



A033081

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ITEM	DESCRIPTION
<b>TYPE</b>	CHIPS TRAILER
<b>APPLICATION</b>	GALVANIZED SEE SECTION
<b>DIMENSIONS</b>	
<b>LENGTH</b>	53'-0" (16150 mm)
<b>WIDTH</b>	102 3/8" (2600 mm)
<b>HEIGHT</b>	13'-6" **** coupler height: 52" ****
<b>DROP HEIGHT</b>	35 1/2" (900 mm) located at 123 1/4" (3130 mm) from front.
<b>SUB-STRUCTURE</b>	
<b>KING PIN LOCATION</b>	*** 36" from front. (750 mm) ***
<b>COUPLER PLATE</b>	Approche plate and coupler plate 3/8". (ilo 5/16")
<b>CROSSMEMBERS</b>	KIN PIN Bolted, 2" diameter, Holland, KP-0882 included.
<b>FLOOR</b>	I beams 4" @ 3.64 lbs/ft 80 000 psi steel, 12" c/c. "F.R.P." 1/2" thick, white. ilo plywood. Fastened with rivets (HUCKTAINER) through the F.R.P.
<b>FRONT WALL</b>	Type: "G" (5" radius corners).
<b>PANELS</b>	Stainless steel mirror finish, no paint.
<b>POSTS</b>	Qty: 6, 4 of 45 mm, aluminum, and 1 each end, integrated to aluminum front corners.
<b>FASTENERS</b>	3/16" stainless steel rivets, 4" c/c and 2" c/c on joints.
<b>INTERIOR LINER</b>	See insulation section.
<b>FRONT CORNERS</b>	Double sheathing, 20 gauge stainless steel mirror finished on the outside and unpolished aluminum extrusions.
<b>LADDERS</b>	
<b>CAT WALK</b>	Aluminum, 24" wide on front wall, ladder, made of aluminum, roadside included.
<b>SIDE WALLS</b>	Aluminum.
<b>PANELS</b>	Prepainted white aluminum (.049 thick).
<b>POSTS</b>	Aluminum, 45 mm, 16" c/c, full length.
<b>FASTENERS</b>	3/16" aluminum rivets, 4" c/c and 2" c/c on joints.
<b>INTERIOR LINER</b>	See insulation section.
<b>INTERIOR LINER</b>	Horizontal.
<b>SAMPLE DOOR(S)</b>	None.
<b>TOP RAILS</b>	5 1/2" high, open top aluminum extrusions, unpolished.
<b>BOTTOM RAILS</b>	8 7/8" high, aluminum extrusions, unpainted.
<b>VENTS</b>	6 openings 11" x 19" on each side wall with perforated aluminium plate.
<b>REAR END</b>	
<b>DOOR FRAME</b>	Galvanized steel (G164).
<b>DOOR(S)</b>	Single, dump style, aluminum smoothside at bottom and 2 blower door 44" x 47 1/4" aluminum smoothside at top.
<b>HEADER</b>	Steel formed 4" x 4" x 3/16".
<b>DOOR PANELS</b>	Smoothside panels aluminum 1 1/2" thick.
<b>DOOR LATCH(S)</b>	On door sill. Manually operated by a road side handle.
<b>HINGES</b>	2, one each top corner.
<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.



ITEM	DESCRIPTION
<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. Stainless steel rod, 5/8" diameter x 11 1/2" long (7" inside), located at bottom rear door, 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 height.
<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>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. (10 diodes) From outside, tail light and flasher, flasher with parking, brake with parking.
<b>MAIN SYSTEM</b>	With additional vapor proof junction box Truck-Lite #50400.
<b>INSIDE SPOT LIGHTS</b>	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.
<b>ADDITIONAL MARKERS</b>	Sealed beams (Grote MicroNova LED #47963/62). Qty: 14 additional each side, evenly spaced, evenly spaced, on bottom rails and 12" under top rail. for tarp application. SNAP-IN GROMMET.
<b>LANDING GEAR</b>	Holland, Mark V (LGS-3C315-CS748), with mounting plate Galvanized legs option.
<b>SAND SHOES</b>	10" x 11 1/2", solid axles.
<b>CRANK</b>	Road side.



