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ITEM	DESCRIPTION
TYPE APPLICATION	CHIPS TRAILER GALVANIZED SEE SECTION
DIMENSIONS	
LENGTH	51'-0"
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 FLOOR	I beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, 12" center to center, "F.R.P." 1/2" thick, white. ilo plywood. Fastened with rivets (HUCKTAINER) through the F.R.P.
FRONT WALL PANELS POSTS FASTENERS INTERIOR LINER FRONT CORNERS LADDERS CAT WALK	Type: "G" (5" radius corners). Stainless steel mirror finish, no paint. Qty: 6, 4 of 45 mm, aluminum, and 1 each end, integrated to aluminum front corners. 3/16" stainless steel rivets, 4" c/c and 2" c/c on joints. See insulation section. Double sheathing, 20 gauge stainless steel mirror finished on the outside and unpolished aluminum extrusions. Aluminum, 24" wide on front wall, ladder, made of aluminum, roadside included.
SIDE WALLS PANELS POSTS FASTENERS INTERIOR LINER INTERIOR LINER SAMPLE DOOR(S) TOP RAILS BOTTOM RAILS VENTS	Aluminum. Prepainted white aluminum (.049 thick). Aluminum, 45 mm, 16" c/c, full length. 3/16" aluminum rivets, 4" c/c and 2" c/c on joints. See insulation section. Horizontal. None. 5 1/2" high, open top aluminum extrusions, unpolished. 8 7/8" high, aluminum extrusions, unpainted. ***8 openings 11" x 19" on each side wall with perforated aluminium plate.
REAR END DOOR FRAME DOOR(S)	Galvanized steel (G164). Single, dump style, aluminum smoothside at bottom and 2 blower door 44" x 47 1/4" aluminum smoothside at top.



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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. Stainless steel rod, 5/8" diameter x 11 1/2" long (7" inside), located at bottom rear door, road side. Between bumper uprights, galvanized, tubing 3" x 3" X 1/4" with anti-skid FULL LENGTH on top.
ROOF BOWS TARP SUPPORT NET	Open type. Qty: 3, galvanized steel (G164), without offset and hinges. 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 INSIDE SPOT LIGHTS ADDITIONAL MARKERS	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 (in the sill) 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. 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: 14 additional each side,



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	evenly spaced, evenly spaced, on bottom rails and 12" under top rail. for tarp application. SNAP-IN GROMMET pricing for (1).
LANDING GEAR SAND SHOES CRANK SPAN	Holland, Mark V (LGS-3C315-CS748), with mounting plate sand shoes 10" x 11 1/2" solid axles. Galvanized legs option. 10" x 11 1/2", solid axles. Road side. 3/16" formed steel, reinforced, galvanized.
BASIC MECHANICAL FRAME	Fixed, for wedge sub-structure, 1/4" thick, C-shaped, frame construction, plug welded connection, 72" spread tridem air ride suspension.
MECHANICAL SUSPENSION STROKE STOPPERS LIFT SUSPENSION SPRINGS AXLES SPIDERS CAM SHAFTS TRACK DUST SHIELDS BRAKES BEARINGS SLACK ADJUSTERS SEALS BRAKE CHAMBERS HUBS AND DRUMS RIMS SPACERS TIRES	Hendrickson INTRAAX AAT-30K, tridem, 72" spread. N.B.: Wingless suspension bracket. For axles with bearings HM 518445. 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. 10" long, 28 splines with enclosures. 77 1/2". Steel, clamped. 16 1/2" standard, long life H23-HXS Hendrickson lining. HM 518445. 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). WEBB, 10 studs disc hubs, balanced drums 104.5 lbs, outboard mount, 285.75mm B.C., single flange nuts. 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 between two wheels. Plant choice 24.5. 16 Ply
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,



ITEM	DESCRIPTION
CONTROL BOX VALVES LOAD DEVICE	including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table. Stainless steel Used to close the supply of air to air bags. (2 per axle)(shutt off). Note: Not valide on steer axle 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 MUD FLAPS EXTRA MUD FLAP MIDDLE MUDS FLAP	One aluminum cylinder. One set, rubber with Manac logo and vertical grooves to reduce spray. Qty: 1 set, rubber with Manac logo and vertical grooves to reduce spray. Located at FRONT OF LANDING GEAR Center mud flaps, full width (48" wide) with Manac logo. Located ahead of the tridem. (To protect air booster & the suspensions).
FINISHING UNDERCARRIAGE BOGIE HUBS WHEELS OR RIMS RETROREFLECTIVE TAPES	GALV GALV Black. Natural. 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	REF#216972
GALVANIZED CHOICES COUPLER SUB-STRUCTURE (GALV.)	Galvanized choices. Galvanised. 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

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