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VIN: 243519-243520



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| ITEM                  | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE                  | SEMI-TRAILER, TELESCOPIC STEEL DROP PLATFORM.                                                                                                                                                                                                                                                                                                                                                                                              |
| DIMENSIONS            |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LENGTH                | 53'-0" closed.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LENGTH                | 72'-0" open.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OPENINGS              | *** increments starting in closed position ***<br>(56'-0", 59'-0", 62'-0", 64'-6", 67'-0", 69'-6" & 72'-0")<br>*** 72" overlap ***                                                                                                                                                                                                                                                                                                         |
| OPENINGS              |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| WIDTH                 | 102", 97" between side rails.                                                                                                                                                                                                                                                                                                                                                                                                              |
| HEIGHT                | Floor, approximately 62 1/2" high at front and 41 1/2" at the bumper.                                                                                                                                                                                                                                                                                                                                                                      |
| DROP HEIGHT           | 22", located at 11'-6" from front.                                                                                                                                                                                                                                                                                                                                                                                                         |
| COUPLING              |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| COUPLER PLATE         | *** HD,Coupler rating 46 000 LBS. Must respect the provided loading model.<br>COUPLER PLATE 1/2" *** 100 000 psi *** steel, Stiffener 5/16 thk 80K<br>*** KING PIN, Bolted, 2" diameter, Holland KP-0883 (1/2").<br>*** Note: It's the customer responsibility to validate proper truck bearing load rating, it may be impossible to transfer this load to the truck.<br>*** Basse 14348A0008 only and under the approval of the engineer. |
| KING PIN LOCATION     | 18" from front.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| COUPLER HEIGHT        | 50".                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| STRUCTURE             | Frame with "CAMBER".<br>*** 100 000 lbs capacity with 65 feet long piece (self-supporting load) ***                                                                                                                                                                                                                                                                                                                                        |
| FLANGES               | Female section, exterior, 1/2" x 6", 100 000 psi steel.                                                                                                                                                                                                                                                                                                                                                                                    |
| FLANGES               | Male section (interior), 3/4" x 6", 60 000 psi steel,<br>and 17 1/2" above suspension.                                                                                                                                                                                                                                                                                                                                                     |
| WEB                   | 1/4", 80 000 psi full length.                                                                                                                                                                                                                                                                                                                                                                                                              |
| GOOSENECK             | 12 1/4" high, 54" straight behind king pin.                                                                                                                                                                                                                                                                                                                                                                                                |
| CROSSMEMBERS          | I beams, 4" @ 3.64 lbs/ft, 80 000 psi steel.<br>16" center to center in gooseneck and the remaining 12" c/c.                                                                                                                                                                                                                                                                                                                               |
| FLOOR                 | Apitong or equivalent, 1 1/8" thick shiplap finished, no preservative.                                                                                                                                                                                                                                                                                                                                                                     |
| FLOOR FASTENING       | Two screws per board at each crossmember.                                                                                                                                                                                                                                                                                                                                                                                                  |
| SIDE RAILS            | 6" channel @ 8.2 lbs/ft.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SIDE BOXES            | 3/16" steel plate, 1 15/16" x 3 1/16" interior, 4" high,<br>for 1 3/4" x 2 3/4" stakes. (Canadian dimensions).<br>*** One pocket per side, @ 7 7/8" c/c from last pocket at rear ***<br>*** Provide drawing showing the pocket location ***                                                                                                                                                                                                |
| SIDE BOXES            | Weld the pocket full height and on both side and that's for all the pockets on the trailer.                                                                                                                                                                                                                                                                                                                                                |
| RUB RAILS             | 3/8" x 2 1/2" shaped steel.                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORNERS               | Bevelled.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| FENDERS               | Over tires at rear, checker plate 1/8".                                                                                                                                                                                                                                                                                                                                                                                                    |
| DIAGONAL BRACES       | 2" x 2" x 3/16" angles, welded in web and to a crossmember,<br>located each side.                                                                                                                                                                                                                                                                                                                                                          |
