



## Hale Trailer Brake & Wheel

### 203641-203649



ITEM	DESCRIPTION
<b>TYPE</b>	SEMI-TRAILER, STEEL DROP PLATFORM LEGEND SD
<b>DIMENSIONS</b>	
<b>LENGTH</b>	53'-0"
<b>WIDTH</b>	102", 97" between side rails.
<b>HEIGHT</b>	Floor, approximately 59" high at front and 41" at the bumper.
<b>DROP HEIGHT</b>	20", located at 10'-6" from front.
<b>COUPLING</b>	
<b>COUPLER PLATE</b>	3/8", welded structure.
<b>KING PIN LOCATION</b>	18" from front.
<b>COUPLER HEIGHT</b>	48".
<b>STRUCTURE</b>	44" c/c frame with "CAMBER".
<b>FLANGES</b>	1/2" x 5", 100 000 psi steel, 24" high in center and 16 1/2" above suspension.
<b>WEB</b>	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.
<b>GOOSENECK</b>	11 1/4" high, 48" straight behind king pin.
<b>CROSSMEMBERS</b>	I beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, galvanised, 16" c/c in gooseneck and the remaining 12" c/c.
<b>FLOOR</b>	Aptong 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>FENDERS</b>	Reinforcement over tires at rear, steel tubing structure, galvanized (G164), floor full length.
<b>KNEE BRACES</b>	3/16" formed steel plates, galvanized (G164), bolted in web and a crossmembers located each side.
<b>X BRACES</b>	Between main beams, full length.
<b>ENDS</b>	
<b>FRONT RAIL</b>	Formed steel, bolted.
<b>BUMPER</b>	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>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>FRONT ADD. CONNECTOR</b>	7 way (ISO 3731), for auxiliary functions only. *** Air lift wired on the black wire ***
<b>ELECTRICAL SYSTEM</b>	Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.
<b>MAIN SYSTEM</b>	Grote Ultra Blue LED, sealed beams, tail lights, markers lights "Dot",



ITEM	DESCRIPTION
<b>FLASHERS</b>	identification lights (2 1/2" dia.), licence light. Sealed beams LED, one lamp including side marker and flasher, each side at middle point, amber. Warning lamp Tiremaax installed on road side front rail.
<b>LANDING GEAR</b>	AXN, (LG50DUN) *** Order landing gear with the standard feet ***
<b>SAND SHOES</b>	18" x 18" mud feet.
<b>CRANK</b>	Road side.
<b>BOGIE</b>	
<b>BASIC MECHANICAL</b>	
<b>BOGIE</b>	Fixed, pour tridem 60" spread. *** 43'-0" from KP to C/L of 2nd axle ***
<b>MECHANICAL (GROUND AXLES)</b>	
<b>SUSPENSION</b>	Hendrickson INTRAAX AANL-23K (6.5), tridem. N.B.: Winged suspension bracket. For axles with bearings HM 218248 and HM 212049.
<b>LIFT DEVICE</b>	Hendrickson UBL bolted kit, air system Manac. Located: on rear axle. *** Only 1 1/2" of clearance from the ground if used at rear *** *** NO WARRANTY ON THE TIRES NOR GROUND AXLES, (FLAT SPOT) ***
<b>SPRINGS</b>	Air.
<b>AXLE(S)</b>	LDA, 5 3/4" diameter, 23 000 lbs. capacity.
<b>CAM SHAFTS</b>	28 splines with enclosures, 10" long.
<b>TRACK</b>	77 1/2".
<b>DUST SHIELDS</b>	None (Intraax axles).
<b>BRAKES</b>	16 1/2" standard, long life H20-HXS Hendrickson 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), (push rod 9 3/4"). (4 years warranty by T.S.E. for parts only).
<b>HUBS AND DRUMS</b>	10 stud disc hubs, balanced drums outboard mount, 285.75mm B.C., single flange nuts. For dual aluminum 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, 255/70 R 22.5 HT 16 ply (36.6") Automatic Tire inflation System Hendrickson Tiremaax.
<b>AIR SYSTEM</b>	
<b>GLAD HANDS</b>	Fixed.
<b>AIR VALVES</b>	Meritor Wabco, ABS, 2 sensors 1 modulator.
<b>VALVE(S)</b>	Manual blow down valve *** WITH *** control box, with auto-reset feature, including Glycerin filled pressure gauge, in P.S.I., to indicate load with a conversion table.
<b>VALVE(S)</b>	Quick and brake release valves on air lift.
<b>CONTROL BOX</b>	*** Stainless steel ***



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<b>AUTOMATIC TIRE INFLATION</b>	Automatic Tire inflation System Hendrickson Tiremaax PRO. Axles preparation included, dressed axles, dual tires. *** Maximum allowable tire pressure for this device is 120psi *** (tridem application) "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>	One plastic, Betts-PS-1 or equivalent.
<b>MUD FLAPS</b>	One set, rubber black with moose 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>FINISHING</b>	
<b>PAINT</b>	Trailer not painted and no primer applied.
<b>FINISHING</b>	Trailer frame prepared and shipped to AZZ Galvanizer to be galvanized.
<b>PAINT</b>	Galvanized Siderails, front sill, and rear sill No paint or primer applied
<b>RETROREFLECTIVE TAPES</b>	Conspicuity striping in compliance with CMVSS 108. Gray and red each side, fully covers rear sill and horizontal underride protection bar.
<b>WHEELS OR RIMS</b>	White (power top coat).
<b>BOGIE</b>	One coat of epoxy primer and one acrylic urethane top coats, Color: Metallic gray, code: PPG Q37-939514.
<b>AXLES</b>	Axles (wheel end) included.
<b>PAINT</b>	Color: Metallic gray, code: PPG Q37-939514. Vin plate to be made of metal. Pre-drill the web prior to galvanizing
<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

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