

# HALE

## TRAILER

### BRAKE & WHEEL

## Hale Trailer Brake & Wheel

### 200768-200773



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



ITEM	DESCRIPTION
<b>FRONT CONNECTOR</b>	7 way (SAE J560), Phillips brand.
<b>ELECTRICAL SYSTEM</b>	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
<b>MAIN SYSTEM</b>	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).
<b>TURN SIGNAL</b>	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
<b>REAR ADD. CONNECTOR</b>	4 way.
<b>LANDING GEAR</b>	Holland, Mark V (LGS-4F115), with mounting plate, galvanized.
<b>SAND SHOES</b>	10" x 11 1/2".
<b>CRANK</b>	Road side.
<b>BOGIE</b>	
<b>BASIC SUSPENSION</b>	
<b>BOGIE</b>	Slider, air ride suspension, tandem, 50" spread. Bogie tubing frame for suspension with 9" mounting height. (96" travel) (applicable for 53'telescopic)
<b>SUSPENSION</b>	Hendrickson HT-250US (9), tandem, 50" spread. (Use only with slider bogie)
<b>U-BOLTS</b>	With nuts at bottom.
<b>SPRINGS</b>	Air.
<b>AXLE(S)</b>	AXN, TA250T, 22 000 lbs. capacity.
<b>SPIDERS</b>	Welded.
<b>CAM SHAFTS</b>	28 splines.
<b>TRACK</b>	77 1/2".
<b>DUST SHIELDS</b>	None (dia. 5").
<b>BRAKES</b>	16 1/2" standard, AXN R23 extended life lining.
<b>BEARINGS</b>	HM 218248 and HM 212049.
<b>SLACK ADJUSTERS</b>	Meritor, automatic, 28 splines.
<b>SEALS</b>	Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.
<b>BRAKE CHAMBERS</b>	T.S.E. brake, "Omnibrake" (30-30). (4 years warranty by T.S.E. for parts only).
<b>HUBS AND DRUMS</b>	10 studs disc hubs, outboard mount, 285.75mm B.C., single flange nuts. For dual steel wheels or single wheels.
<b>RIMS</b>	22.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes.
<b>TIRES</b>	General, 11 R 22.5 HT 14 ply (41.1")
<b>MANUAL STOP BAR(S)</b>	Two, Manac heavy duty, 1 5/8" diameter, galvanized.
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed.
<b>AIR VALVES</b>	Meritor Wabco, ABS, 2 sensors 1 modulator.
<b>VALVE</b>	(2) Fast-brake kit.
<b>VALVE</b>	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.
<b>CONTROL BOX</b>	*** Stainless steel ***
<b>AUTOMATIC TIRE INFLATION</b>	Automatic Tire inflation System Hendrickson Tiremaax CP for axles with



ITEM	DESCRIPTION
	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.
<b>ACCESSORIES</b> <b>REGISTRATION HOLDER</b> <b>WINCHES</b> <b>SLIDING TRACK</b> <b>MUD FLAPS</b>	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.
<b>FINISHING</b> <b>PAINT</b> <b>FINISHING</b> <b>BOGIE</b> <b>HUBS</b> <b>WHEELS OR RIMS</b> <b>RETROREFLECTIVE TAPES</b>  <b>PAINTED AXLES</b>	No paint & no primer on the trailer. Trailer prepared & shipped to be galvanized. *** Galvanized *** Gray White. Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar. Gray
<b>ADDITIONAL OPTIONS</b>	*****Metal vin plate with holes pre-drilled in web before gavanization.*****
<b>CONFORMITY</b>	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.