



BULL CHASSIS



40' LIGHTWEIGHT FOUR-AXLE CHASSIS



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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"

OVERALL HEIGHT: 58"

FIFTH WHEEL HEIGHT: 48 ± 1"

REAR DECK HEIGHT: 47 ± 1"

KINGPIN LOCATION: 9" (From rear face of front bolster)

LANDING GEAR LOCATION: 119" (From the kingpin center)

AXLE LOCATION: 101.24" (From rear face of rear bolster)

AXLE SPREAD: 49"+49"+49"

TARE WEIGHT: 6,800 lbs ±3%

PAYLOAD: 67,700 lbs (30,708kgs)



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MAIN BEAM: 13.75" deep x 4" wide fabricated H-beam, 5/16" thick Grade 100 steel flange and 1/4" thick Grade 50 web

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 fabricated H-beam, 5/16" thick flanges and 1/4" thick web

UPPER COUPLER: 5/16" pick up plate with JOST 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 3/16" thick open section fabricated by Grade 100 steel, 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. Bent corner caps

REAR BOLSTER: 8" wide x 5/16" thick top plate with 7" wide x 6-5/8" deep x 3/16" thick "U" type bottom channel fabricated by Grade 100 steel

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

REAR 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 49"** four-axle, overslung configuration with low-arch single leaf spring (363-00). Pre-painted **BLACK RAL9005** color.

AXLES: **AXN** 5 3/4" round axles, P-series Parallel spindle with 22500lb capacity; 71.5" track, Q+ 16.5"X7" 4707Q brake with **AXN** R20 linings. Pre-painted **BLACK RAL9005** color

1.5-28 spline, **HALDEX** 5.5" automatic slack adjusters

Reserved PSI interface; Heat Sensing Labels

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

WHEEL END: **WEMC** Dura-light Evolution Hub & **WEBB** lightweight outboard mounting Drum Assembly. **STEMCO** 358-4009 Integrated Sentinel Grease Hub Cap. **STEMCO** seals and bearings. Spindle nut: **STEMCO Pro-Torq** P/N 447-4723. (5-year warranty wheelend). (Long stud bolts for installing Aluminum wheels)

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

WHEELS: **SUNRISE** 22.5 x 8.25 10-stud hub-piloted Aluminum wheels with 5 hand holes and with TR572 valve stem

TIRES: **WESTLAKE** 295/75R22.5-14PR tubeless type, **CR915** tread without owner's logo

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

PHILLIPS glad hand 12-0081 and 12-0061, 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: **OPTRONICS** LED lights (amp connections for S/T/T lights and .180 bullets for others). The theft proof design used for 4" LED lighting.
PHILLIPS mold seal wiring harness, Reserved PSI and GPS connector

ELECTRICAL RECEPTACLE: **PHILLIPS** 16-724 plastic material with split pins

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

CONSPICUITY TAPE: **"3M"** 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**

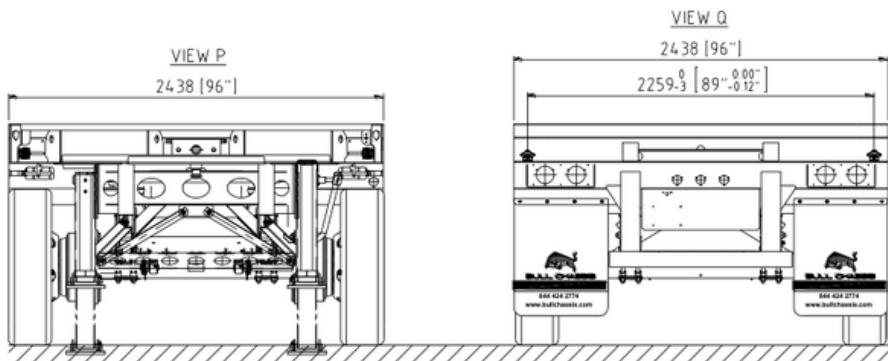
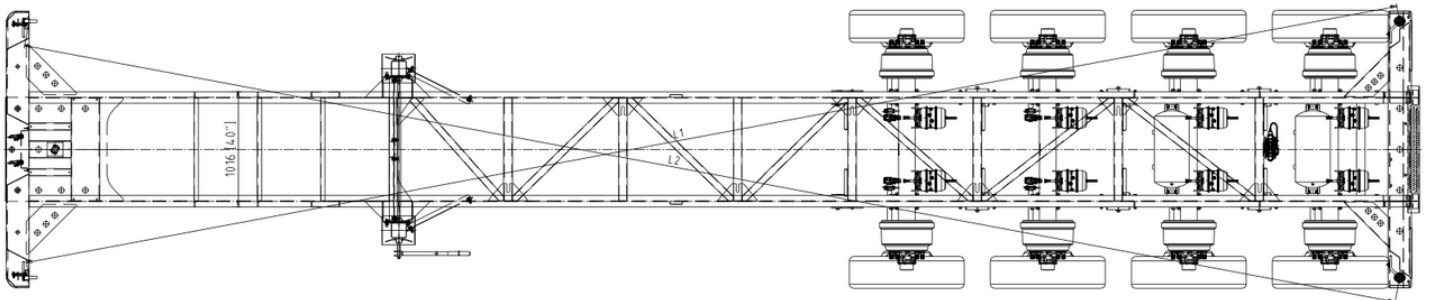
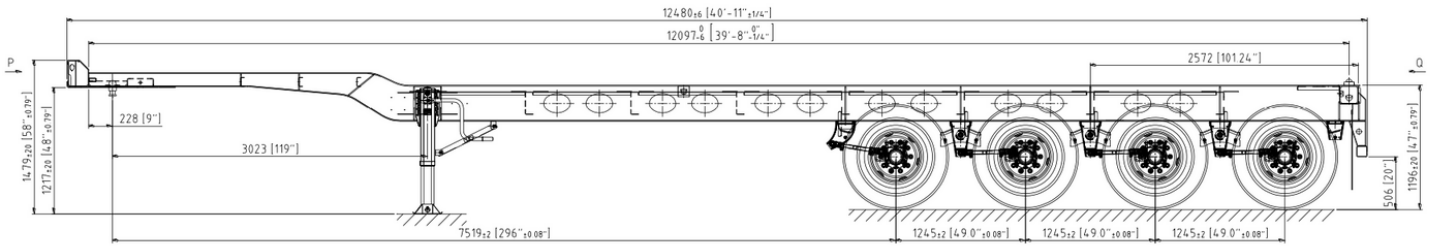
HUBODOMETER: **NONE**

MUD FLAPS: 30"x24"x0.25" Black PVC mud flaps with 4 mounting holes, "BULL CHASSIS"





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www.bullchassis.com

844-424-2774