



Hale Trailer Brake & Wheel  
183121-183122



ITEM	DESCRIPTION
<b>TYPE</b>	CHIPS TRAILER
<b>APPLICATION</b>	GALVANIZED SEE SECTION
<b>DIMENSIONS</b>	
<b>LENGTH</b>	48'-0" (14630 mm)
<b>WIDTH</b>	102 3/8" (2600 mm)
<b>HEIGHT</b>	13'-6" coupler height: 48"
<b>WEDGE HEIGHT</b>	5" front to rear.
<b>SUB-STRUCTURE</b>	
<b>KING PIN LOCATION</b>	36" from front. (900 mm)
<b>KING PIN</b>	Bolted, 2" diameter, Holland, KP-0881.
<b>COUPLER PLATE</b>	5/16" thick, reinforced, 100 000 psi steel, extends 18" behind king pin, 17 500 kgs capacity.
<b>CROSSMEMBERS</b>	I beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, 12" center to center, Galv.
<b>FLOOR</b>	Preparation for walking floor installed at Manac.
<b>FLOOR</b>	Walking Keith 7/32" straight, (2190/2191) 48'-0", 3 1/2" cylindre. Bolted aluminum subdeck #2469, splash guard #2468 full length, T-block included. (application galvanized sub-structure) Walking floor deflector with rubber flat at bottom to avoid materiel to go behing.
<b>FRONT WALL</b>	
<b>PANELS</b>	Type: "G" (5" radius corners). Prepainted white aluminum 0.049 thick.
<b>POSTS</b>	Qty: 6, 4 of 45 mm, aluminum, and 1 each end, integrated to aluminum front corners.
<b>FASTENERS</b>	3/16" aluminum rivets, 4" c/c and 2" c/c on joints.
<b>INTERIOR LINER</b>	See insulation section.
<b>FRONT CORNERS</b>	Double sheeting, aluminum extrusions, unpolished on the outside and aluminum plate inside.
<b>LADDERS</b>	
<b>CAT WALK</b>	Aluminum, 24" wide on front wall, ladder, made of aluminum, center included.
<b>SIDE WALLS</b>	
<b>PANELS</b>	Aluminum. 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>	One, aluminum, 10" x 14", installed road side.
<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>POSTS</b>	Posts at 12" c/c for last three side panels.
<b>REAR END</b>	
<b>DOOR FRAME</b>	Galvanized steel (G164).



ITEM	DESCRIPTION
<b>DOOR(S)</b>  <b>HEADER</b> <b>DOOR PANELS</b> <b>DOOR LOCK(S)</b> <b>HINGES</b> <b>DOOR HOLDBACKS</b> <b>DOOR FRAME BUMPER</b>  <b>BUMPER</b>  <b>DOOR LOCK(S)</b>	Double, swing type, Prepainted aluminum at bottom and 2 blower doors 36 1/2" x 41 1/2" aluminum prepainted at top. Steel formed 4" x 4" x 3/16". Prepainted white aluminum 0.049 thick. Single, Eberhard 1969-U. 3 per door, aluminum. Chain and hook type, including stabilizing rubber stoppers. 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. Security type, road side.
<b>ROOF</b> <b>BOWS</b>  <b>TARP SUPPORT</b> <b>NET</b>	Open type. Qty: 3, galvanized steel (G164), without offset and hinges. Evenly spaced. 1/4" aluminum plate at each end of the unit for roll tarp type. None, (NO HOOK FOR NET).
<b>INSULATION</b> <b>FRONT WALL</b>  <b>FRONT INTERIOR LINER</b>  <b>SIDE WALLS</b> <b>INTERIOR LINER</b>	1 1/2" thick Polyform. Front corners, 1" thick Polyform. Kemlite white "monster scuff", .240" thick, fastened with steel pop rivets.  1 1/2" thick Polyform. Kemlite LTR, .120" thick, fastened with steel pop rivets.
<b>ELECTRICAL</b> <b>CONNECTOR PLATE</b> <b>FRONT CONNECTOR</b> <b>FRONT ADD. CONNECTOR</b> <b>ELECTRICAL SYSTEM</b> <b>MAIN SYSTEM</b>  <b>FLASHERS</b>  <b>BACK UP LIGHTS</b>  <b>TAIL LIGHTS</b>	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 #60280-M. Sealed beams LED, one lamp including side marker and flasher each side at middle point, amber. Sealed beam spot light (Grote #40-4411-00 in a closed back rubber grommet), 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.
<b>LANDING GEAR</b> <b>SAND SHOES</b> <b>CRANK</b> <b>SPAN</b>	Holland, Mark V (LGS-3C315), 10" x 11 1/2", solid axles. Road side. 3/16" formed steel, reinforced, galvanized.



