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ITEM	DESCRIPTION
TYPE APPLICATION	CHIPS TRAILER GALVANIZED SEE SECTION 
DIMENSIONS	
LENGTH	48'-0" (14630 mm)
WIDTH	102 3/8" (2600 mm)
HEIGHT	13'-4" coupler height: 50". Ready to receive bolted closed Top.
WEDGE HEIGHT	5" front to rear.
SUB-STRUCTURE	
KING PIN LOCATION	36" from front. (900 mm)
KING PIN	Bolted, 2" diameter, Holland, KP-0882.
COUPLER PLATE	Approach plate and coupler plate 3/8".
CROSSMEMBERS	1 beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, 12" center to center,
FLOOR	"F.R.P." 1/2" thick, white. ilo plywood. Fastened with rivets (HUCKTAINER) through the F.R.P.
FRONT WALL	Type: "G" (5" radius corners).
PANELS	Prepainted white aluminum 0.049 thick.
POSTS	Qty: 6, 4 of 45 mm, aluminum, and 1 each end, integrated to aluminum front corners.
FASTENERS	3/16" aluminum rivets, 4" c/c and 2" c/c on joints.
INTERIOR LINER	See insulation section.
FRONT CORNERS	Double sheeting, aluminum extrusions, unpolished on the outside and aluminum plate inside.
LADDERS	
CAT WALK	Aluminum, 24" wide on front wall, ladder, made of aluminum, roadside included.
FRONT DOOR	One, 25" x 47", panel 3/4" plymetal doors, aluminum prepainted white outside and satin coated steel inside. Including one molded aluminum foot step above connector. For access inside van,
SIDE WALLS	Aluminum.
PANELS	Prepainted white aluminum (.049 thick).
POSTS	Aluminum, 45 mm, 16" c/c, full length.
FASTENERS	3/16" aluminum rivets, 4" c/c and 2" c/c on joints.
INTERIOR LINER	See insulation section.
INTERIOR LINER	Horizontal.
SAMPLE DOOR(S)	None.
TOP RAILS	5 1/2" high, open top aluminum extrusions, unpolished.
BOTTOM RAILS	8 7/8" high, aluminum extrusions, unpainted.
VENTS	8 openings 11" x 19" on each side wall with perforated aluminum plate.
REAR END	
DOOR FRAME	Galvanized steel (G164).
DOOR(S)	Single, dump style, aluminum smoothside with (1) loading door 47" x 47" located on top at centre made aluminum smoothside. Single lock Eberhard, HEAVY DUTY, included.



ITEM	DESCRIPTION
HEADER DOOR PANELS DOOR LATCH(S) HINGES DOOR FRAME BUMPER BUMPER LOOP STEP(S)	Steel formed 4" x 4" x 3/16". Smoothside panels aluminum 1 1/2" thick. On door sill. Manually operated by a road side handle. 2, one each top corner. 1 1/2"x 1 1/2" solid steel push bars, more extension bolted 5" with integrated holes for pull. CMVSS 223-RIG approved (in accordance with Canada & USA regulation). Formed steel uprights, 4" x 4" cross bar roll formed tubing at a maximum height of 22" from under tubing to ground. Between bumper uprights, galvanized, tubing 3" x 3" X 1/4" with anti-skid FULL LENGHT on top.
ROOF BOWS TARP SUPPORT NET	Open type. Qty: 3, galvanized steel (G164), without offset and hignes. 1/4" aluminum plate at each end of the unit for roll tarp type. None, (NO HOOK FOR NET).
INSULATION FRONT WALL FRONT INTERIOR LINER SIDE WALLS INTERIOR LINER	1 3/4" thick Polyform. Front corners, 1" thick Polyform. Kemlite white "monster scuff", .240" thick, fastened with steel pop rivets. 1 3/4" thick Polyform. Kemlite LTR, .120" thick, fastened with steel pop rivets.
ELECTRICAL CONNECTOR PLATE FRONT CONNECTOR FRONT ADD. CONNECTOR ELECTRICAL SYSTEM MAIN SYSTEM FLASHERS BACK UP LIGHTS TAIL LIGHTS MAIN SYSTEM ADDITIONAL MARKERS AUTOMATIC TIRE INFLATION	Raised, aluminum formed plate. 7 ways (SAE J560), Phillips brand, located center. 7 ways (ISO 3731), for auxiliary functions only. Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. Grote Ultra Blue LED, Grote sealed beams, tail lights with male pins #53252 (10 diodes), markers #47122,233 (2 1/2") at bottom and each side on top of rear door frame (1"), licence light LED. Sealed beams LED, one lamp including side marker and flasher each side at middle point, amber. Type sealed beam spot light (Grote #62391 LED), Qty: 2 Sealed beams, red, (Grote LED #53252). Qty: 1 additional each side. (10 diodes) From outside, tail light and flasher, flasher with parking, brake with parking. With additional vapor proof junction box Truck-Lite #50400. Sealed beams (Grote MicroNova LED #47963/62). Qty: 10 additional each side, evenly spaced, evenly spaced, on bottom rails and 12" under top rail. for tarp application. SNAP-IN GROMMET Warning lamp TIREMAAX installed S.T.D on road side FRONT CORNER. Must be visible from the truck.
LANDING GEAR	Holland, Mark V (LGS-3C315-CS748), with mounting plate