| LOCKS                 | Air operated with a third glad hand at front.                                                                                                                                                                                                                                                                                                                                                                                              |
| ROLLERS               | 4, 2 on female sections of frames and 2 on male sections.                                                                                                                                                                                                                                                                                                                                                                                  |
| SPACERS FOR RUB RAILS | Double between side boxes.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PIN POCKETS           |                                                                                                                                                                                                                                                                                                                                                                                                                                            |



| ITEM                     | DESCRIPTION                                                                                                                                                                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ENDS</b>              |                                                                                                                                                                                                                                                         |
| <b>FRONT RAIL</b>        | 9 gauge formed steel.                                                                                                                                                                                                                                   |
| <b>BUMPER</b>            | CMVSS 223-RIG approved (in accordance with Canada & USA regulations).<br>Uprights integrated with frames, 4" x 4" cross bar roll formed tubing at a maximum height of 22" from under tubing to ground.                                                  |
| <b>POCKETS</b>           | 2 bolted galvanised 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>BUMPER</b>            |                                                                                                                                                                                                                                                         |
| <b>BUMPER</b>            | Bracing for a *** flip-up axle ***<br>(1) rubber dock at top front<br>*** Anchors even with sill ***<br>*** Customer must approve bumper drawing ***                                                                                                    |
| <b>ELECTRICAL</b>        |                                                                                                                                                                                                                                                         |
| <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, 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 CONNECTOR</b>    | 7 ways, SAE J560, for a pin on axle.                                                                                                                                                                                                                    |
| <b>LANDING GEAR</b>      | Holland, Mark V (LGH-4F010), heavy duty, with mounting plate.                                                                                                                                                                                           |
| <b>SAND SHOES</b>        | 18" x 18" galvanized, solid axles.                                                                                                                                                                                                                      |
| <b>CRANK</b>             | Road side.                                                                                                                                                                                                                                              |
| <b>BOGIE</b>             |                                                                                                                                                                                                                                                         |
| <b>BASIC SUSPENSION</b>  |                                                                                                                                                                                                                                                         |
| <b>BOGIE</b>             | Fixed.                                                                                                                                                                                                                                                  |
| <b>SUSPENSION</b>        | Hendrickson HT-250US (6.5), tandem, 60" spread.                                                                                                                                                                                                         |
| <b>LIFT DEVICE</b>       | Hendrickson HT-250US (6.5) with Manac center lift.<br>Located at 60" c/c behind the tandem. Controlled manually.<br>*** Only 1 1/2" of clearance from the ground if used at rear. ***<br>*** NO WARRANTY ON THE TIRES NOR GROUND AXLES, (FLAT SPOT) *** |
| <b>U-BOLTS</b>           | With nuts at bottom.                                                                                                                                                                                                                                    |
| <b>SPRINGS</b>           | Air.                                                                                                                                                                                                                                                    |
| <b>AXLE(S)</b>           | Hendrickson, HP-S506, 27 000 lbs. capacity.                                                                                                                                                                                                             |
| <b>SPIDERS</b>           | Welded.                                                                                                                                                                                                                                                 |
| <b>CAM SHAFTS</b>        | 28 splines.                                                                                                                                                                                                                                             |
| <b>TRACK</b>             | 77 1/2".                                                                                                                                                                                                                                                |
| <b>DUST SHIELDS</b>      | None.                                                                                                                                                                                                                                                   |
| <b>BRAKES</b>            | 16 1/2" standard, long life H26-HXS Hendrickson lining.                                                                                                                                                                                                 |
| <b>BEARINGS</b>          | HM 518445.                                                                                                                                                                                                                                              |
| <b>SLACK ADJUSTERS</b>   | TSE S-ASA, automatic, 28 splines. (6").                                                                                                                                                                                                                 |
