




**A015727-A015732**  
**VIN: 221622-221627**

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**800-232-6535** \*FINANCING AVAILABLE

ITEM	DESCRIPTION
TYPE APPLICATION	CHIPS TRAILER GALVANIZED SEE SECTION 
DIMENSIONS	
LENGTH	48'-0" (14630 mm)
WIDTH	102 3/8" (2600 mm)
HEIGHT	13'-6" coupler height: 50"
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	I beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, 12" center to center,
FLOOR	Preparation for walking floor installed at Manac.
FLOOR	Walking Keith 7/32" straight, (2190/2191) 48'-0", **GALVANIZED** 3 1/2" cylindre. Bolted aluminum subdeck #2469, splash guard #2468 full lengh T-block included. Walking floor deflector with rubber flat at bottom to avoid material to go behind.
FRONT WALL	Type: "G" (5" radius corners).
PANELS	Stainless steel mirror finish, no paint.
POSTS	Qty: 6, 4 of 45 mm, aluminum, and 1 each end, integrated to aluminum front corners.
FASTENERS	3/16" stainless steel rivets, 4" c/c and 2" c/c on joints.
INTERIOR LINER	See insulation section.
FRONT CORNERS	Double sheating, 20 gauge stainless steel mirror finished on the outside and unpolished aluminum extrusions.
REMARK (BUYING)	Stock inventories, Supplied by Manac but WE WILL INSTALL Manac #988-179411-05 Unit: 221622 a 221623. Description: ALU.CORNER RAIL,FRONT,POST,POLISH. Approved by M.D Date: 2022/01/16.
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. Painted black. Including one molded aluminum foot step above connector. For access inside van,
SIDE WALLS	Aluminum.
PANELS	Prepainted black aluminum 0.049 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	None, request from customer.

ITEM	DESCRIPTION
<b>POSTS</b>	Posts at 12" c/c for last three side panels.
<b>REAR END</b>	
<b>DOOR FRAME</b>	Galvanized steel (G164).
<b>DOOR(S)</b>	Combined, galvanized steel dump and aluminum swing type with prepainted ***BLACK aluminum 0.049 thick. Prepainted BLACK panels towards outside the van. Hinge(s) on each corner. ref: 215001.
<b>HEADER</b>	Steel formed 4" x 4" x 3/16".
<b>DOOR LATCH(S)</b>	Single, Eberhard 1969-U.
<b>HINGES</b>	3 per doors, aluminum.
<b>DOOR HOLDBACKS</b>	Chain and hook type, including stabilizing rubber stoppers.
<b>DOOR FRAME BUMPER</b>	1 1/2"x 1 1/2" solid steel push bars, more extension bolted 5" with integrated holes for pull.
<b>BUMPER</b>	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.
<b>DOOR LOCK(S)</b>	Security type, road side.
<b>LOOP STEP(S)</b>	Between bumper uprights, galvanized, tubing 3" x 3" X 1/4" with anti-skid FULL LENGTH on top.
<b>ROOF</b>	Open type.
<b>BOWS</b>	Qty: 3, galvanized steel (G164), without offset and hignes.
<b>TARP SUPPORT</b>	1/4" aluminum plate at each end of the unit for roll tarp type.
<b>NET</b>	None, (NO HOOK FOR NET).
<b>INSULATION</b>	
<b>FRONT WALL</b>	1 3/4" thick Polyform. Front corners, 1" thick Polyform.
<b>FRONT INTERIOR LINER</b>	Kemlite white "monster scuff", .240" thick, fastened with steel pop rivets.
<b>DOOR(S) LINER</b>	Prepainted black aluminum 0.049 thick. Natural aluminum inside the van.
<b>SIDE WALLS</b>	1 3/4" thick Polyform.
<b>INTERIOR LINER</b>	Kemlite LTR, .120" thick, fastened with steel pop rivets.
<b>ELECTRICAL</b>	
<b>CONNECTOR PLATE</b>	Raised, aluminum formed plate.
<b>FRONT CONNECTOR</b>	7 ways (SAE J560), Phillips brand, located center.
<b>FRONT ADD. CONNECTOR</b>	7 ways (ISO 3731), for auxiliary functions only.
<b>ELECTRICAL SYSTEM</b>	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
<b>MAIN SYSTEM</b>	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.
<b>FLASHERS</b>	Sealed beams LED, one lamp including side marker and flasher each side at middle point, amber.
<b>BACK UP LIGHTS</b>	Type sealed beam spot light (Grote #62391 LED), Qty: 2 (in the sill)
<b>TAIL LIGHTS</b>	Sealed beams, red, (Grote LED #53252). Qty: 1 additional each side.

