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VIN: 236026



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ITEM	DESCRIPTION
TYPE	SEMI-TRAILER, "DARKWING II" ALUMINUM PLATFORM
DIMENSIONS	
LENGTH	40'-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	30" 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 WITHOUT wood planks and cargo rail integrated to side rails. aluminum floor full width
FLOOR FASTENING	Bolts with nuts on top flanges, 12 rows each 12" c/c at front and 48" c/c screws on crossmembers
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. CMVSS-905 WLL, 5,500 lbs WLL approved.
RUB RAILS	Aluminum extrusions 3/8" x 2 3/4". Dual rub rail spacers 1" x 1 3/4" as anchor.
CORNERS	Bevelled.
BRACING FOR COILS	Qty:1 kit for a 60 000 lbs maximum coil. Made of 6 aluminum crossmembers "I" beams additional between main beams and crossmembers. Located: CENTERED
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.
HEADBOARD	48" high, aluminum, unpainted, 4 uprights and top made of tubing and 1/8" aluminum checker plate installed inside with retroreflective tapes. (this bulkhead is NOT D.O.T.)
POCKETS	2 bolted galvanised pockets at front for removable headboard.



ITEM	DESCRIPTION
BUMPER REAR RAIL	2 heavy duty rubber dock at the end of rear rail. Aluminum extrusion, 6 1/2 high, 16000 lbs lift truck proof, including 3 boxes integrated.
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, ATLAS 55 (LG442B), with mounting plate. 10" x 10". Road side. Galvanized steel (G164)
BOGIE BASIC MECHANICAL BOGIE	Basic mechanical for sales book. Separated, galvanised (G164), bolted to frame, tandem 50" spread.
MECHANICAL (GROUND AXLES) SUSPENSION  SPRINGS AXLE(S) CAM SHAFTS TRACK DUST SHIELDS BRAKES BEARINGS SLACK ADJUSTERS SEALS BRAKE CHAMBERS  HUBS AND DRUMS  RIMS  SPACERS  TIRES	Hendrickson INTRAAX AANT-23K, tandem. N.B.: Tapered winged suspension bracket. Air. LDA, 5 3/4" diameter, 23 000 lbs. capacity. 28 splines with enclosures, 10" long. 77 1/2". None (Intraax axles). 16 1/2" standard, long life H20-HXS Hendrickson lining. HM 218248 and HM 212049. TSE S-ASA, 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). 10 stud disc hubs, balanced drums outboard mount, 285.75mm B.C., single flange nuts. For dual aluminum wheels. Alcoa, aluminum, inside polished (Dura-Bright), 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, 11 R 22.5 HT3 ECO-PLUS      14 ply      (41.2")
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,



ITEM	DESCRIPTION
<b>CONTROL BOX</b>	including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table. Stainless steel *** (2) air tank (1) alum. air tank 3100 & (1) alum air tank 1425 **
<b>ACCESSORIES</b>	
<b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.
<b>MUD FLAPS</b>	One set, rubber with Manac logo and vertical grooves to reduce spray.
<b>EXTRA MUD FLAPS</b>	None
<b>SLIDING TRACK</b>	Full length, "LL" extruded aluminum, road side.
<b>WINCHES</b>	Qty: 12, KINEDYNE #1020SV, silver painted slider (low profil 5 7/8").
<b>STRAPS</b>	Qty: 12, nylon winch straps with flat hook, 30' long x 4" wide.
<b>FINISHING</b>	
<b>RETROREFLECTIVE TAPES</b>	Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar.
<b>WHEELS OR RIMS</b>	Natural aluminum.
<b>ADDITIONAL OPTIONS</b>	same as U#234574
<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.

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