

HALE

TRAILER

BRAKE & WHEEL

A026947

VIN: 235686



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ITEM	DESCRIPTION
TYPE APPLICATION	SEMI-TRAILER, STEEL DROP PLATFORM. GALVANIZED SEE SECTION
DIMENSIONS	
LENGTH	48'-0"
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 61" high at front and 39" at the bumper.
DROP HEIGHT	20", located at 10'-6" from front.
COUPLING	
COUPLER PLATE	3/8", plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	49"
STRUCTURE	
FLANGES	Frame with "CAMBER". 1/2" x 5", 100 000 psi steel. ***MINIMUM 1.5" SPACING ON BOTTOM OF TOP FLANGE AND BOTH SIDES OF TOP FLANGE ***TO ACCOMMODATE SLIDING EQUIPMENT ON FLANGE
FLANGES	3/4" square rod welded on length of 4'-0" at front and at rear, under upper flanges. To install a crane which runs on the main beams. Ref. drawing 219391BA6 (pce B59))
WEB	1/4" plate full length, 80 000 psi steel. With holes, parachute shaped, to lighten trailer. (flat bed) (not extendable: see A#239207)
FRAME BRACING	In front of suspension, flat bar 4" x 3/8" on each flange.
GOOSENECK	11 1/4" high, with 48" straight behind king pin.
CROSSMEMBERS	I beams 4" @ 3.64 lbs/ft 80 000 psi steel. 12" center to center in gooseneck and the remaining 12" c/c on lower deck. Installed with stiffeners angle.
CROSSMEMBERS	Notch on all crossmembers to allow a 1 5/8" floor to be installed on trailer with heavy duty side rails without sticking out more 1/8".
FLOOR	Apitong or equivalent, 1 5/16" thick, shiplap finished, no preservative. Modified for installation of a crane which rolls on the flanges. An opening of 1.25" each side of the flanges and a space of 3/4" minimum between the crossmembers and the flanges is needed. ** See 209420-V2B ** Must modify the rear sill for the installation of the crane.
FLOOR FASTENING	Two screws per board at each crossmember. (With galvanized flatbed or crossmembers)
STRUCTURE	Cut-out at rear to accommodate the crane leg, measurement TBD
SIDE RAILS	6" channel @ 8.2 lbs/ft.
SIDE BOXES	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high. (USA Dimensions).
RUB RAILS	3/8" x 3" flat bars of steel, at top of side pockets. N.B.: Keep a shoulder for welding.
CORNERS	Bevelled.
FENDERS	Over tires at rear, checker plate 1/8".
DIAGONAL BRACES	2" x 2" x 3/16" angles, welded in web and to a crossmember, located each side.



ITEM	DESCRIPTION
X BRACES SPACERS FOR RUB RAILS TIE BAR	Between main beams, full length. Double between side boxes. 3/8" shaped steel (angle iron) welded to crossmembers each side of main flanges
ENDS	
FRONT RAIL BUMPER	Formed steel 1/4". 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.
HEADBOARD	48" high, galvanized steel (G164), 4 uprights and top made of tubing and 10 gauge steel plate installed inside with retroreflective tapes. (this bulkhead is NOT D.O.T.)
REAR RAIL	Special uprights with reinforcement and with special slots, ready to receive a crane.
REAR RAIL R	Reinforcement of rear rail made of (3) stiffeners (steel plate 3/16") welded inside of each side of rail ** Must modify the rear sill for the installation of the crane.
ELECTRICAL	
FRONT CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM	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 #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.
TAIL LIGHTS	TIREMAAX warning lamp installed on road side front rail. 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-4F115), with mounting plate, full galvanized. 10" x 11 1/2". Road side.
BOGIE	
BASIC SUSPENSION BOGIE SUSPENSION	Fixed. Hendrickson INTRAAX AAL-23K (6.5), tridem, ***50" spread. N.B.: Wingless suspension bracket.
LIFT DEVICE	For axles with bearings HM 218248 and HM 212049. Hendrickson "UBL102" (AAT suspension), bolted (removable) and galvanized, with air system Manac. Quick and brake release valves on air lift included. Controlled: FROM CAB (Add 2 nd connector if controlled from cab). Located: REAR AXLE
SPRINGS	Air.



ITEM	DESCRIPTION
AXLE(S)	LDA, 5 3/4" diameter, 23 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	10" long, 28 splines with enclosures.
TRACK	77 1/2".
DUST SHIELDS	None (LDA Intraax axles).
BRAKES	16 1/2" standard, long life H23-HXS Hendrickson lining.
BEARINGS	HM 218248 and HM 212049.
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. For dual aluminum wheels.
RIMS	Alcoa, aluminum, "ULTRA ONE vHub", 22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts.
SPACERS	Wheel guard 10 holes. Located between the inside wheel and the drum.
TIRES	Continental, 255/70 R 22.5 HSR2 SA 16 ply (36.6") Automatic Tire inflation System Tiremaax.
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, ABS, 2 sensors 1 modulator.
VALVE	Manual blow down valve in a control box, with auto-reset feature, including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table.
CONTROL BOX	Stainless steel
AUTOMATIC TIRE INFLATION	Automatic Tire inflation System Hendrickson Tiremaax PRO. For axles with bearings HM 218248 and HM 212049, dual tires. NOTE: Axles prep. fees included for undressed axle. *** Maximum allowable tire pressure for this device is 120psi *** (tridem application) "Automatic Tire Inflation Systems", REMARK: Make sure the system is adjusted to the same tires pressure written on the serial plate.
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
WINCHES	Qty: 15, KINEDYNE #3820SPCSV, painted, slider (6 1/2"). ***REQUIRE THAT AT LEAST ONE WINCH CAN BE PLACED BETWEEN EACH AXLE
SLIDING TRACK	Length: 41 , "C" shaped steel, road side.
MUD FLAPS	One set, rubber with Manac logo and vertical grooves to reduce spray.
FINISHING	
PAINT	Ready for Galvanized plateform.
HUBS	Black.
WHEELS OR RIMS	Natural.
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red, each side,



ITEM	DESCRIPTION
GALVANIZATION EXTRA PARTS	fully covers rear sill and horizontal underride protection bar. Extra parts galvanized. Qty: 1000 lbs.
ADDITIONAL OPTIONS	66D#36649
GALVANIZED CHOICES PLATEFORM	Galvanized choices. Galvanized plateform. (no paint) ** WARNING: holes parachute shaped required for dripping **
CONFORMITY	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.