

## CANADIAN TRAILER 40' GN TRIDEM Specification-V6

1. **Model:** CTSV/3ASH4004CA **Quotation No.:** CAN-01 (5 SAMPLE UNITS)  
 This chassis is designed for transporting a 40' ISO container.  
 This chassis meets all DOT, AAR, ANSI, TOFC, CMVSS, SAE and TTMA specifications.

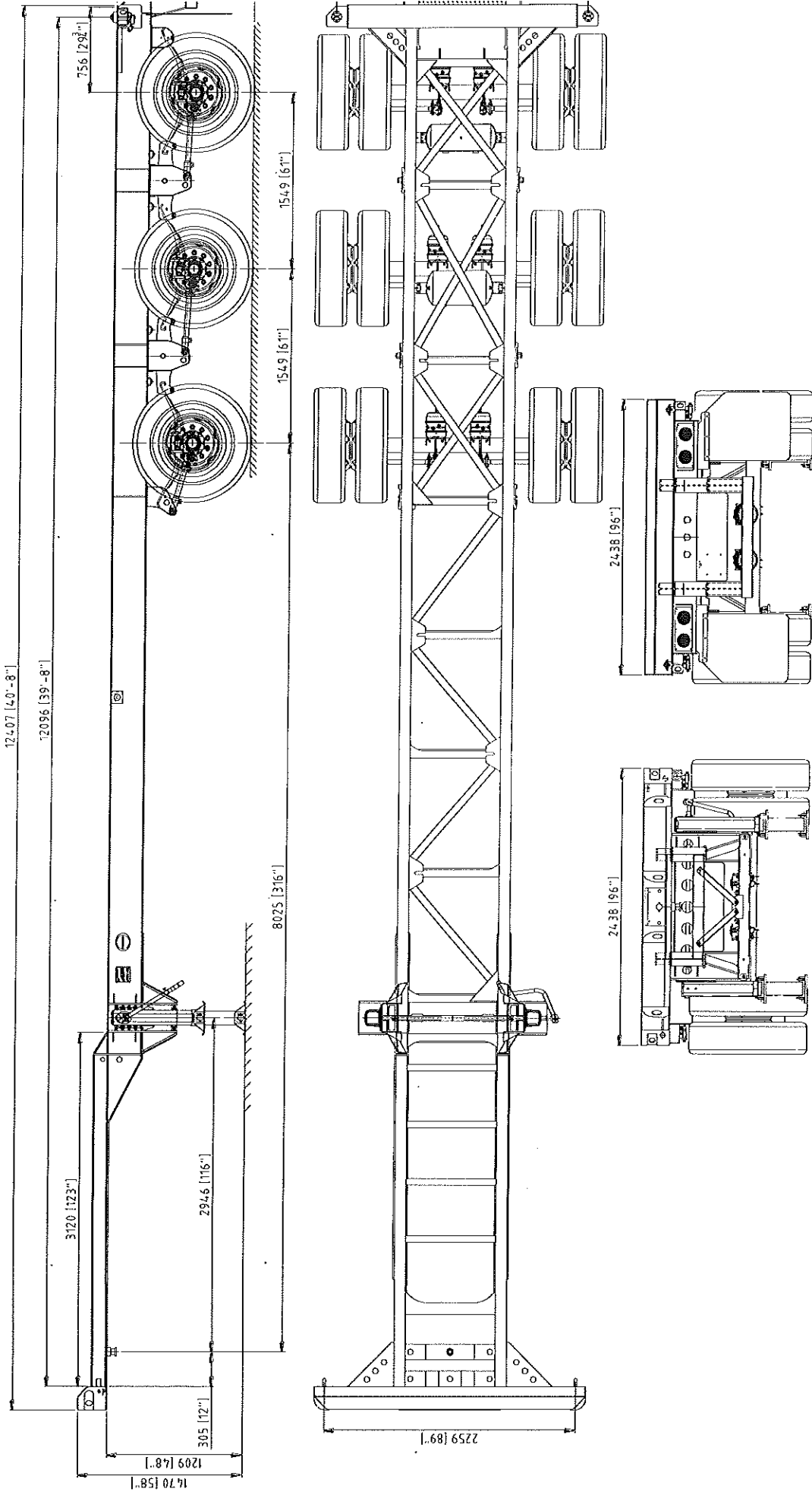
### 2. General

|                               |  |
|-------------------------------|--|
| <b>Overall Length:</b>        | 40'- 8" (Exclude rear bumper)            |
| <b>Overall Width:</b>         | 96" (over tire 102")                     |
| <b>Overall Height:</b>        | 58"                                      |
| <b>Fifth Wheel Height:</b>    | 48 ± 1"                                  |
| <b>Rear Deck Height:</b>      | 48 ± 1"                                  |
| <b>Kingpin Location:</b>      | 12" (From rear face of front bolster)    |
| <b>Landing Gear Location:</b> | 116" (From the kingpin center)           |
| <b>Tridem Location:</b>       | 29-3/4" (From rear face of rear bolster) |
| <b>Axle Spread:</b>           | 61"+61"                                  |
| <b>Tare Weight:</b>           | 8,860 lbs ± 2%                           |
| <b>Payload:</b>               | 75,000 lbs (34,020kgs)                   |

