

HALE

TRAILER

BRAKE & WHEEL



Hale Trailer Brake & Wheel 201411-201413



ITEM	DESCRIPTION
TYPE	TELESCOPIC SEMI-TRAILER, STEEL PLATFORM.
DIMENSIONS	
LENGTH	53'-0" closed.
LENGTH	90'-0" open
OPENINGS	5'-0" increments in closed position.
WIDTH	102", 97" between side rails.
HEIGHT	Floor, approximately 61 1/4" high at front and 58" at rear.
COUPLING	
COUPLER PLATE	5/16", plug welded structure.
KING PIN LOCATION	18" from front.
COUPLER HEIGHT	49".
STRUCTURE	
FLANGES	Frame with "CAMBER".
FLANGES	Female section, (exterior), 3/8" x 6", 100 000 psi steel, 24" high.
WEB	Male section (interior), 3/4" x 6", 60 000 psi steel, 17 5/8" high.
GOOSENECK	1/4" plate in king pin area and the remaining in 3/16",
CROSSMEMBERS	80 000 psi steel.
FLOOR	12" high, with integrated nose ramp and 48" straight behind king pin.
FLOOR FASTENING	I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel, galvanised, 12" c/c.
SIDE RAILS	Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.
SIDE BOXES	Two screws per board at each crossmember.
RUB RAILS	Galvanized 10 gauge shaped 80 000 psi steel, 5" width x 5 11/16" high.
CORNERS	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high, (USA Dimensions).
DIAGONAL BRACES	Galvanized front and rear sills.
X BRACES	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high.
ROLLERS	(USA Dimensions).
SPACERS FOR RUB RAILS	3/8" x 2 1/2" shaped steel.
ENDS	Bevelled.
FRONT RAIL	2" x 2" x 3/16" angles, welded in web and to a crossmember,
BUMPER	located each side.
LOCKERS	Between main beams, full length, sheet metal with cutting holes at front and
ROLLERS	rear between male main beams.
SPACERS FOR RUB RAILS	Air operated with a third glad hand at front.
ENDS	4, 2 on female sections of frames and 2 on male sections.
FRONT RAIL	Formed steel 1/4". (Galvanized)
BUMPER	CMVSS 223-RIG approved (in accordance with Canada & USA regulations).
LOCKERS	Uprights integrated with frames, 4" x 4" cross bar roll formed tubing at
ROLLERS	a maximum height of 22" from under tubing to ground.
SPACERS FOR RUB RAILS	Aluminum plate, bolted between bumper uprights
ENDS	to close rear.
FRONT RAIL	2 welded pockets at front for removable headboard.
LOCKERS	11" high, 9 gauge formed steel, including 3 boxes at rear and 3/8" x 2 1/2"
ROLLERS	shaped steel.
SPACERS FOR RUB RAILS	
ELECTRICAL	



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, grounded to front connector, sealed beams Grote.
	(tail lights with male pins #54332, markers #47122, 47233 (2 1/2" dia.),
	licence light #60280-M, with vapor proof junction box Truck-Lite #50400).
TURN SIGNAL	Sealed beams LED, one lamp including side marker and flasher,
	each side at middle point, amber.
REAR ADD. CONNECTOR	4 way.
LANDING GEAR	Holland, Mark V (LGS-4F115), with mounting plate, galvanized.
SAND SHOES	10" x 11 1/2".
CRANK	Road side.
BOGIE	
BASIC SUSPENSION	
BOGIE	Slider, air ride suspension, tridem, 60" spread.
	Bogie tubing frame for suspension with 9" mounting height. (96" travel)
	Legal Canada-USA, (applicable for 53'telescopic)
SUSPENSION	Hendrickson HT-250US (9), tridem, 60" spread.
	(Use only with slider bogie)
U-BOLTS	With nuts at bottom.
SPRINGS	Air.
AXLE(S)	AXN, TA250T, 22 000 lbs. capacity.
SPIDERS	Welded.
CAM SHAFTS	28 splines.
TRACK	77 1/2".
DUST SHIELDS	None (dia. 5").
BRAKES	16 1/2" standard, AXN R23 extended life 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).
	(4 years warranty by T.S.E. for parts only).
HUBS AND DRUMS	10 studs disc hubs, outboard mount, 285.75mm B.C.,
	single flange nuts.
	For dual steel wheels or single wheels.
RIMS	24.5 x 8.25, disc (10 holes),
	285.75mm B.C., single flange nuts, 2 hand holes.
TIRES	General, 11 R 24.5, RA 16 ply (43.4")
	(replace the S371)
MANUAL STOP BAR(S)	Two, Manac heavy duty, 1 5/8" diameter.
AIR SYSTEM	
GLAD HANDS	Fixed.
AIR VALVES	Meritor Wabco, ABS, 2 sensors 1 modulator.
VALVE	(2) Fast-brake kit.
VALVE	Manual blow down valve in a control box, with auto-reset feature,
	including Glycerin filled pressure gauge, in P.S.I., to indicate
	load with a conversion table.
CONTROL BOX	*** Stainless steel ***



ITEM	DESCRIPTION
AUTOMATIC TIRE INFLATION	Automatic Tire inflation System Hendrickson Tiremaax CP for axles with bearings HM 218248 & HM 212049, dual tires: Axles prep included for undressed axle. Maximum allowable tire pressure for this device is 120psi. (tandem) TIREMAAX warning lamp installed on road side front rail. "Automatic Tire Inflation Systems", REMARK: Make sure the system is adjusted to the same tires pressure written on the serial plate.
ACCESSORIES REGISTRATION HOLDER WINCHES SLIDING TRACK MUD FLAPS	One plastic, Betts-PS-1 or equivalent. Qty: 12, KINEDYNE #1020ZP, zinc plated slider (5 7/8"). Full length, "LL" extruded aluminum, road side. One set, rubber with Manac logo and vertical grooves to reduce spray.
FINISHING PAINT FINISHING BOGIE HUBS WHEELS OR RIMS RETROREFLECTIVE TAPES PAINTED AXLES	No paint & no primer on the trailer. Trailer prepared & shipped to be galvanized. *** Galvanized *** Gray Powder top coat white. Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar. Gray
ADDITIONAL OPTIONS	*****SAME AS U#200643***** **** Metal vin plate with pre-drilled holes in 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.