| <b>SEALS</b>             | Stemco, "Guardian" type, with "Gearlube" mineral oil, SAE 80W90.                                                                                                                                                                                        |
| <b>BRAKE CHAMBERS</b>    | T.S.E. brake, "Omni brake" (30-30), (push rod 9 3/4"), long stroke.<br>(4 years warranty by T.S.E. for parts only).                                                                                                                                     |
| <b>HUBS AND DRUMS</b>    | WEBB, 10 studs disc hubs, balanced drums 117 lbs,                                                                                                                                                                                                       |



| ITEM                         | DESCRIPTION                                                                                                                                                                                                                                                                                                       |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RIMS</b>                  | outboard mount, 285.75mm B.C., single flange nuts.<br>For dual aluminum wheels.<br>(Heavy duty 25000 lbs cap.) (Bearings HP).<br>22.5 x 8.25, disc (10 holes),<br>285.75mm B.C., single flange nuts, 2 hand holes.<br>Color: YELLOW (PPG 910361), powder top coat, code P.N.:PS211Y257<br>painted by PN Industrie |
| <b>TIRES</b>                 | Continental, 275/70 R 22.5 HSR2 SA                      18 ply                      (38.0")                                                                                                                                                                                                                       |
| <b>AIR SYSTEM</b>            |                                                                                                                                                                                                                                                                                                                   |
| <b>GLAD HANDS</b>            | Fixed.                                                                                                                                                                                                                                                                                                            |
| <b>AIR VALVES</b>            | Meritor Wabco, IABS, 2 sensors 1 modulator.                                                                                                                                                                                                                                                                       |
| <b>VALVE(S)</b>              | Fast-brake kit.                                                                                                                                                                                                                                                                                                   |
| <b>VALVE</b>                 | Quick and brake release valves on air lift.                                                                                                                                                                                                                                                                       |
| <b>VALVE</b>                 | Manual blow down valve in a control box, with auto-reset feature,<br>including Glycerin filled pressure gauge, in P.S.I., to indicate<br>load with a conversion table.                                                                                                                                            |
| <b>CONTROL BOX</b>           | Stainless steel<br>Air system for a pin on axle.                                                                                                                                                                                                                                                                  |
| <b>ACCESSORIES</b>           |                                                                                                                                                                                                                                                                                                                   |
| <b>REGISTRATION HOLDER</b>   | One plastic, Betts-PS-1 or equivalent.                                                                                                                                                                                                                                                                            |
| <b>MUD FLAPS</b>             | One set, rubber with Manac logo and vertical grooves to reduce spray.                                                                                                                                                                                                                                             |
| <b>EXTRA MUD FLAPS</b>       | Qty: 2, rubber.<br>Located: 1 at front of landing gear in between main frames, to protect the<br>hoses coil, and 1 at front of suspension in between main frames, to protect<br>air boosters.                                                                                                                     |
| <b>FINISHING</b>             |                                                                                                                                                                                                                                                                                                                   |
| <b>PAINT</b>                 | Shot blasted, one coat of epoxy primer and two polyurethane acrylic top coats<br>Color: RED                      code: Q37M700403<br>N.B.: Not applicable for white paint.<br>Validate the covering capacity of the color before painting the trailer.                                                            |
| <b>AXLE(S) PAINTED</b>       | Color: RED, code: PPG Q37M700403                                                                                                                                                                                                                                                                                  |
| <b>HUBS</b>                  | Painted with polyurethane acrylic paint,<br>color : RED                      , code : Q37M700403                                                                                                                                                                                                                  |
| <b>WHEELS OR RIMS</b>        | Color: YELLOW (PPG 910361), powder top coat, code P.N.: PS211Y257 painted<br>by PN Industries.                                                                                                                                                                                                                    |
| <b>RETROREFLECTIVE TAPES</b> | Conspicuity striping in compliance with CMVSS 108.<br>Gray and red, each side,<br>fully covers rear sill and horizontal underride protection bar.                                                                                                                                                                 |
| <b>ADDITIONAL OPTIONS</b>    | 50 TON CAPACITY WHEN OPEN<br>SAME AS U#215355<br>estimated weight is 19,663 LBS<br>Goes with Q#254031                                                                                                                                                                                                             |
| <b>CONFORMITY</b>            | This semi-trailer does not comply with GHG regulations. Should GHG<br>regulations come into force prior to the production of the trailer(s),<br>Manac will have the obligation to ensure the trailer(s) produced meet                                                                                             |



| ITEM                                                                                                                                                                                                                                                                                               | DESCRIPTION                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                    | 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. |
| <div>DISCLAIMER</div> <div>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.</div> |                                                                                                                                                              |