



BULL CHASSIS



40FT GOOSENECK TRIAXLE



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*This chassis is designed for transporting a 40' ISO container.
This chassis meets all DOT, AAR, ANSI, TOFC, CMVSS, SAE and TTMA specifications.*

OVERALL LENGTH: 40'- 8" (Exclude rear bumper)

OVERALL WIDTH: 96" (over tire 102")

OVERALL HEIGHT: 58"

FIFTH WHEEL HEIGHT: 48 ± 1"

REAR DECK HEIGHT: 48 ± 1"

KINGPIN LOCATION: 12" (From rear face of front bolster)

LANDING GEAR LOCATION: 116" (From the kingpin center)

TRIDEM LOCATION: 29-3/4" (From rear face of rear bolster)

AXLE SPREAD: 61"+61"

TARE WEIGHT: 8,600 lbs ±2%

PAYLOAD: 75,000 lbs (34,020kgs)



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MAIN BEAM:

W12@19lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent.

CROSS MEMBER:

3/16" thick x 3" wide x 9" deep channel with profiled bar type diagonal brace.

GN MEMBER:

5-1/4" deep x 4" wide hot-rolled H-beam, 1/2" thick flanges and 1/4" thick web.

UPPER COUPLER:

5/16" pick up plate with **JOIST** 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.

FRONT BOLSTER:

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 (**TOCA 905-940-000-RS/CS**).

REAR BOLSTER:

8" wide x 3/8" thick top plate with 6-7/8" wide x 8" deep x 1/4" thick "U" type bottom channel.

REAR BUMPER:

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.

LICENSE PLATE BRACKET

Extending from rear bolster within envelope of ICC bumper. Plate is to contain rear fleet number & license plate.

FRONT LOCKING PIN:

TOCA 905-910-000-LH/RH

FRREAR TWIST LOCK:

TOCA 905-130-000-90-LH/RH



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LANDING GEAR: **AXN** FW32E00J 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 **BLACK RAL9005** color. Landing gear brackets are welded on the main beam as the layout.

SUSPENSION: **AXN OS 61"** tri-axle, overslung configuration with high-arch 3-leaf spring (354-00). Pre-painted **BLACK RAL9005** color.

AXLES: **AXN** 5" round axles with 22500lb capacity; 77.5" track, Q+ 16.5"X7" 4707Q brake with **AXN** R23 linings. Dust shields and the axle venting system are provided. Pre-painted **BLACK RAL9005** color.

1.5-28 spline, **HALDEX** 5.5" automatic slack adjusters with stroke indicators. Reserved PSI interface; Heat Sensing Labels.

Axle Installation orientation: 270 degrees FRONT, chambers UP (2 abs ready front and rear, 1 non abs mid per unit).

WHEEL END: **AXN** Hub & Drum Assembly P/N H30-0647BFNTZ/H30-0647BFNZ. **STEMCO** 358-4009 Integrated Sentinel Grease Hub Cap.

STEMCO seals and bearings.

Spindle nut: **STEMCO Pro-Torq** P/N 447-4743. (5-year warranty wheelend).

LUBRICANT: **Petro Canada precision synthetic EP 00 semi fluid** grease lubricant.

WHEELS: **SUNRISE** 22.5 x 8.25 10-stud hub-piloted wheels with 5 hand holes and with TR572 valve stem. Pre-painted **white** color.

TIRES: **SAILUN** 11R22.5-16PR tubeless type, **S665** tread without owner's logo.

BRAKE SYSTEM: **SEALCO** 110800 spring brake priority valve system and **WABCO** 4S/2M ABS system.

PHILLIPS glad hand 12-13807 and 12-13607, 3/8" blue air tube for control and 3/8" red for supply. **HALDEX** Goldseal T30/30, 2.5" stroke brake chamber. **FUWA** air tanks.



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ELECTRICAL: **PHILLIPS** mold seal wiring harness, Reserved PSI and GPS connector. **OPTRONICS** LED lights (amp connections for S/T/T lights and .180 bullets for others). The theft proof design used for 4" LED lighting.

ELECTRICAL RECEPTACLE: **PHILLIPS** 15-7292 zinc alloy material with solid pins.

DOCUMENT HOLDER: **PHILLIPS** 16-802. Installed on roadside near crank handle.

CONSPICUITY TAPE: "AVERY" brand. Installed per federal regulations.

