



Hale Trailer Brake & Wheel

A008637-A008639

VIN: 217060-217062



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	1/4", 80 000 psi steel, plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	48".
STRUCTURE	44" c/c frame with "CAMBER".
FLANGES	3/8" x 5", 100 000 psi steel, goose neck section.
WEB	1/2" x 5", high tensile, 24" high in center and 16 1/2" above suspension. 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	1 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).
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,



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	each side at middle point, amber.
LANDING GEAR	Holland, Mark V (LGS-4F315), with mounting plate & solid axles.
SAND SHOES	*** Galvanized ***
CRANK	10" x 10". 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. For axles with bearings HM 218248 and HM 212049.
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")
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Rockwell Wabco, ABS, 2 sensors 1 modulator.
VALVE(S)	Automatic blow down valve, WITHOUT control box,
VALVE(S)	Fast-brake kit.
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 frame prepared and shipped to AZZ Galvanizer to be galvanized.



ITEM	DESCRIPTION
PAINT PAINT BOGIE RETROREFLECTIVE TAPES WHEELS OR RIMS AXLES PAINT	Trailer not painted and no primer applied. Galvanized Siderails, front sill, and rear sill No paint or primer applied *** Metallic Gray *** Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar. White (power top coat). *** Metallic Gray *** Vin plate to be made of metal. Pre-drill the web prior to galvanizing
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.

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.