

HALE

TRAILER

BRAKE & WHEEL

Hale Trailer Brake & Wheel

187390 - 187395



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	1/4", galvanised (G164) 80 000 psi steel, 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 1/4".
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 tops flanges, screws on corssmembers, 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. 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.
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.
BUMPER	2 heavy duty rubber dock at the end of rear rail.
REAR RAIL	Aluminum extrusion, 6 1/2 high, 16000 lbs lift truck proof, including 3 boxes integrated.
ELECTRICAL	
FRONT CONNECTOR	7 way (SAE J560), Phillips brand.
FRONT ADD. CONNECTOR	7 way (ISO 3731), for auxiliary functions only.
ELECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
MAIN SYSTEM	Grote Ultra Blue LED clear lens, sealed beams with stainless steel rings and anti-theft system, 10 diodes tail lights, markers lights Micronova,



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FLASHERS	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 122" 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. For axles with bearings HM 218248 and HM 212049. 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, H20 Hendrickson lining. HM 218248 and HM 212049. 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). 10 stud disc hubs, balanced drums outboard mount, 285.75mm B.C., single flange nuts. For dual aluminum wheels. Alcoa, aluminum, "LvL ONE" finish, 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) VALVE(S)	Fixed. Meritor Wabco, ABS, 2 sensors 1 modulator. Automatic blow down valve, WITHOUT control box, Blow down valve on REAR axle, controlled from the cab, activated when the cruising speed is lower than 16 Km (10 mph), warning light installed road side facing the axle when the blow down valve is activated, without break release.
ACCESSORIES REGISTRATION HOLDER MUD FLAPS EXTRA MUD FLAPS	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,



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SLIDING TRACK WINCHES STRAPS STORAGE BOX(ES)	located at rear of front axle. Full length, "LL" extruded aluminum, road side. Qty: 12, KINEDYNE #1020ZP, zinc plated slider (low profil 5 7/8"). Qty: 12, nylon winch straps with flat hook, 30' long x 4" wide. Qty: 2, TREBORE aluminum CKPL finish box, double doors, hinges on sides, antirack lock. 24" deep x 24" high x 60" wide. Located at (1) PER SIDE BETWEEN SPREAD
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#177747
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.