ITEM	DESCRIPTION
<b>BASIC MECHANICAL</b> <b>FRAME</b>	Fixed, for wedge sub-structure, 1/4" thick, 80 000 psi steel, C-shaped frame construction, bolted connection, 60" spread tridem air ride suspension.
<b>MECHANICAL</b> <b>SUSPENSION</b>	Hendrickson INTRAAX AAT-30K, spacer, tridem,***60**** spread. For axles with bearings HM 518445.
<b>STROKE STOPPERS</b>	Retaining chains for INTRAAX air suspensions with grounded axles.
<b>LIFT SUSPENSION</b>	Air lift Hendrickson "UBL" with air system Manac. Quick and brake release valves on air lift suspension. On rear axle.
<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>	16 1/2" standard, H23 Hendrickson lining.
<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, "Omni brake" (30-30), (push rod 9 3/4").
<b>HUBS AND DRUMS</b>	KIC, 10 studs disc hubs, balanced drums 101.6 lbs, outboard mount, 285.75mm B.C., single flange nuts. For dual aluminium wheels.
<b>RIMS</b>	Alcoa, aluminum, half "ULTRA ONE" and half steel. 24.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts.
<b>SPACERS</b>	Wheel guard 10 holes. Located between the inside wheel and the drum and between two wheels.
<b>TIRES</b>	Continental, 11 R 24.5 HSR-2                                    16 ply    (43.5") Use stock inventaire 241 265 PNEU,G.Y.MARATHON sur unité 183120 seulement.
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed, bolted.
<b>AIR VALVES</b>	Meritor Wabco, ABS, 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.
<b>ACCESSORIES</b>	
<b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.
<b>HYDR. CONN. (PRESSURE)</b>	Male, 1" diameter, quick coupling.
<b>HYDR. CONN. (RETURN)</b>	Female, 1" diameter, quick coupling.
<b>HYDRAULIC LINES</b>	Hydraulic oil. Operating temperature -10 to 60 degree Celsius.
<b>HYDRAULIC LINES</b>	Minimum pump data required : Operation pressure : 2800 psi



ITEM	DESCRIPTION
<b>EXTRA MUD FLAPS</b>	Pump : 30 to 35 gpm Tank : 35 gallons Qty: 2 set, rubber with Manac logo and vertical grooves to reduce spray. Located at REAR OF EACH AXLES. Hydraulic control for mobil floor with lever extension.
<b>FINISHING</b> <b>UNDERCARRIAGE</b> <b>HUBS</b> <b>WHEELS OR RIMS</b> <b>RETROREFLECTIVE TAPES</b>	Galv. Black. Natural aluminum and white steel (Powder top coat). 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>ANNEX(ES) ATTACHED</b> <b>GALVANIZED CHOICES</b> <b>SUB-STRUCTURE (GALV.)</b>	Ref 179907 Galvanized choices. Galvanized, cross members, "C" frame for tridem and landing gear structure included. (sub-structure galvanized all over except coupler)
<b>CONFORMITY</b>	This unit is excluded from GHG regulations.

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.