. 24" deep x 24" high x 60" wide. Located at CURBSIDE AHEAD OF SUSPENSION One set, rubber with Manac logo and vertical grooves to reduce spray. One set, rubber with Manac logo and vertical grooves to reduce spray, located behind of front axle. None. (1) steel tubing to store a winch bar. Located: on the headboard at R/S REF#230198 Qty: 1 set, for mud flaps.
<b>FINISHING</b> <b>PAINT</b> <b>AXLE(S) PAINTED</b> <b>HUBS</b> <b>WHEELS OR RIMS</b> <b>RETROREFLECTIVE TAPES</b>	Ready for Galvanized plateform. Same color as trailer. Same color as trailer. Natural. Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar.
<b>GALVANIZED CHOICES</b> <b>PLATEFORM</b>  <b>COUNTERWEIGHTS</b> <b>GALVANIZATION EXTRA PARTS</b>	Galvanized choices. Galvanized plateform. (no paint) ** WARNING: holes parachute shaped required for dripping ** Galvanized forklift counterweights. Extra parts galvanized.
<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.