HALE TRAILER BRAKE & WHEEL

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A015371
VIN: 162118

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ITEM	DESCRIPTION
TYPE	CHIPS TRAILER
DIMENSIONS	
LENGTH	48'-0" (14630 mm)
WIDTH	102 3/8" (2600 mm)
HEIGHT	13'-6" coupler height: 48"
WEDGE HEIGHT	5" front to rear.
SUB-STRUCTURE	
KING PIN LOCATION	36" from front. (900 mm)
KING PIN	Bolted Jost KZ1008.
COUPLER PLATE	5/16" thick, reinforced, 100 000 psi steel, extends 18" behind king pin, 17 500 kgs capacity.
CROSSMEMBERS	I beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, 12" center to center, galv.
FLOOR	
FLOOR	Walking Keith 7/32" straight, (2190/2191-1212) 48'-0", 3 1/2" cylindre. Aluminum Keith subdeck #2469 bolted to the galv. crossmembers. SPLASH BEARING HOLDDOWN #2468 full length.
T-BLOCK	Installed at extremities each slat, located at rear of floor.
SUB-STRUCTURE (GALV.)	Galvanized, cross members, "C" frame for tridem and landing gear structure included. (sub-structure galvanized all over except coupler)
FLOOR	Walking floor deflector with rubber flat at bottom to avoid materiel to go behing.
FRONT WALL	Type: "G" (5" radius corners).
PANELS	Prepainted white aluminum 0.040 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 sheating, 20 gauge stainless steel mirror finished and unpolished aluminum extrusions 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)	One, aluminum, 10" x 14", installed road side.

ITEM	DESCRIPTION
TOP RAILS	5 1/2" high, open top aluminum extrusions, unpolished.
BOTTOM RAILS	8 7/8" high, aluminum extrusions, unpainted.
POSTS	Posts at 12" c/c for last three side panels.
VENTS	6 openings 11" x 19" on each side wall with perforated aluminium plate.
REAR END	
DOOR FRAME	Galvanized steel (G164).
DOOR(S)	Double, swing type, aluminum.
HEADER	Steel formed 4" x 4" x 3/16".
DOOR PANELS	Prepainted white aluminum 0.049 thick.
DOOR LOCK(S)	Single, Eberhard 1969-U.
HINGES	3 per door, aluminum.
DOOR HOLDBACKS	Chain and hook type, including stabilizing rubber stoppers.
DOOR FRAME BUMPER	1 1/2" x 1 1/2" solid steel push bars.
BUMPER	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.
DOOR LOCK(S)	Security type, road side.
ROOF	Open type.
BOWS	Qty: 3, steel, without offset and hignes.
TARP SUPPORT	1/4" aluminum plate at each end of the unit for roll tarp type.
NET	None, (NO HOOK FOR NET).
INSULATION	
FRONT WALL	1 1/2" thick Polyform. Front corners, 1" thick Polyform.
FRONT INTERIOR LINER	Kemlite LTR, .120" thick, fastened with steel pop rivets.
SIDE WALLS	1 1/2" thick Polyform.
INTERIOR LINER	Kemlite LTR, .120" thick, fastened with steel pop rivets.
ELECTRICAL	
FRONT CONNECTOR	7 ways (SAE J560), Phillips brand, located center.
FRONT ADD. CONNECTOR	7 ways (ISO 3731), for auxiliary functions only.
ELECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
MAIN SYSTEM	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 #60280-M.
FLASHERS	Sealed beams LED, (Grote #54163), one lamp including side marker and flasher each side at middle point, amber.
BACK UP LIGHTS	Sealed beam spot light (Grote #40-4411-00 in a closed back rubber grommet), Qty: 2
TAIL LIGHTS	Sealed beams, red, (Grote LED #53252). Qty: 1 additionnal each side. (10 diodes) From outside, tail light and flasher, flasher with parking, brake with parking.
LANDING GEAR	Holland, Mark V (LGS-3C315),
SAND SHOES	10" x 11 1/2", solid axles.
CRANK	Road side.

ITEM	DESCRIPTION
SPAN	3/16" formed steel, reinforced, galvanized.
BASIC MECHANICAL	
FRAME	Fixed, for wedge sub-structure, 1/4" thick, 80 000 psi steel, C-shaped frame construction, bolted connection, 60" spread tridem air ride suspension.
MECHANICAL	
SUSPENSION	Hendrickson INTRAAX AAT-30K, spacer, tridem, 60" spread. For axles with bearings HM 518445.
STROKE STOPPERS	Retaining chains for INTRAAX air suspensions with grounded axles.
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, H23 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, "Omnibrake" (30-30), (push rod 9 3/4").
HUBS AND DRUMS	KIC, 10 studs disc hubs, balanced drums 101.6 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium wheels.
RIMS	Aluminum, EXTRA polished, 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	Continental, 11 R 24.5 HSR-2 16 ply (43.5")
AIR SYSTEM	
GLAD HANDS	Fixed, bolted.
AIR VALVES	Meritor Wabco, ABS, 2 sensors 1 modulator.
VALVE	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.
DIAGNOSTIC CABLE	Not included with ABS valve.
CONTROL BOX	Stainless steel.
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 plastic, Betts-PS-1 or equivalent.
MUD FLAPS	One set, rubber with Manac logo and vertical grooves to reduce spray.
EXTRA MUD FLAP	Qty: 2 set, rubber with Manac logo and vertical grooves to reduce spray. Located at BEHIND EACH AXLE.
HYDR. CONN. (PRESSURE)	Male, 1" diameter, quick coupling.

ITEM	DESCRIPTION
HYDR. CONN. (RETURN)	Female, 1" diameter, quick coupling.
HYDRAULIC LINES	Hydraulic oil. Operating temperature -10 to 60 degree Celsius.
HYDRAULIC LINES	[3]Minimum pump data required : [3]Operation pressure : 2800 psi [3]Pump : 30 to 35 gpm [3]Tank : 35 gallons Hydraulic control for mobil floor with lever extension.
FINISHING	
PAINT	Roof bows cleaned with abrasive and covered with two coats of epoxy primer and two top coats of polyurethane paint, color: gray, Code: U-TECH FLNA70715.
UNDERCARRIAGE	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.

DISCLAIMER
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