PAINTING: 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 powder topcoat. Color **BLACK RAL9005** and at the corner painted **YELLOW** color. Total thickness not less than 80µm after dry membrane. Coating supplier: **PPG**

TIRE INFLATION SYSTEM: **NONE**

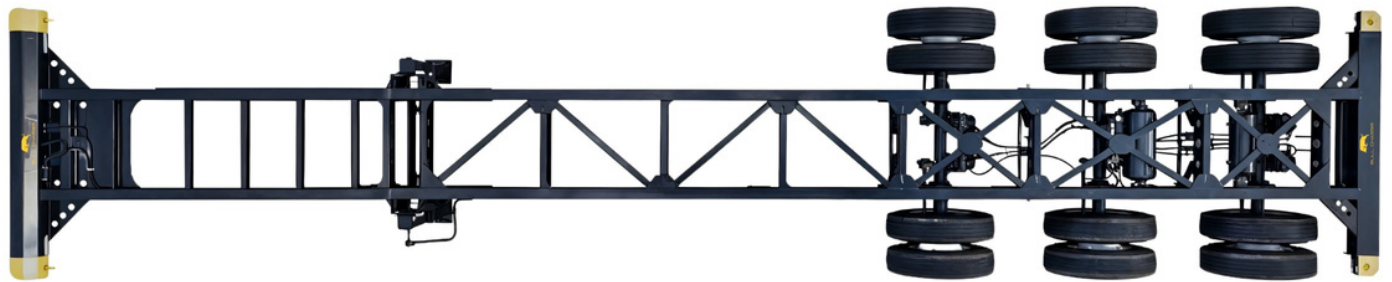
HUBODOMETER: **NONE**

MUD FLAPS: 30"x24"x0.25" (762x610x6.0mm), BLACK PVC mud flaps





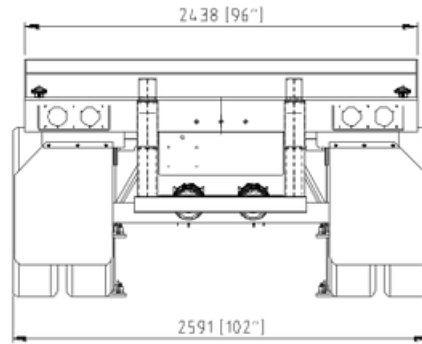
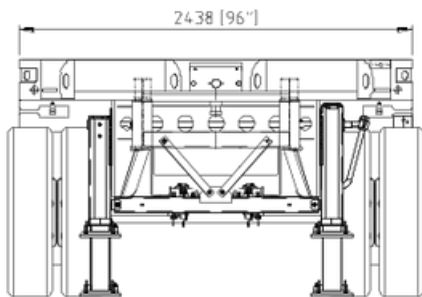
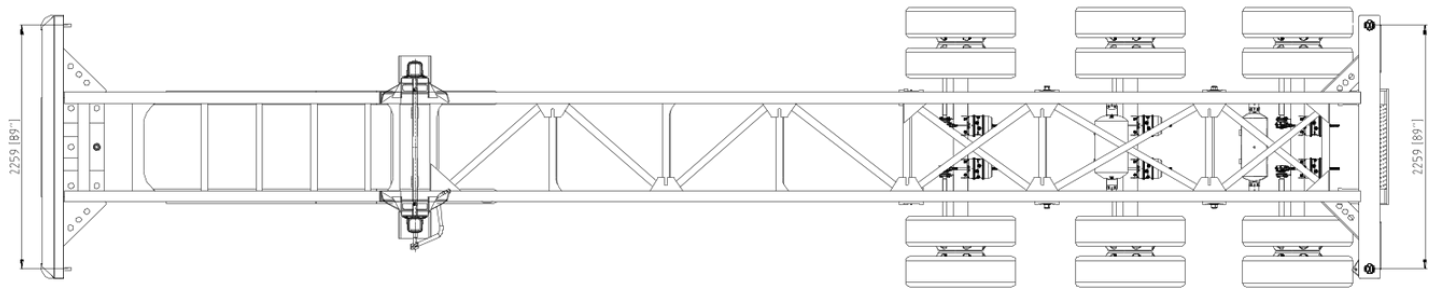
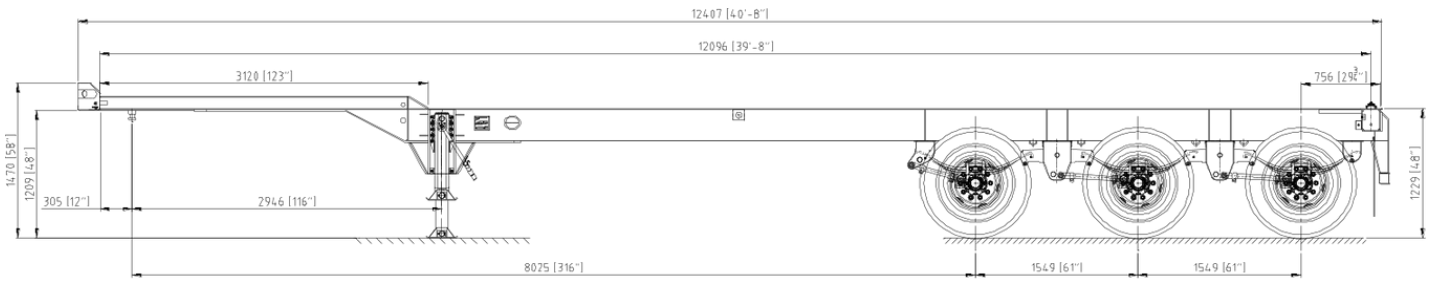
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