ITEM	DESCRIPTION
CRANK SPAN TIRES TIRES TIRES	sand shoes 10" x 11 1/2" solid axles. Galvanized legs option. Road side. 3/16" formed steel, reinforced, galvanized.
BASIC MECHANICAL FRAME	Fixed, for wedge sub-structure, 1/4" thick, C-shaped, frame construction, bolted connection, 60" spread tridem air ride suspension.
MECHANICAL SUSPENSION	Hendrickson INTRAAX AAT-30K, tridem, 60" spread. N.B.: Wingless suspension bracket. For axles with bearings HM 518445.
STROKE STOPPERS	Retaining chains for INTRAAX air suspensions with grounded axles.
LIFT SUSPENSION	Air lift Hendrickson "UBL-102". **bolted and galvanized**. Quick and brake release valves on air lift suspension. ***REAR AXLE***
SPRINGS	Air.
AXLES	LDA, 5 3/4" diameter, 25 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	10" long, 28 splines with enclosures.
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 and between two wheels.
TIRES	Plant choice 24.5.
AIR SYSTEM GLAD HANDS AIR VALVES VALVE	Fixed, bolted. Meritor Wabco, ABS, 2 sensors 1 modulator. Manual blow down valve in a control box, WITHOUT auto-reset feature, including Glycerin filled pressure gauge, in P.S.I., to indicate



ITEM	DESCRIPTION
CONTROL BOX AUTOMATIC TIRE INFLATION	load with a conversion table. Stainless steel. "Automatic Tire Inflation Systems", REMARK: Make sure the system is adjusted to the same tires pressure written on the serial plate.
AUTOMATIC TIRE INFLATION	Automatic Tire inflation System Hendrickson Tiremaax PRO. *** Maximum allowable tire pressure for this device is 120psi ***
LOAD DEVICE	Air gage, 4" diameter, glycerin filled in P.S.I. to indicate load with a conversion table, with glad hand with valve for closed the air line of of the truck. Located: On front wall roadside, 1'-4" up from bottom rail.
ACCESSORIES	
REGISTRATION HOLDER	One aluminum cylinder.
MUD FLAPS	One set, rubber with Manac logo and vertical grooves to reduce spray.
EXTRA MUD FLAPS	Qty: 1 set, rubber with Manac logo and vertical grooves to reduce spray. Located at FRONT OF LANDING GEAR
MIDDLE MUFS FLAP	Center mud flaps, full width (48" wide) with Manac logo. Located ahead of the tridem. (To protect air booster & the suspensions).
FINISHING	
UNDERCARRIAGE	Galv.
BOGIE	Galv.
HUBS	Black.
WHEELS OR RIMS	Natural.
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red, 2' segments at bottom of each side wall. Fully covers bottom of rear doors and horizontal underride protection bar. 2 segments of gray tape at each upper corner.
ADDITIONAL OPTIONS	
REMARK	**NOTE** Book "F" to "G"
GALVANIZED CHOICES	Galvanized choices.
COUPLER	Galvanised.
SUB-STRUCTURE (GALV.)	Galvanized, cross members, "C" frame for tridem and landing gear structure included. (sub-structure galvanized all over.
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.	