### 3. Steel Structure & Components

|                               |  |
|-------------------------------|--|
| <b>Main beam:</b>             | W12@19lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent  |
| <b>Cross member:</b>          | 3/16" thick x 3" wide x 9" deep channel with profiled bar type diagonal brace.   |
| <b>GN member:</b>             | 5-1/4" deep x 4" wide hot-rolled H-beam, 1/2" thick flanges and 1/4" thick web.  |
| <b>Upper Coupler:</b>         | 5/16" pick up plate with <b>JOST</b> 2" diameter square type king pin per SAE standard, 380-420 HB, with 2" water drain holes, design to be integrated with main frame through welding.  |
| <b>Front Bolster:</b>         | 8" wide x 10" high x 1/4" thick open section, with 3-1/2" chamfer in full length for gathering container in operation. 7-way receptacle and glad hands are in the center of front bolster. Casted corner caps ( <b>TOCA 905-940-000-RS/CS</b> ).   |
| <b>Rear Bolster:</b>          | 8" wide x 3/8" thick top plate with 6-7/8" wide x 8" deep x 1/4" thick "U" type bottom channel.  |
| <b>Rear Bumper:</b>           | 4" x 4" square tube step with taper "H" section vertical member with 4" wide x 3/8" thick steel flange and 1/4" thick web. Bar is welded to uprights and main beam.  |
| <b>License plate bracket:</b> | Extending from rear bolster within envelope of ICC bumper. Plate is to contain rear fleet number & license plate.  |
| <b>Front Locking pin:</b>     | <b>TOCA 905-910-000-LH/RH</b>  |
| <b>Rear twist Lock:</b>       | <b>TOCA 905-800-400B/ 905-800-500B</b>   |
| <b>Landing Gear:</b>          | <b>AXN FW32E00J</b> with 60,000 lbs capacity, 2-speed 17" travel with low "T" shoes. Crank handle is located on the driver's side of the chassis. Pre-painted <b>BLACK</b> color. Landing gear brackets are welded on the main beam as the layout.   |
| <b>Suspension:</b>            | <b>AXN OS 61"</b> tri-axle, overslung configuration with high-arch 3-leaf spring (354-00). Pre-painted <b>BLACK</b> color.   |
| <b>Axles:</b>                 | <b>AXN 5"</b> round axles with 22500lb capacity; 77.5" track, Q+ 16.5"X7" 4707Q brake with <b>AXN R23</b> linings. Dust shields are provided. Pre-painted <b>BLACK</b> color.<br>1.5-28 spline, <b>HALDEX 5.5"</b> automatic slack adjusters.<br>Reserved PSI interface; Heat Sensing Labels.<br>Axle Installation orientation: 270 degrees FRONT, chambers UP (2 abs ready front and rear, 1 non abs mid per unit). |
| <b>Wheel end:</b>             | <b>AXN Hub &amp; Drum Assembly P/N H30-0647BFNTZ/H30-0647BFNZ</b> ,<br><b>STEMCO 358-4009</b> Integrated Sentinel Grease Hub Cap,<br><b>STEMCO</b> seals and bearings.<br>Spindle nut: <b>STEMCO Pro-Torq P/N 447-4743</b> . (5-year warranty wheelend).   |
| <b>Lubricant:</b>             | <b>Petro Canada precision synthetic EP 00 semi fluid grease</b> lubricant.   |
| <b>Wheels:</b>                | <b>JINGU 22.5 x 8.25 10-stud hub-piloted wheels</b> with 5 hand holes and with TR572 valve stem. Pre-painted <b>white</b> color.   |
| <b>Tires:</b>                 | <b>WESTLAKE 11R22.5-14PR</b> tubeless type.  |
| <b>Brake System:</b>          | <b>SEALCO 110800</b> spring brake priority valve system and <b>WABCO 4S/2M</b> ABS system. <b>PHILLIPS</b> glad hand 12-13807 and 12-13607, 3/8" blue air tube for control and 3/8" red for supply. <b>HALDEX Goldseal T30/30</b> , 2.5" stroke brake chamber. <b>FUWA</b> air tanks.  |
| <b>Electrical:</b>            | <b>PHILLIPS</b> mold seal wiring harness, Reserved PSI and GPS connector.<br><b>OPTRONICS</b> LED lights (amp connections for S/T/T lights and .180 bullets for others). The theft proof design used for 4" LED lighting.  |
| <b>Electrical Receptacle:</b> | <b>PHILLIPS 15-7292</b> zinc alloy material with solid pins.   |
| <b>Document Holder:</b>       | <b>PHILLIPS 16-802</b> . Installed on roadside near crank handle.  |
| <b>Conspicuity tape:</b>      | "AVERY" brand. Installed per federal regulations.  |
| <b>Painting:</b>              | Abrasive blast of all metal surfaces - not less than SA-2.5 to achieve clean bare steel. Surface will be coated with electrophoresis primer and true acrylic aliphatic urethane topcoat. Color <b>BLACK RAL9005</b> and at the corner painted <b>YELLOW</b> color. Total thickness not less than 80µm after dry membrane. Coating supplier: <b>NOROO</b>   |
| <b>Marking:</b>               | Customer configuration (includes Decal, layout, VIN, nameplate)  |
| <b>Tire Inflation System:</b> | <b>NONE</b>  |
| <b>Hubodometer:</b>           | <b>NONE</b>  |
| <b>Mud flaps:</b>             | 30"x24"x0 25" (762x610x6 0mm) white PVC mud flaps with customer logo   |

**4. Layout**



confirmed by CUSTOMER

confirmed by THACO