

Hale Trailer Brake & Wheel A007888-A007902



ELECTRICAL SYSTEM

MAIN SYSTEM



••manac	VIN: 215734-215748	
ITEM	DESCRIPTION	
TYPE	SEMI-TRAILER, STEEL DROP PLATFORM LEGEND SD	
DIMENSIONS		
LENGTH	53'-0"	
WIDTH	102", 97" between side rails.	
HEIGHT	Floor, approximately 59" high at front and 41" at the bumper.	
DROP HEIGHT	20", located at 10'-6" from front.	
COUPLING		
COUPLER PLATE	3/8", welded structure.	
KING PIN LOCATION	18" from front.	
COUPLER HEIGHT	50".	
STRUCTURE	44" c/c frame with "CAMBER".	
FLANGES	1/2" x 5", 100 000 psi steel, 24" high in center	
	and 16 1/2" above suspension.	
WEB	1/4" plate in king pin area and the remaining in 3/16",	
	80 000 psi steel. 24" high, with holes, parachute shaped,	
	to lighten trailer.	
GOOSENECK	11 1/4" high, 48" straight behind king pin.	
CROSSMEMBERS	l beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, galvanised,	
	16" c/c in gooseneck and the remaining 12" c/c.	
FLOOR	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.	
FLOOR FASTENING	Screws.	
SIDE RAILS	10 gauge shaped 80 000 psi steel, 5" width x 5 11/16" height.	
SIDE BOXES	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high, (USA Dimensions). Cargo pockets.	
RUB RAILS	3/8" x 2 1/2" shaped steel.	
CORNERS	Bevelled.	
FENDERS	Reinforcement over tires at rear, steel tubing structure, galvanized (G164),	
	floor full length.	
KNEE BRACES	3/16" formed steel plates, galvanized (G164), bolted in web and a	
	crossmembers located each side.	
X BRACES	Between main beams, full length.	
ENDS		
FRONT RAIL	Formed steel, bolted.	
BUMPER	CMVSS 223-RIG approved (in accordance with Canada & USA regulation).	
	Galvanized (G164) steel, bolted uprights to frames, 4" x 4" cross bar	
	formed tubing at a maximum height of 22" from under tubing	
	to ground.	
BUMPER	2 rubber dock, at the end of rear rail.	
REAR RAIL	Formed steel.	
ELECTRICAL		
FRONT CONNECTOR	7 way (SAE J560).	
FRONT ADD. CONNECTOR	7 way (ISO 3731), for auxiliary functions only.	
	*** Air lift wind on the block wire ***	

*** Air lift wired on the black wire ***

Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.

Grote Ultra Blue LED, sealed beams, tail lights, markers lights "Dot",





ITEM	DESCRIPTION	
	identification lights (2 1/2" dia.), licence light.	
FLASHERS	Sealed beams LED, one lamp including side marker and flasher,	
	each side at middle point, amber.	
	Warning lamp Tiremaax installed on road side front rail.	
ANDING GEAR	Holland, Mark V (LGS-4F315), with mounting plate & solid axles.	
	*** Galvanized ***	
SAND SHOES	18" x 18" mud feet.	
CRANK	Road side.	
OGIE		
BASIC MECHANICAL		
BOGIE	Fixed, pour tridem 60" spread.	
	*** 43'-0" from KP to C/L of 2nd axle ***	
IECHANICAL (GROUND AXL	ES)	
SUSPENSION	Hendrickson INTRAAX AANL-23K (6.5), tridem.	
	N.B.: Winged suspension bracket.	
	For axles with bearings HM 218248 and HM 212049.	
LIFT DEVICE	Hendrickson UBL bolted kit, air system Manac.	
	Located: on rear axle.	
	*** Only 1 1/2" of clearence from the ground if used at rear ***	
	*** NO WARRANTY ON THE TIRES NOR GROUND AXLES, (FLAT SPOT) ***	
SPRINGS	Air.	
AXLE(S)	LDA, 5 3/4" diameter, 23 000 lbs. capacity.	
CAM SHAFTS	28 splines with enclosures, 10" long.	
TRACK	77 1/2".	
DUST SHIELDS	None (Intraax axles).	
BRAKES	16 1/2" standard, long life H20-HXS Hendrickson lining.	
BEARINGS	HM 218248 and HM 212049.	
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").	
DIVINE OHAMBENO	(4 years warranty by T.S.E. for parts only).	
HUBS AND DRUMS	10 stud disc hubs, balanced drums outboard mount, 285.75mm B.C.,	
	single flange nuts.	
	For dual aluminum wheels.	
RIMS		
	22.5 x 8.25, disc (10 holes),	
TIRES	285.75mm B.C., single flange nuts, 2 hand holes.	
	General, 255/70 R 22.5 HT 16 ply (36.6") Automatic Tire inflation System Hendrickson Tiremaax.	
IR SYSTEM		
GLAD HANDS	Fixed.	
AIR VALVES	Meritor Wabco, ABS, 2 sensors 1 modulator.	
VALVE(S)	Manual blow down valve WITHOUT control box, mounted on a support	
VALVE(3)	mandal blow down valve with OOT control box, mounted on a support	

under crossmembers, with auto-reset feature, including Glycerin

filled pressure gauge, in P.S.I., to indicate load with a

Quick and brake release valves on air lift.

conversion table.

VALVE(S)





ITEM	DESCRIPTION
CONTROL BOX	*** Stainless steel ***
AUTOMATIC TIRE INFLATION	
AUTOMATIC TIRE INFLATION	Automatic Tire inflation System Hendrickson Tiremaax PRO.
	Axles preparation included, dressed axles, dual tires.
	*** Maximum allowable tire pressure for this device is 120psi ***
	(tridem application)
	"Automatic Tire Inflation Systems", REMARK: Make sure the system is adjusted
	to the same tires pressure written on the serial plate.
ACCESSORIES	
REGISTRATION HOLDER	One plastic, Betts-PS-1 or equivalent.
MUD FLAPS	One set, rubber black with moose and vertical grooves to reduce spray.
SLIDING TRACK	Full length, "LL" extruded aluminum, road side.
WINCHES	Qty: 12, KINEDYNE #1020ZP, zinc plated slider (low profil 5 7/8").
	<u> </u>
FINISHING	
PAINT	Trailer not painted and no primer applied.
FINISHING	Trailer frame prepared and shipped to AZZ Galvanizer to be galvanized.
PAINT	Galvanized Siderails, front sill, and rear sill
	No paint or primer applied
BOGIE	One coat of epoxy primer and one acrylic urethane top coats,
	Color: Metallic gray, code: PPG Q37-939514
	Axles (wheel end) included. (Tandem).
RETROREFLECTIVE TAPES	Conspicuity striping in compliance with CMVSS 108. Gray and red each side,
	fully covers rear sill and horizontal underride protection bar.
WHEELS OR RIMS	White (power top coat).
AXLES	Color: Metalic gray, code: PPG Q37-939514
PAINT	Vin plate to be made of metal. Pre-drill the web prior to galvanizing
ADDITIONAL OPTIONS	CAME AC III/000040
ADDITIONAL OPTIONS	SAME AS U#209619
R	Due to the deep backlogs, material/component availability and price
	fluctuation, Manac reserves the right to adjust the price based on these
	instabilities. If needed, Manac will contact the dealer or customer a
	minimum of 3 months prior to assembly with revised pricing or a change in
	components.
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.
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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.