HALE TRAILER BRAKE & WHEEL

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A039444-A039456
VIN: S038102-S038114

manac

ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.
DIMENSIONS	
LENGTH	53'-0" closed.
LENGTH	72'-0" open.
OPENINGS	*** increments starting in closed position *** (56'-0"), 59'-0", 62'-0", 64'-6", 67'-0", 69'-6" & 72'-0") *** 72" overlap ***
OPENINGS	
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 62" 1/2" high at front and 41 1/2" at the bumper.
DROP HEIGHT	22", located at 11'-6" from front.
COUPLING	
COUPLER PLATE	*** HD, coupler rating 46 000lbs. Must respect the provided loading model. Coupler plate: 1/2", 100 000 psi steel. Coupler stiffeners: 5/16", 80 000 psi *** King pin: bolted, 2" diameter, Holland KP-0883 (1/2"). Note: It is the customer's responsibility to validate proper truck bearing load rating, it may be impossible to transfer this load to the truck.
KING PIN LOCATION	18" from front.
KING PIN	18" from front.
COUPLER HEIGHT	50".
STRUCTURE	Frame with "CAMBER". *** 100 000 lbs capacity with 65 feet long piece (self-supporting load) ***
FLANGES	Female section, exterior, 1/2" x 6", 100 000 psi steel
FLANGES	Male section (interior), 3/4" x 6", 60 000 psi steel, and 17 1/2" above suspension.
WEB	1/4", 80 000 psi full length.
GOOSENECK	12 1/4" high, 54" straight behind king pin.
CROSSMEMBERS	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel. 16" center to center in gooseneck and the remaining 12" c/c.
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
FLOOR FASTENING	Two screws per board at each crossmember.
SIDE RAILS	6" channel @ 8.2 lbs/ft.
SIDE BOXES	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). *** one pocket per side, @ 7 7/8" c/c from last pocket at rear *** *** Provide drawing showing the pocket location ***
SIDE BOXES	Weld the pocket full height and on both side and that's for all the pockets on the trailer.
RUB RAILS	3/8" x 2 1/2" shaped steel.
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.
LOCKS	Air operated with a third glad hand at front.
ROLLERS	4, 2 on female sections of frames and 2 on male sections.
SPACERS FOR RUB RAILS	Double between side boxes.
PIN POCKETS	

ITEM	DESCRIPTION
ENDS	
FRONT RAIL	9 gauge formed steel.
BUMPER	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.
POCKETS	2 bolted galvanised pockets at front for removable headboard.
REAR RAIL	11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2" shaped steel.
BUMPER	
BUMPER	Bracing for a *** flip-up axle *** (1) rubber dock at top front *** Anchors even with sill *** *** Customer must approve bumper drawing ***
ELECTRICAL	
FRONT CONNECTOR	7 way (SAE J560), Phillips brand.
ELECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
MAIN SYSTEM	Grote Ultra Blue LED, sealed beams Grote, tail lights with male pins #54332, markers #47122, 47233 (2 1/2" dia.), licence light #60280-M, with vapor proof junction box Truck-Lite #50400.
TURN SIGNAL	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
REAR CONNECTOR	7 ways, SAE J560, for a pin on axle.
LANDING GEAR	Holland, Mark V (LGH-4F010), heavy duty, with mounting plate.
SAND SHOES	18" x 18" galvanized, solid axles.
CRANK	Road side.
BOGIE	
BASIC SUSPENSION	
BOGIE	Fixed.
SUSPENSION	Hendrickson HT-250US (6.5), tandem, 60" spread.
LIFT DEVICE	Hendrickson HT-250US (6.5) with Manac center lift. Located at 60 " maximum. Controled manually. *** Only 1 1/2" of clearance from the ground if used at rear. *** *** NO WARRANTY ON THE TIRES NOR GROUND AXLES, (FLAT SPOT) ***
U-BOLTS	With nuts at bottom.
SPRINGS	Air.
AXLE(S)	Hendrickson, HP-S506, 27 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	28 splines.
TRACK	77 1/2".
DUST SHIELDS	None
BRAKES	16 1/2" standard, long life H26-HXS Hendrickson lining.
BEARINGS	HM 518445.
SLACK ADJUSTERS	TSE S-ASA, automatic, 28 splines.(6").
SEALS	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
BRAKE CHAMBERS	T.S.E. brake, "Omnibrake" (30-30), (push rod 9 3/4"), long stroke. (4 years warranty by T.S.E. for parts only).
HUBS AND DRUMS	WEBB, 10 studs disc hubs, balanced drums 117 lbs,

ITEM	DESCRIPTION
	outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium wheels. (bearings HM 518445) (Heavy duty 25000 lbs cap.)
RIMS	22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes. Color: YELLOW (PPG 910361), powder top coat, code P.N.:PS211Y257 painted by PN Industrie
TIRES	Continental, 275/70 R 22.5 HSR2 SA 18 ply (38.0")
AIR SYSTEM	
GLAD HANDS	Installed at extreme roadside end with a protective plate welded underneath the floor.
AIR VALVES	Meritor Wabco, IABS, 2 sensors 1 modulator.
VALVE(S)	Fast-brake kit.
VALVE	Quick and brake release valves on air lift.
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 Air system for a pin on axle.
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
MUD FLAPS	One set, rubber with Manac logo and vertical grooves to reduce spray.
EXTRA MUD FLAPS	Qty: 2, rubber. Located: 1 at front of landing gear in between main frames, to protect the hoses coil, and 1 at front of suspension in between main frames, to protect air boosters.
FINISHING	
PAINT	Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats Color: RED code: Q37M700403 N.B.: Not applicable for white paint. Validate the covering capacity of the color before painting the trailer.
AXLE(S) PAINTED	Color: RED, code: Q37M700403
HUBS	Painted with polyurethane acrylic paint, color : RED, code : Q37M700403
WHEELS OR RIMS	Color: Yellow (PPG 910361), powder top coat, code P.N.: PS211Y257 painted by PN Industries
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red, each side, fully covers rear sill and horizontal underride protection bar.
ADDITIONAL OPTIONS	50 ton capacity when open same as U#215355 but gladhands located r/s estimated weight is 19,663 LSB Goes with Q#254031
CONFORMITY	This semi-trailer does not comply with GHG regulations. Should GHG regulations come into force prior to the production of the trailer(s),

ITEM	DESCRIPTION
	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.