



A033139-A033140
VIN: S031974-S031975



SALES | RENTALS | PARTS | SERVICE

Allentown, PA:	800-383-8894	Little Rock, AR:	833-424-8944
Baltimore, MD:	888-601-7500	Portland, ME:	800-325-4253
Concord, NC:	800-438-2250	Raleigh, NC:	833-418-9777
Delmar, DE:	866-486-1400	Scranton, PA:	800-569-1400
Des Moines, IA:	888-673-5011	Springfield, MA:	800-854-5306
Elkton, MD:	800-544-7127	Voorhees, NJ:	866-315-0235
Jacksonville, FL:	800-828-3055	Walpole, MA:	800-854-5310

haletrailer.com | @haletrailer



800-232-6535 *FINANCING AVAILABLE

ITEM	DESCRIPTION
TYPE	LOG TRAILER, DROP
DIMENSIONS	
LENGTH	48'-0 " overall.
WIDTH	102".
HEIGHT	Nominal, 13'-6" high, top of frames approximately 61" high at front and 49" at rear. (Canada & USA application)
DROP HEIGHT	10" high at 19'-0" from front. (ref: #212677)
COUPLING	
COUPLER PLATE	3/8", 100 000 psi. steel, plug welded reinforced structure.
KING PIN LOCATION	36" from front.
KING PIN	Bolted, 2" diameter, Holland, KP-0882.
COUPLER HEIGHT	50"
STRUCTURE	
FLANGES	3/8" x 6", 100 000 psi steel.
WEB	1/4" plate full length, 80 000 psi steel, with holes, parachute shaped, to lighten trailer.
FRAME BRACING	Flat bar 4" x 1/2", 100 000 psi steel, installed underneath the bottom flanges only, at stiffeners area for the loader.
GOOSENECK	11" high, with integrated nose ramp and 48" straight behind king pin.
CROSSMEMBERS	I beams, 4" à 3.64 lbs/ft, 80 000 psi steel, between main beams.
FLOOR	Checker plate 1/8" between main beams, full length, (no wood flooring at all). **With hole for loader and cover with a bolted floor section**
FLOOR FASTENING	Fully welded on length, and at joints.
CORNERS	Square.
FENDERS	Checker plate 1/8", above truck wheels, sloping.
X BRACES	Torque tube between main beams.
BRACING FOR LOADER	Stiffeners at 6" c/c on the outside of frames in the web.
ENDS	
FRONT RAIL	3/16" thick formed plate, 80 000 psi steel.
BUMPER	Forestry type, tubing
BUMPER	Round tube 6 5/8" x 56". It exceeds rear at a **maximum** of 14". Ref: #212677
HEADBOARD	Project DV 2016-203. 96" high with fabricated beams and square tubings 1 1/2". Ladder road side, 4" between the tubes, (5.5" c/c) for smaller logs. Boxes included. (LOGGER BASE) **Galvanized**
POCKETS	Front headboard boxes modified (tenon + mortise) in order to clear the front rail by 6". (engineering) REF#219282
LOGGING	5 lengths of 8', 4 of 12', 3 of 16' or full lenght logs.



ITEM	DESCRIPTION
BUNKS	5 fixed sets of bunks with fabricated boxes. Located REF#235714
BUNKS	First 2 at front, 4 1/2" x 7" height, (flanges plate 1/4" 100 000 psi steel and webs one each side 3/16" 80 000 psi steel), double post boxes on first bunk.
BUNKS	Central section, 4 1/2" x 5" height, (flanges plate 1/4" 100 000 psi steel and webs one each side 3/16" 80 000 psi steel).
BUNKS	Rear, 10 1/2" x 9 3/4" height, (formed 3/16" "V" plate with 1/4" top plate, 80 000 psi steel), with double boxes.
BUNK ANGLES	Steel ridge 1/2" x 1 1/2" installed on last bunk to hold tree length lumber.
STAKES	Qty: 20, ultra light, galvanised (G164), bottom 4" x 4", curved, 80 000 & 100 000 psi steel.
GLAD HANDS PROTECTOR	3/8" thick plate, welded at front rail.
RAISERS	
RAISER	Qty: 10, Aluminum Extrusion, 3" x 2" x 4". Located on EACH BUNK
BUNKS	Qty: 2 Set of double post box. Located: BUNK#4 AND BUNK#7
ELECTRICAL	
FRONT CONNECTOR	7 ways (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, sealed beams, tail lights with male pins #53252 (10 diodes), markers lights Micronova #47973, identification lights #47122 (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.
BACK UP LIGHT(S)	LED spot light in a vinyl angled grommet. Qty: 2
TAIL LIGHTS	Sealed beams (Grote DEL #53252, 10 diodes) red. Qty: 1 additional each side. From outside, tail lights and flasher, flasher with parking, brake with parking.
TAIL LIGHTS	Qty: (4) extra sealed lamps L.E.D. (red), rear lights with *** 10 diodes *** (Grote #53252-3). Located: On each side between bumper uprights on cross bar. Total: 10 tail lights (3 each side and 4 in middle)
MAIN SYSTEM	With additional vapor proof junction box Truck-Lite #50400. *** LOCATED AT LOADER AREA *** *** CONNECTED TO 7-WAY ISO PLUG ***
LANDING GEAR	Holland, Mark V (LGS-4F315), with mounting plate, solid axles, full galvanized.
SAND SHOES	10" x 11 1/2", solid axles.
CRANK	Road side.
BOGIE	
BASIC SUSPENSION	
SUSPENSION	Hendrickson INTRAAX AAT-30K, tridem, 60" spread.



