

## Hale Trailer Brake & Wheel A012036-A012047 VINS: 219596-219607



ELECTRICAL



ITEM	DESCRIPTION	
YPE	SEMI-TRAILER, STEEL DROP PLATFORM	
DIMENSIONS		
LENGTH	48'-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.	
OUPLING		
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	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. 26" high at the peak	
	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	Two screws per board at each crossmember.	
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).	
SIDE BOXES	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),	
KNEE BRACES	floor full length.	
	<b>G</b>	
	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.	
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BUMPER	CMVSS 223-RIG approved (in accordance with Canada & USA regulation).	
	Galvanized (G164) steel, bolted uprights to frames, 4" x 4" cross bar	
	roll formed tubing at a maximum height of 22" from under tubing	
	to ground.	
HEADBOARD	48" high, steel, 4 uprights and top made of tubing and	
	11 gauge steel plate installed inside with retroreflective tapes.	
	*** Galvanized ***	
POCKETS	2 bolted galvanised pockets at front for removable headboard.	
BUMPER	2 Heavy duty rubber dock, at the end of rear rail.	
REAR RAIL	13" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2"	
	shaped steel.	



**ACCESSORIES** 

**MUD FLAPS** 

**REGISTRATION HOLDER** 

**EXTRA MUD FLAPS** 



ITEM	DESCRIPTION
FRONT CONNECTOR	7 way (SAE J560), Phillips brand.
ELECTRICAL SYSTEM	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
MAIN SYSTEM	Grote Ultra Blue LED, sealed beams, (tail lights with male pins #54332,
	markers lights Micronova #47962, 47973, identification lights #47122
	(2 1/2" dia.), licence light #60291-3).
FLASHERS	Sealed beams LED, one lamp including side marker and flasher,
LAGILAG	each side at middle point, amber.
LANDING GEAR	Holland, ATLAS 55 (LG442B), with mounting plate.
SAND SHOES	10" x 10".
CRANK	Road side.
BOGIE	
BASIC MECHANICAL	Basic mechanical for sales book.
BOGIE	Fixed, for tandem 50" spread.
	*** Last axle at 60" from rear ***
MECHANICAL (GROUND AXLES)	
SUSPENSION	Hendrickson INTRAAX AANL-23K (6.5), tandem.
	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	Steel, clamped.
BRAKES	·
BEARINGS	16 1/2" standard, long life H20-HXS Hendrickson lining. 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").
LUIDO AND DOUMO	(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	Meritor Wabco, ABS, 2 sensors 1 modulator.
VALVE(S)	Manual blow down valve in a control box,
	with auto-reset feature.
CONTROL BOX	*** Stainless steel ***.

One plastic, Betts-PS-1 or equivalent.

None

One set, rubber with Manac logo and vertical grooves to reduce spray.





ITEM	DESCRIPTION		
SLIDING TRACK	Full length, "LL" extruded aluminum, road side.		
WINCHES	Qty: 12, ANCRA #49207-137-XZ, zinc plated slider (low profil 5 7/8").		
STRAPS	Qty: 12, nylon winch straps with flat hook, 30' long x 4" wide.		
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).		
PAINT	Vin plate to be made of metal. Pre-drill the web prior to galvanizing		
ADDITIONAL OPTIONS	*** Same as U#211848 ***		
	Due to deep backlogs, material/component availability, price fluctuation in		
	fuel and transportation costs, 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		
	regulations will be daded to the little paronage price and charged back to		