

HALE TRAILER BRAKE & WHEEL

A034885-A034886
VIN: 240124-240125



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ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, "DARKWING II" ALUMINUM PLATFORM
DIMENSIONS	
LENGTH	48'-0"
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 59 1/2" high at front and 54" at rear.
COUPLING	
COUPLER PLATE	3/8", galvanised (G164), bolted structure.
KING PIN LOCATION	36" from front.
COUPLER HEIGHT	48".
STRUCTURE	42" center to center Frame with "CAMBER".
FLANGES	Top, "T" shaped aluminum extrusion (6061-T6), with 2 Cargo Rail integrated by flange. Bottom, aluminum extrusion (6061-T6) 4" x 1 1/2".
WEB	1/4" full length, polished aluminum (5454-H34), riveted at 3" c/c, 27" high including flanges.
GOOSENECK	11 1/4" high, with integrated nose ramp and 54" straight behind king pin.
CROSSMEMBERS	4" high extruded aluminum I beams, 16" center to center. One additional crossmember at rear bumper.
FLOOR	Structural aluminum extrusions, flat type, inverted "T", 1 1/4" high with 3 Apitong or equivalent planks.
FLOOR FASTENING	Bolts with nuts on top flanges, screws on crossmembers, 2 rivets per Apitong plank at each crossmember.
SIDE RAILS	3 3/4" x 5 13/16" high, extruded aluminum, Cargo Rail integrated.
SIDE BOXES	3 5/8" x 1 5/8" inside, 4" high, extruded aluminum **installed at every 12*** CMVSS-905 WLL, 5,500 lbs WLL approved. (replace a spacer by a pocket)
RUB RAILS	Aluminum extrusions 3/8" x 2 3/4". Dual rub rail spacers 1" x 1 3/4" as anchor.
CORNERS	Bevelled.
TIE BAR	3/8" x 2 1/2" shaped steel bolted under crossmembers, curb side, located 14" from side rail, galvanized.
ENDS	
FRONT RAIL	Bolted aluminum extrusion, 7" high, overlapped floor to allow floor plank to walk underneath.
BUMPER	CMVSS 223-RIG approved (in accordance with Canada & USA regulations). Aluminum, bolted uprights to frame, cross bar tubing 4" x 3/16" at a maximum height of 22" from under tubing to ground.
BUMPER	Aluminum plate with "DARKWING" logo on RED back plate, bolted between bumper uprights to close rear.
PULL PLATE	Galvanized (G164), between uprights of bumper.
HEADBOARD	72" high, aluminum, unpainted, 4 uprights and top made of tubing and 1/8" aluminum checker plate installed inside. Last 24" aluminum wire mesh (at top), with retroreflective tapes. (Marker light at each corner). (this bulkhead is NOT D.O.T.)
POCKETS	2 bolted galvanised pockets at front for removable headboard.
BUMPER	2 heavy duty rubber dock at the end of rear rail.



ITEM	DESCRIPTION
REAR RAIL BUMPER	Aluminum extrusion, 6 1/2 high, 16000 lbs lift truck proof, including 3 boxes integrated. Galvanized push bar with stainless steel bolts. (Ref. 201345).
ELECTRICAL FRONT CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM FLASHERS	7 way (SAE J560), Phillips brand. Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. Grote Ultra Blue LED clear lens, sealed beams with stainless steel rings and anti-theft system, 10 diodes tail lights, markers lights Micronova, identification lights 2 1/2" dia., licence light. Sealed beams LED clear lens, one lamp including side marker and flasher, each side at middle point, amber.
LANDING GEAR SAND SHOES CRANK SPAN	Holland, Mark V (LGS-4F010), with mounting plate, solid axles. 18" x 18", galvanized mud feet. Road side. Galvanized steel (G164)
BOGIE BASIC MECHANICAL BOGIE	Basic mechanical for sales book. Separated, galvanised (G164), bolted to frame, tandem 122" spread.
MECHANICAL (GROUND AXLES) SUSPENSION SPRINGS AXLE(S) TRACK DUST SHIELDS BRAKES BEARINGS SEALS BRAKE CHAMBERS HUBS AND DRUMS RIMS SPACERS TIRES	Hendrickson INTRAAX disc brake AANT-23K (LDA), tandem, 122" spread. N.B.: Tapered winged suspension bracket. For axles with bearings HM 518445. (Knorr/Bendix) Air. LDA, 5 3/4" diameter, 23 000 lbs. capacity. 77 1/2". Steel, clamped. Jurid 539 disc brake. HM 518445. Federal Mogul with "Gearlube" mineral oil SAE 80W90. Knorr 18/24 Disc brake Knorr/Bendix. "long stud" Alcoa, aluminum, "ULTRA ONE" half inside polished (Dura-Bright) and half "ULTRA ONE" finish, 24.5 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 and between two wheels. Continental, 11 R 24.5 HSR-2 16 ply (43.5")
AIR SYSTEM GLAD HANDS AIR VALVES VALVE(S)	Fixed. Meritor Wabco, IABS, 2 sensors 1 modulator. Manual blow down valve in a control box, with auto-reset feature, including Glycerin filled pressure gauge, in P.S.I., to indicate



ITEM	DESCRIPTION
CONTROL BOX	load with a conversion table. Stainless steel
ACCESSORIES REGISTRATION HOLDER MUD FLAPS EXTRA MUD FLAPS SLIDING TRACK WINCHES STRAPS POST RACK	One plastic, Betts-PS-1 or equivalent. 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 at rear of front axle. Full length, "LL" extruded aluminum, road side. Qty: 15, ANCRE #49207-137-XZ, zinc plated slider (low profil 5 7/8"). Qty: 15, nylon, with 1'-6" chain and grab hook, 30' long x 4" wide. (KINEDYNE) Made of 1/4" formed aluminum plate, 98 1/2" inside net, bolted to web and crossmembers. Located at (1) ON EACH SIDE. Ref. U#227255
FINISHING RETROREFLECTIVE TAPES WHEELS OR RIMS	Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar. Natural aluminum.
ADDITIONAL OPTIONS	same as U#227255 estimated weight is 9,986 LBS +/- 3% Please note that Manac reserves the right, upon reasonable notice and prior to the delivery date, to adjust the quoted prices of this contract which are impacted by an increase in the cost of raw materials or components, or by any increase in tariffs and any addition or increase in direct or indirect taxes. The contracts price so adjusted by Manac will bind the parties.
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.