ITEM	DESCRIPTION
SPAN	Steel, for drop, welded.
DUMMY LEGS	Skids made of aluminum extrusion 4" x 1 1/4".
<b>BASIC MECHANICAL FRAME</b>	Fixed, 1/4" thick, 80 000 psi steel, C-shaped frame construction, plug welded connection, 72" spread tridem air ride suspension.
<b>MECHANICAL SUSPENSION</b>	Hendrickson INTRAAAX disc brake AAT-30K, tridem, 72" spread. N.B.: Wingless suspension bracket. For axles with bearings HM 518445. (Hendrickson MAXX22T)
<b>STROKE STOPPERS</b>	None.
<b>LIFT SUSPENSION</b>	Air lift Hendrickson "UBL-102". **bolted and galvanized**. Quick and brake release valves on air lift suspension.
<b>SPRINGS</b>	Air.
<b>AXLES</b>	LDA, 5 3/4" diameter, 25 000 lbs. capacity.
<b>SPIDERS</b>	Welded.
<b>CAM SHAFTS</b>	10" long, 28 splines with enclosures.
<b>TRACK</b>	77 1/2".
<b>DUST SHIELDS</b>	Steel, clamped.
<b>BRAKES</b>	disc
<b>BEARINGS</b>	HM 518445.
<b>SLACK ADJUSTERS</b>	Meritor, automatic, 28 splines.
<b>SEALS</b>	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
<b>BRAKE CHAMBERS</b>	T.S.E. brake, "Omnibrake" (30-30), (push rod 9 3/4"). (4 years warranty by T.S.E. for parts only).
<b>HUBS AND DRUMS</b>	WEBB, 10 studs disc hubs, balanced drums 104.5 lbs, outboard mount, 285.75mm B.C., single flange nuts.
<b>RIMS</b>	Alcoa, aluminum, "ULTRA ONE", 22.5 x 14.0, disc (10 holes), outset 2", 285.75mm B.C., single flange nuts. ATTENTION: *** Load capacity can be reduce. ***
<b>SPACERS</b>	Wheel guard 10 holes. Located between the inside wheel and the drum and between two wheels.
<b>TIRES</b>	Continental, 445/50 R 22.5 HTL-1      20 ply      (39.2")
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed, bolted.
<b>AIR VALVES</b>	Meritor Wabco, IABS, 2 sensors 1 modulator.
<b>VALVE</b>	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>	Stainless steel, 10" height x 18" width x 6" deep.
<b>AUTOMATIC TIRE INFLATION</b>	Automatic Tire inflation System Hendrickson Tiremaax PRO. For axles with bearings HM 518445, dual tires. NOTE: Axles prep. fees included for undressed axle. *** Maximum allowable tire pressure for this device is 120psi *** **Plug 75.0993**
<b>VALVES</b>	Used to close the supply of air to air bags. (2 per axle)(shut off).



ITEM	DESCRIPTION
<b>LOAD DEVICE</b>	<p>Note: Not valide on steer axle</p> <p>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.</p> <p>Located: On front wall roadside, 1'-4" up from bottom rail.</p>
<b>ACCESSORIES</b>	
<b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.
<b>MUD FLAPS</b>	One set, rubber with Manac logo and vertical grooves to reduce spray.
<b>EXTRA MUD FLAPS</b>	Qty: 1 set, rubber with Manac logo and vertical grooves to reduce spray.
<b>MIDDLE MUDS FLAP</b>	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).
<b>FINISHING</b>	
<b>UNDERCARRIAGE</b>	One coat black undercoating.
<b>BOGIE</b>	One coat black undercoating.
<b>HUBS</b>	Black.
<b>WHEELS OR RIMS</b>	Natural.
<b>RETROREFLECTIVE TAPES</b>	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.
<b>ADDITIONAL OPTIONS</b>	<p>Please note that Manac reserves the right, upon reasonable notice and prior to the delivery date, to adjust the quoted prices of this contract which are impacted by an increase in the cost of raw materials or components, or by any increase in tariffs and any addition or increase in direct or indirect taxes. The contracts price so adjusted by Manac will bind the parties.</p> <p>R *** quick disconnects for air lines between second and third axles ***</p>
<b>GALVANIZED CHOICES</b>	Galvanized choices.
<b>COUPLER</b>	Galvanized coupler.
<b>CROSSMEMBERS</b>	Galvanized, cross members, "C" frame and sub-structure modules, fenders and brackets suspension for tridem.
<b>CONFORMITY</b>	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.
<b>DISCLAIMER</b>	
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.	