HALE TRAILER BRAKE & WHEEL

Hale Trailer Brake & Wheel
A000753-A000761

manac

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	48".
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	I 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 wired on the black wire ***
ELECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
MAIN SYSTEM	Grote Ultra Blue LED, sealed beams, tail lights, markers lights "Dot",

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	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.
LANDING GEAR	AXN, (LG50DUN) *** Order landing gear with the standard feet ***
SAND SHOES	18" x 18" mud feet.
CRANK	Road side.
BOGIE	
BASIC MECHANICAL	
BOGIE	Fixed, pour tridem 60" spread. *** 43'-0" from KP to C/L of 2nd axle ***
MECHANICAL (GROUND AXLES)	
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"). (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), 285.75mm B.C., single flange nuts, 2 hand holes.
TIRES	General, 255/70 R 22.5 HT 16 ply (36.6") Automatic Tire inflation System Hendrickson Tiremaax.
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, ABS, 2 sensors 1 modulator.
VALVE(S)	Manual blow down valve *** WITH *** control box, with auto-reset feature, including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table.
VALVE(S)	Quick and brake release valves on air lift.
CONTROL BOX	*** Stainless steel ***

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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").
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
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).
BOGIE	One coat of epoxy primer and one acrylic urethane top coats, Color: Metallic gray, code: PPG Q37-939514. Axles (wheel end) included.
AXLES	Color: Metalic gray, code: PPG Q37-939514.
PAINT	Vin plate to be made of metal. Pre-drill the web prior to galvanizing
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
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.