ITEM	DESCRIPTION
<b>MAIN SYSTEM</b> <b>INSIDE SPOT LIGHTS</b>  <b>ADDITIONAL MARKERS</b>  <b>AUTOMATIC TIRE INFLATION</b>	(10 diodes) From outside, tail light and flasher, flasher with parking, brake with parking. With additional vapor proof junction box Truck-Lite #50400. Back up light type, LED sealed beam (Grote #62401) 54 diodes, qty: 1, fixed FRONT top corner with Switch on front bottom rail road side. To light the inside. 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.
<b>LANDING GEAR</b>  <b>CRANK</b> <b>SPAN</b>	Holland, Mark V (LGS-3C315-CS748), with mounting plate sand shoes 10" x 11 1/2" solid axles. Galvanized legs option. Road side. 3/16" formed steel, reinforced, galvanized.
<b>BASIC MECHANICAL</b> <b>FRAME</b>  <b>ADDITIONNAL BOGIE (GALV)</b>	Fixed, for wedge sub-structure, 1/4" thick, C-shaped, frame construction, bolted connection 60" spread tridem air ride suspension. Galvanized, Fixed, 1/4" thick steel, C-shaped frame, x about 102", bolted under crosmembers to receive galv. Walking Keith floor power unit.
<b>MECHANICAL</b> <b>SUSPENSION</b>  <b>SUSPENSION (INTRAAX)(HXL5</b> <b>STROKE STOPPERS</b>  <b>LIFT SUSPENSION</b>  <b>SPRINGS</b> <b>AXLES</b> <b>SPIDERS</b> <b>CAM SHAFTS</b> <b>TRACK</b> <b>DUST SHIELDS</b> <b>BRAKES</b> <b>BEARINGS</b> <b>SLACK ADJUSTERS</b> <b>SEALS</b> <b>BRAKE CHAMBERS</b> <b>HUBS AND DRUMS</b> <b>RIMS</b>  <b>SPACERS</b>	Hendrickson INTRAAX disc brake AAT-30K, tridem, 60" spread. (Hendrickson MAXX22T). Bearing HM 518445. 77" track. OPTION "EXTENDED LIFE HXL5 PACKAGE" ON INTRAAX/VANTRAAX SUSPENSION. Retaining chains for INTRAAX air suspensions with grounded axles. Air lift Hendrickson "UBL-102". **bolted and galvanized**. Quick and brake release valves on air lift suspension. ***REAR AXLE*** Air. LDA, 5 3/4" diameter, 25 000 lbs. capacity. Welded. 77 1/2". Steel, clamped. DISC BRAKES HM 518445. Synthetic GREASE included. DISC BRAKES For dual aluminium wheels. Alcoa, aluminum, "ULTRA ONE", 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

ITEM	DESCRIPTION
<b>TIRES</b> <b>TIRES</b>	between two wheels. Plant choice 24.5. 16 Plys
<b>AIR SYSTEM</b> <b>GLAD HANDS</b> <b>AIR VALVES</b> <b>VALVE</b>	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 load with a conversion table.
<b>CONTROL BOX</b> <b>AUTOMATIC TIRE INFLATION</b>	Stainless steel. "Automatic Tire Inflation Systems", REMARK: Make sure the system is adjusted to the same tires pressure written on the serial plate.
<b>AUTOMATIC TIRE INFLATION</b>  <b>VALVES</b> <b>LOAD DEVICE</b>	Automatic Tire inflation System Hendrickson Tiremaax PRO. Axles preparation included, dressed axles HN/HP or disc brake. *** Maximum allowable tire pressure for this device is 120psi *** Used to close the supply of air to air bags. (2 per axle)(shutt off). 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.
<b>ACCESSORIES</b> <b>REGISTRATION HOLDER</b> <b>MUD FLAPS</b> <b>HYDRAULIC LINES</b>	One aluminum cylinder. One set, rubber with Manac logo and vertical grooves to reduce spray. Located curb side instead of road side. Application Mobil floor for chip van.
<b>HYDR. CONN. (PRESSURE)</b> <b>HYDR. CONN. (RETURN)</b> <b>HYDRAULIC LINES</b> <b>HYDRAULIC LINES</b>	Male, 1" diameter, quick coupling. Female, 1" diameter, quick coupling. Hydraulic oil. Operating temperature -10 to 60 degree Celsius. Minimum pump data required : Operation pressure : 2800 psi Pump : 30 to 35 gpm Tank : 35 gallons
<b>EXTRA MUD FLAPS</b>	Qty: 3 sets, rubber with Manac logo and vertical grooves to reduce spray. Located at REAR OF EACH AXLE AND FULL WIDTH AT REAR.
<b>EXTRA MUD FLAPS</b>	Hydraulic control for mobil floor with lever extension. Qty: 1 set, rubber with Manac logo and vertical grooves to reduce spray. Located at FRONT OF LANDING GEAR
<b>MIDDLE MUDS FLAP</b>	Center mud flaps, full width (48" wide) with Manac logo. Located ahead of the tridem. (To protect air booster & the suspensions).
<b>FINISHING</b> <b>UNDERCARRIAGE</b> <b>BOGIE</b> <b>HUBS</b> <b>WHEELS OR RIMS</b> <b>AXLES</b>	GALV GALV Painted with acrylic urethane paint, same color as axles. Natural. Painted with polyurethane acrylic paint, color: black, code: STD MANAC

ITEM	DESCRIPTION
RETROREFLECTIVE TAPES	PPG AAU37FP908M. 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.
FRONT DOOR	2 segments of gray tape at each upper corner. Painted with acrylic urethane paint, same color as side walls. PPG 946795.
ANNEX(ES) ATTACHED R	ref: same as 215001 except color.
GALVANIZED CHOICES COUPLER	Galvanized choices. 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.	