HALE TRAILER BRAKE & WHEEL

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A039797-A039798

VIN: S038441-S038442

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", plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	48".
STRUCTURE	***44" c/c frame with "NO CAMBER OR MINIMAL AS POSSIBLE".
FLANGES	3/8" x 5", 100 000 psi steel, goose neck section. 1/2" x 5", high tensile, 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. 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.
HEADBOARD	48" high, steel, 4 uprights and top made of tubing GALVANIZED and 11 gauge galvanised steel plate installed inside with retroreflective tapes. (this bulkhead is NOT D.O.T.)
POCKETS	2 bolted galvanised pockets at front for removable headboard.
BUMPER	2 rubber dock, at the end of rear rail.
REAR RAIL	Formed steel.
ELECTRICAL	

ITEM	DESCRIPTION
FRONT CONNECTOR	7 way (SAE J560).
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", 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.
TAIL LIGHTS	Sealed beams (Grote DEL #54332) red. Qty: 1 additionnal each side. From outside, tail lights and flasher, flasher with parking, brake with parking. Warning lamp Tiremaax installed on road side front rail.
LANDING GEAR	Holland, Mark V (LGS-4F315), with mounting plate & solid axles. ***fully galvanized*** Legend base only.
SAND SHOES	10" x 11 1/2".
CRANK	Road side.
BOGIE	
BASIC MECHANICAL	
BOGIE	Fixed front suspension and slider bogie at rear Intraax AAZL 23K single, Z frame structure, 6.5" R.H., with "UHMV" slider plastic pads, 4 retainers and 4 pneumatic locking pins "Quik Draw", tandem 54", 65" and 122" spread.
MECHANICAL (GROUND AXLES)	
SUSPENSION	Hendrickson INTRAAX AANL-23K (6.5), tandem with AAZL-23K N.B.: Winged suspension bracket.
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	TSE S-ASA, 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	Doublecoin, 255/70 R 22.5 RT500 16 ply (36.6") Automatic Tire inflation System Hendrickson Tiremaax.
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, IABS, 2 sensors 1 modulator.
VALVE(S)	Automatic blow down valve, WITHOUT control box,

ITEM	DESCRIPTION
VALVE(S)	Fast-brake kit.
AUTOMATIC TIRE INFLATION	Automatic Tire inflation System Hendrickson Tiremaax PRO. For axles with bearings HM 218248 and HM 212049, dual tires. NOTE: Axles prep. fees included for undressed axle. *** Maximum allowable tire pressure for this device is 120psi *** (tandem 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 #1020SV, silver painted slider (low profil 5 7/8").
STORAGE BOX(ES)	Qty: 2 , smooth aluminum box, double doors, hinges on sides, antirack lock. 24" deep x 18" high x 60" wide. Located at MIDWAY EACH SIDE ***BOX TO BE MOUNTED BELOW WINCHES ON ROADSIDE
FINISHING	
PAINT	Trailer frame prepared and shipped to AZZ Galvanizer to be galvanized.
PAINT	Trailer not painted and no primer applied.
BOGIE	One coat of epoxy primer and one acrylic urethane top coats, Color: black, code: PPG CCA947255-55.
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 (powder top coat).
AXLES	Color: black, code: PPG CCA947255-55.
V.I.N. PLATE	V.I.N. 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.