



American Chassis Depot

40FT GOOSENECK LIGHTWEIGHT *CONTAINER CHASSIS*



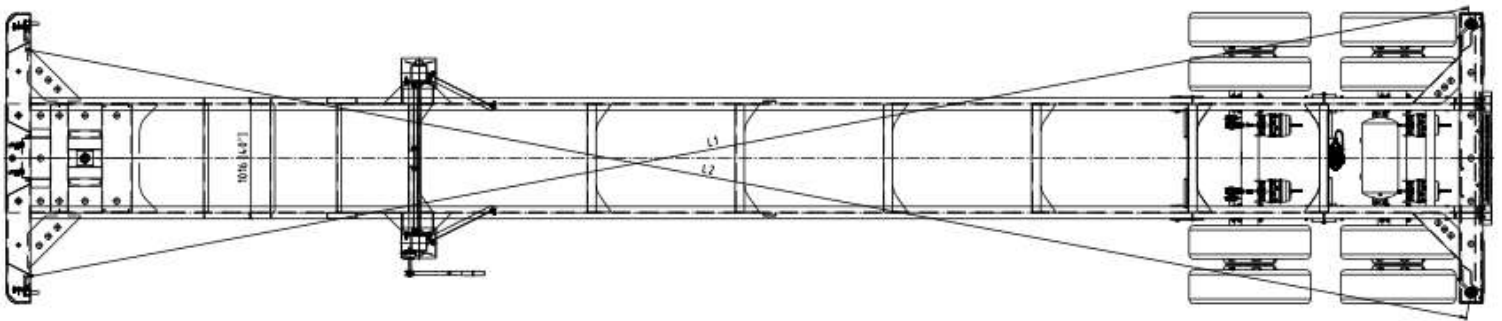
4811 N McCarty St Suite C, Houston, TX 77013



TECHNICAL SPECIFICATIONS

Overall Length	40'-11"
Overall Width	96"
Overall Height	58"
Fifth Wheel Height	48±1"
Rear Deck Height	47±1"
Kingpin Location	18" (From rear face of front bolster)
Landing Gear Location	110" (From the kingpin center)
Tandem Location	52" (From rear face of rear bolster)
Axle Spread	49"
Tare Weight	5,250 lbs ±2%
Payload	67,200 lbs (30,480kgs)

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





STEEL FRAME & COMPONENTS

1. 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

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

3. GN Member - 5-1/4" deep x 4" wide fabricated H-beam, 5/16" thick flanges and 1/4" thick web.

4. Upper Coupler - 1/4" 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.

5. 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.

6. 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.

7. Rear Bumper - " 4"x4" square tube step with taper "H" section vertical member. Bar is welded to uprights and main beam.

8. License Plate Bracket - Extending from rear bolster within envelope of ICC bumper. Plate is to contain rear cluster lights, rear fleet number & license plate.

9. Front Locking Pin - TOCA 905-910-000-LH/RH

10. Frear Twist Lock - TOCA 905-130-000-90-LH/RH

11. Landing Gear - SAF-HOLLAND ATLAS 65 with 65,000 lbs capacity, 2-speed 17" travel with Low profile sand shoes with solid axle. Crank handle is located on the driver's side of the chassis. Pre-painted BLACK color.

12. Suspension - SAF-HOLLAND mechanical tandem lightweight suspension with low-arch single spring (363-00). Pre-painted BLACK color.

13. Axles - AXN 5-3/4" round axles with 22,500lb capacity; 71.5" track, Q+ 16.5"x7" 4707Q brake. Pre-painted BLACK 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 (1 abs ready front, 1 non abs rear per unit). Long studs for installing Aluminum wheels.

14. Wheel End - WEMC 10 stud hub-piloted hubs with WEBB lightweight outboard mounting drum. 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)

15. Lubricant - Petro Canada Precision Synthetic EPOO Semi Fluid Grease lubricant.

16. Wheels - POMLEAD 22.5x8.25 hub-piloted Aluminum wheels.

17. Tires - WESTLAKE 255/70R22.5-16PR tubeless type.

18. Brake System - SEALCO 110800 spring brake priority valve system and WABCO 2S/IM ABS system. PHILLIPS glad hand 12-0061 and 12-0081, 3/8" blue air tube for control and 3/8" red for supply. HALDEX Goldseal T30/30, 2.5" stroke brake chamber. FUWA air tank (BLACK color).

19. Electrical - GROTE mold seal wiring harness, Reserved PSI and GPS connector. (10-year warranty). GROTE LED lights (amp connections for S/T/T lights; PL-10 for Marker/ID/ABS lights and 180 bullets for license light). The theft proof design used for 4" LED lighting.

20. Electrical Receptacle - GROTE zinc alloy material with solid pins.

21. Document Holder - PHILLIPS 16-802. Installed on roadside near crank handle.

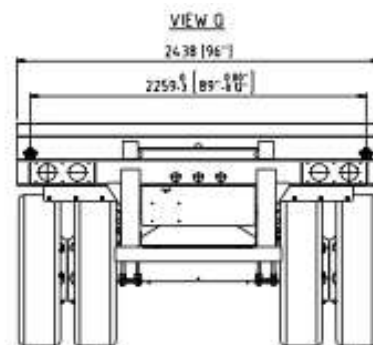
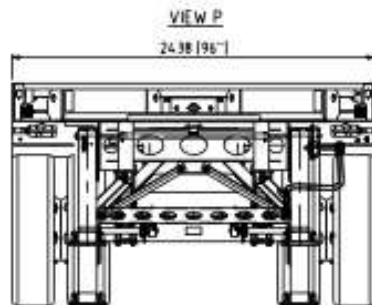
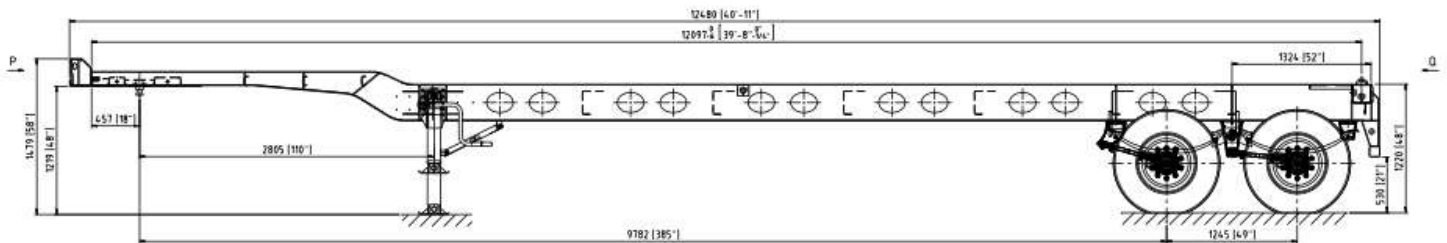
22. Conspicuity Tape - "3M" brand. Installed per federal regulations.

23. 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 true acrylic aliphatic urethane topcoat, Color YELLOW RAL1004 and at the corner painted BLACK color. Total thickness not less than 80µm after dry membrane. Coating supplier: NOROO (7-year warranty).



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