

# HALE

## TRAILER

### BRAKE & WHEEL

Hale Trailer Brake & Wheel

188527-188544



ITEM	DESCRIPTION
<b>TYPE</b>	SEMI-TRAILER, STEEL PLATFORM LEGEND SD
<b>DIMENSIONS</b>	
<b>LENGTH</b>	48'-0"
<b>WIDTH</b>	102", 97" between side rails.
<b>HEIGHT</b>	Floor, approximately 59 1/2" high at front and 54" at rear.
<b>COUPLING</b>	
<b>COUPLER PLATE</b>	1/4", 80 000 psi steel, plug welded structure.
<b>KING PIN LOCATION</b>	30" from front.
<b>COUPLER HEIGHT</b>	48".
<b>STRUCTURE</b>	44" c/c frame with "CAMBER".
<b>FLANGES</b>	3/8" x 5", 100 000 psi steel.
<b>WEB</b>	1/4" plate in king pin area and the remaining in 3/16", 80 000 psi steel. 27" high at the peak. with holes, parachute shaped, to lighten trailer.
<b>GOOSENECK</b>	11 1/4" high, with integrated nose ramp and 48" straight behind king pin.
<b>CROSSMEMBERS</b>	1 beams, 4" @ 3.2 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>	Screws
<b>SIDE RAILS</b>	10 gauge shaped 80 000 psi steel, 5" width x 5 11/16" height.
<b>SIDE BOXES</b>	3/16" steel plate, 1 5/8" x 3 5/8" interior, 4" high, (USA Dimensions). Cargo pockets.
<b>RUB RAILS</b>	3/8" x 2 1/2" shaped steel.
<b>CORNERS</b>	Bevelled.
<b>X BRACES</b>	Between main beams, full length.
<b>ENDS</b>	
<b>FRONT RAIL BUMPER</b>	Formed steel, bolted. 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.
<b>HEADBOARD</b>	48" high, steel, 4 uprights and top made of tubing and 11 gauge steel plate installed inside with retroreflective tapes. Galvanized.
<b>POCKETS</b>	2 bolted galvanised pockets at front for removable headboard.
<b>BUMPER</b>	2 rubber dock, at the end of rear rail.
<b>REAR RAIL</b>	Formed steel.
<b>ELECTRICAL</b>	
<b>FRONT CONNECTOR</b>	7 way (SAE J560).
<b>ELECTRICAL SYSTEM MAIN SYSTEM</b>	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108. Grote Ultra Blue LED, sealed beams, tail lights, markers lights "Dot", identification lights (2 1/2" dia.), licence light.
<b>FLASHERS</b>	Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber.
<b>LANDING GEAR</b>	AXN, (LG50DUN)



ITEM	DESCRIPTION
SAND SHOES CRANK	10" x 10". Road side.
<b>BOGIE</b> BASIC MECHANICAL BOGIE	Slider, Hutch H-9000, "UHMV" slider plastic pads, 4 locking pins, For 49" spread tandem spring suspension. 6" c/c between locating holes, (48" travel).
<b>MECHANICAL (GROUND AXLES)</b>	
<b>SUSPENSION</b>	Hutch H-9700, tandem, under mount, 49" spread.
<b>U-BOLTS</b>	With nuts at bottom.
<b>SPRINGS</b>	3 leaves, model TRA 2741, 12 000 lbs capacity.
<b>AXLE(S)</b>	AXN, TA225T, 22 500 lbs. capacity.
<b>CAM SHAFTS</b>	28 splines.
<b>TRACK</b>	77 1/2".
<b>DUST SHIELDS</b>	None (AXN).
<b>BRAKES</b>	16 1/2" standard, AXN R20 extended life lining.
<b>BEARINGS</b>	HM 218248 and HM 212049
<b>SLACK ADJUSTERS</b>	Meritor, automatic, 28 splines.
<b>SEALS</b>	MFM, "Miles Free Maintenance System". Including National "Gold" seals, Axilok spindle nuts, National hub caps, with "Gearlube" mineral oil, SAE 80W90.
<b>BRAKE CHAMBERS</b>	(5 years warranty for parts and labor). T.S.E. brake, "Omnibrake" (30-30).
<b>HUBS AND DRUMS</b>	(4 years warranty by T.S.E. for parts only). 10 stud disc hubs, balanced drums outboard mount, 285.75mm B.C., single flange nuts.
<b>RIMS</b>	For dual aluminum wheels. 24.5 x 8.25, disc (10 holes), 285.75mm B.C., single flange nuts, 2 hand holes.
<b>TIRES</b>	General, 11 R 24.5 Ameri Steel S-360      16 ply      (43.4")
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed.
<b>AIR VALVES</b>	Meritor Wabco, ABS, 2 sensors 1 modulator.
<b>ACCESSORIES</b>	
<b>REGISTRATION HOLDER</b>	One plastic, Betts-PS-1 or equivalent.
<b>MUD FLAPS</b>	One set, rubber with moose logo and vertical grooves to reduce spray.
<b>SLIDING TRACK</b>	Full length, "LL" extruded aluminum, road side.
<b>WINCHES</b>	Qty: 12, KINEDYNE #1020ZP, zinc plated slider (low profil 5 7/8").
<b>STRAPS</b>	Qty: 12, nylon winch straps with flat hook, 30' long x 4" wide.
<b>FINISHING</b>	
<b>PAINT</b>	Trailer not painted and no primer applied.
<b>PAINT</b>	Trailer frame prepared and shipped to AZZ Galvanizer to be galvanized
<b>PAINT</b>	Galvanized Siderails, front sill, and rear sill
<b>RETROREFLECTIVE TAPES</b>	No paint or primer applied
<b>RETROREFLECTIVE TAPES</b>	Conspicuity striping in compliance with CMVSS 108. Gray and red each side,



ITEM	DESCRIPTION
WHEELS OR RIMS	fully covers rear sill and horizontal underride protection bar. White (power top coat).

**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.