



## Hale Trailer Brake & Wheel

A002874-A002923

VIN: 210023- 210072



| ITEM              | DESCRIPTION                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE              | SEMI-TRAILER, STEEL DROP PLATFORM LEGEND SD                                                                                                                                                                               |
| 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.                                                                                                                                                                                        |
| COUPLING          |                                                                                                                                                                                                                           |
| 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           | 3/8" x 5", 100 000 psi steel, goose neck section.                                                                                                                                                                         |
| WEB               | 1/2" x 5", high tensile, 24" high in center and 16 1/2" above suspension.<br>1/4" plate in king pin area and the remaining in 3/16",<br>80 000 psi steel. 24" high, with holes, parachute shaped,<br>to lighten trailer.  |
| GOOSENECK         | 11 1/4" high, 48" straight behind king pin.                                                                                                                                                                               |
| CROSSMEMBERS      | 1 beams, 4" @ 3.2 lbs/ft, 80 000 psi steel, galvanised,<br>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   | Screws.                                                                                                                                                                                                                   |
| 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).<br>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),<br>floor full length.                                                                                                                        |
| KNEE BRACES       | 3/16" formed steel plates, galvanized (G164), bolted in web and a<br>crossmembers located each side.                                                                                                                      |
| X BRACES          | Between main beams, full length.                                                                                                                                                                                          |
| ENDS              |                                                                                                                                                                                                                           |
| FRONT RAIL        | Formed steel, bolted.                                                                                                                                                                                                     |
| BUMPER            | CMVSS 223-RIG approved (in accordance with Canada & USA regulation).<br>Galvanized (G164) steel, bolted uprights to frames, 4" x 4" cross bar<br>formed tubing at a maximum height of 22" from under tubing<br>to ground. |
| BUMPER            | 2 rubber dock, at the end of rear rail.                                                                                                                                                                                   |
| REAR RAIL         | Formed steel.                                                                                                                                                                                                             |
| ELECTRICAL        |                                                                                                                                                                                                                           |
| FRONT CONNECTOR   | 7 way (SAE J560).                                                                                                                                                                                                         |
| ELECTRICAL SYSTEM | Shock proof lights, polycarbonate lenses, in compliance with CMVSS 108.                                                                                                                                                   |
| MAIN SYSTEM       | Grote Ultra Blue LED, sealed beams, tail lights, markers lights "Dot",<br>identification lights (2 1/2" dia.), licence light.                                                                                             |
| FLASHERS          | Sealed beams LED, one lamp including side marker and flasher,                                                                                                                                                             |



| ITEM                                                                        | DESCRIPTION                                                                                                                                                                                                                              |
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|                                                                             | each side at middle point, amber.                                                                                                                                                                                                        |
| LANDING GEAR<br>SAND SHOES<br>CRANK                                         | AXN, (LG50DUN)<br>10" x 10".<br>Road side.                                                                                                                                                                                               |
| BOGIE<br>BASIC MECHANICAL<br>BOGIE                                          | Fixed, for tandem 122" spread.                                                                                                                                                                                                           |
| MECHANICAL (GROUND AXLES)<br>SUSPENSION                                     | Hendrickson INTRAAX AANL-23K (6.5), tandem.<br>N.B.: Winged suspension bracket.<br>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                                                                | None (Intraax axles).                                                                                                                                                                                                                    |
| BRAKES                                                                      | 16 1/2" standard, long life H20-HXS Hendrickson 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), (push rod 9 3/4").<br>(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.,<br>single flange nuts.                                                                                                                                                  |
| RIMS                                                                        | For dual aluminum wheels.<br>22.5 x 8.25, disc (10 holes),<br>285.75mm B.C., single flange nuts, 2 hand holes.                                                                                                                           |
| TIRES                                                                       | General, 255/70 R 22.5 HT                      16 ply                      (36.6")                                                                                                                                                       |
| AIR SYSTEM<br>GLAD HANDS<br>AIR VALVES<br>VALVE(S)                          | Fixed.<br>Meritor Wabco, ABS, 2 sensors 1 modulator.<br>Automatic blow down valve, WITHOUT control box,                                                                                                                                  |
| ACCESSORIES<br>REGISTRATION HOLDER<br>MUD FLAPS<br>SLIDING TRACK<br>WINCHES | One plastic, Betts-PS-1 or equivalent.<br>One set, rubber with moose logo and vertical grooves to reduce spray.<br>Full length, "LL" extruded aluminum, road side.<br>Qty: 12, KINEDYNE #1020ZP, zinc plated slider (low profil 5 7/8"). |
| FINISHING<br>PAINT                                                          | Shot blasted, one coat of epoxy primer and one acrylic polyurethane top coats<br>Color: black, code: PPG CCA947255-55.                                                                                                                   |
| BOGIE                                                                       | One coat of epoxy primer and one acrylic urethane top coats,<br>Color: black, code: PPG CCA947255-55.                                                                                                                                    |
| RETROREFLECTIVE TAPES                                                       | Axles (wheel end) included. (Tandem).<br>Conspicuity striping in compliance with CMVSS 108. Gray and red each side,                                                                                                                      |



| ITEM                                                                                                                                                                                                                                                                                       | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                  |
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| WHEELS OR RIMS<br>AXLES                                                                                                                                                                                                                                                                    | fully covers rear sill and horizontal underride protection bar.<br>White (power top coat).<br>Same color as trailer.                                                                                                                                                                                                                                                         |
| 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. |
| <p>DISCLAIMER</p> <p>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.</p> |                                                                                                                                                                                                                                                                                                                                                                              |