ITEM	DESCRIPTION
STROKE STOPPERS	N.B.: Wingless suspension bracket. For axles with bearings HM 518445.
LIFT DEVICE	Retaining chains for INTRAAX air suspensions with grounded axles. Hendrickson "UBL102" (AAT suspension), bolted (removable) and galvanized, Quick and brake release valves on air lift included. Controlled: FRONT AXLE FROM CAB, REAR AXLE MANUAL. Located: FRONT AND REAR AXLES
SPRINGS	Air.
AXLE(S)	LDA, 5 3/4" diameter, 25 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	10" long, 28 splines with bushing spacer and enclosures heavy duty.
TRACK	77 1/2".
DUST SHIELDS	Steel, clamped.
BRAKES	16 1/2" standard, long life H23-HXS Hendrickson lining.
BEARINGS	HM 518445.
SLACK ADJUSTERS	Meritor, automatic, 28 splines.
SEALS	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
BRAKE CHAMBERS	T.S.E. brake, "Omni brake" (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 aluminium wheels.
RIMS	Alcoa, aluminum, "ULTRA ONE", 24.5 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	Plant choice 24.5. 16 Plys
RIMS	*** Those standard aluminum rims are not covered by a warranty for an off road application. ***
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, IABS, 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
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
WINCHES	Qty: 2, #3820SDSPCNP (5") fix, encaved, located road side between first set.
WINCHES	Qty: 8, #3820SDSPCNP (5") fix, tilted 45 degrees, located road side between bunks.
WINCHES	Handle welded on each winch.
STRAPS	Qty: 10, nylon, with 1'-6" chain and grab hook, 30' long x 3" wide. (KINEDYNE)
LASHING RINGS	Qty: 10, lashing pockets on the opposite side of winch's.
LASHING RINGS	Qty: 10, lashing pockets located on winch supports to hang the cable hooks.



ITEM	DESCRIPTION
MUD FLAPS	Three fix sets, rubber with Manac logo and vertical grooves to reduce spray, located ahead of landing gear, at rear bumper and at front.
EXTRA MUD FLAPS	(1) mud flap (30" x 48"), bolted full width between the main frames, to protect the brake chambers, located in front of the tridem.
EXTRA MUD FLAPS	mud flap (30" x 48"), bolted full width between the main frames. located UNDER THE FLANGES AHEAD OF THE LANDING GEAR.
CHAIN HOLDERS	(4) welded under the bunk, 2 each side under the bunk. Located: each side on the 3rd and 4th bunk. ref#211741
HYDRAULIC LINES	Holes only, 3" of diameter allowing hydraulic lines to run between the main beams over the coupler plate. Supports of lines welded under bunks until the loader.
ACCESSORIES	4 holes, (2 holes curbside and 2 holes roadside). Qty: 2, grapple holder kit. (2) rectangular tubings 4" wide x 3" high x 21" long x 3/8" thick. Attention: Each tube has a different opening for the grapple. Located: FURTHEST MOST FRONT AND REAR ref#235715
BROOM HANGER	Located at ***bottom*** of front headboard, ROADSIDE. *** Top to have cradle (L-brackets) to prevent broom from coming out*** ***ACCESSIBLE FROM GROUND
HOSES HOLDER	Located at center halfway up headboard ref#219282
RAISER SUPPORTS	(2) welded to web. The raisers hold in place with a strap and a winch. (Can hold 5 raisers) Located: MIDWAY EACH SIDE
FINISHING PAINT	No paint & no primer on the trailer.
FINISHING	Galvanized plateform. (no paint) **CAUTION MANAC NOT RESPONSABLE OF THE ESTHETICS OF THE GALVANISATION.** (holes parachute shaped required for dripping)
AXLE(S) PAINTED	GREY
GRAVEL GUARD	Apply gravel guard on the suspension hangers.
HUBS	GREY
WHEELS OR RIMS	Natural.
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red, each side, fully covers rear sill and horizontal underide protection bar, front and rear of each stake.
ANNEX(ES) ATTACHED	Mark and model of loader:TBA



ITEM	DESCRIPTION
	Supplied by:TBA Installed by:TBA Fixed by ("U" bolts or others):TBA Appr. weight:TBA
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.
<div>DISCLAIMER</div> <div>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.</div> <div>Equipment availability, prices and specifications are subject to change without notice.</div>	