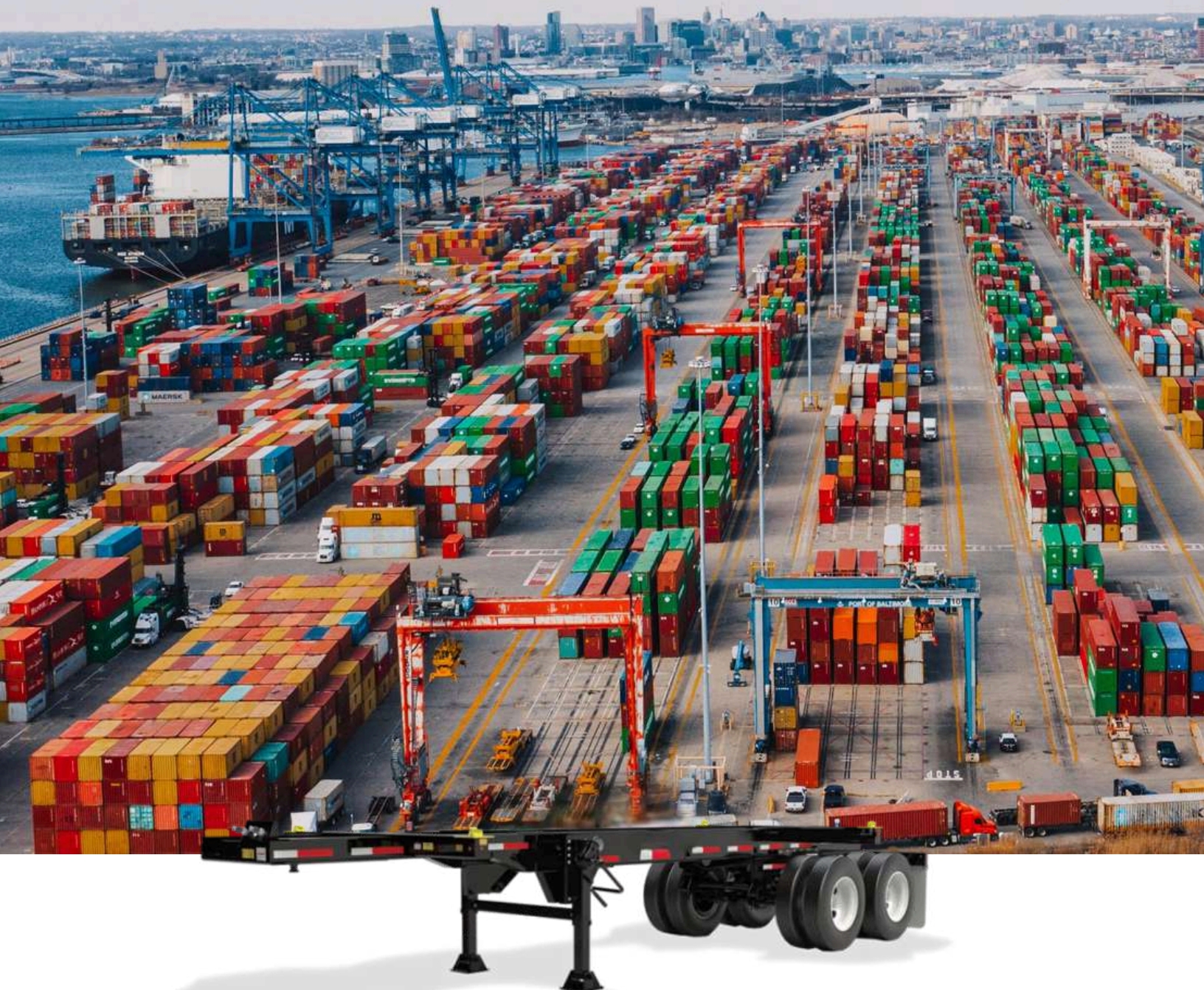




American Chassis Depot

20' SL TANDEM *CONTAINER CHASSIS*



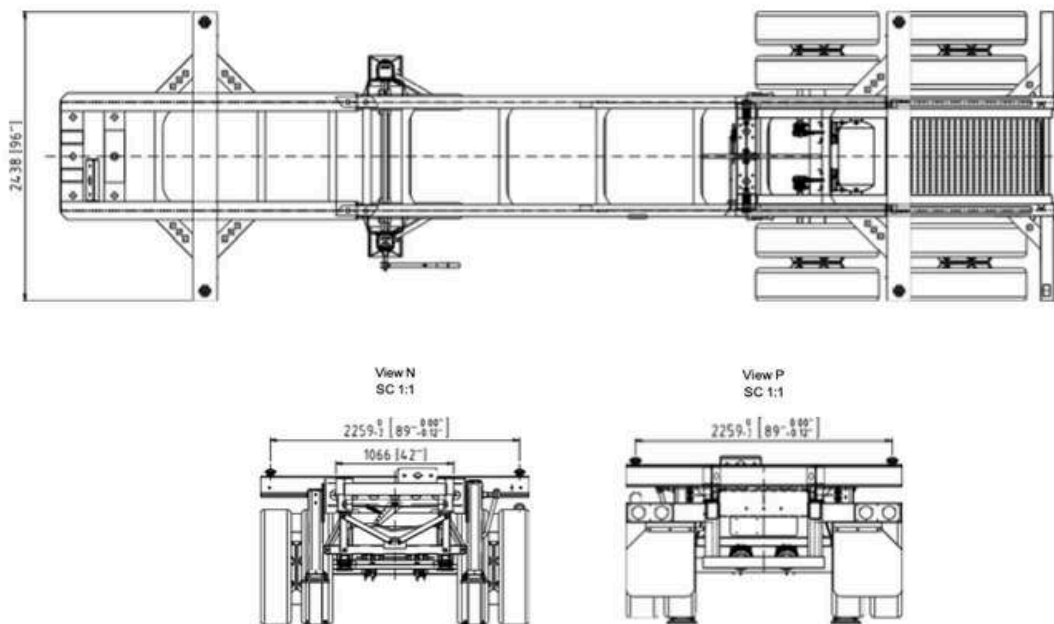
4811 N McCarty St Suite C, Houston, TX 77013



TECHNICAL SPECIFICATIONS

Overall Length	23'-8" or 27'-8" (extend)
Overall Width	96"
Overall Height	59"
Fifth Wheel Height	48±1"
Rear Deck Height	52±1"
Kingpin Location	30" (From the center of the front bolster)
Landing Gear Location	90" (From the kingpin center)
Tandem Location	54" (From rear face of rear bolster to rear axle center when retracted)
Axle Spread	49"
Tare Weight	6,900 lbs±2%
Payload	67,200 lbs (30,480 kgs)

This chassis is designed for transporting a 20' ISO container
This chassis meets all DOT, AAR, ANSI, TOFC, FMVSS, SAE and TTMA





STEEL FRAME & COMPONENTS

- 1. Main Beam** - POSCO W120I9lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent.
- 2. Cross Member** - 3/16" thick x 3" wide x 9" deep channel with profiled bar type diagonal brace. Local supplier.
- 3. 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.
- 4. Upper Coupler Rails** - Fabricated steel. Local supplier.
- 5. Front Bolster** - A572 grade 50 steel U form channel 7" wide x 6" high x 5/16" thick open section. 3/8" x 8" top plate. Local supplier.
- 6. Rear Bolster** - A572 grade 50 steel U form channel 7" wide x 7" high x 5/16" thick open section. 3/8" x 8" top plate. Local supplier.
- 7. Sliding Suspension Frame** - Rectangular tubing 6' x 4' x 5/16", ASTM A572 Grade 50 or equivalent. Local supplier. Easily operated self-locating and self-locking spring loaded pin mechanism is used to lock the frame.
- 8. Rear Bumper** - 4" x 4" square tube step with taper "H" section vertical member. Bar is welded to uprights and main beam. Local supplier.
- 9. License Plate Bracket** - Extending from rear bolster within envelope of ICC bumper. Plate is to contain rear cluster lights, rear fleet number & license plate. Local supplier.
- 10. Twist Lock** - BUFFERS
- 11. Landing Gear** - SAF-HOLLAND ATLAS65 with 65,000 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 color. Landing gear brackets are bolted on the main beam as the layout.
- 12. Lubricant** - MOBILITH SHC 007 Synthetic Semi-fluid grease lubricant.
- 13. Wheel End** - SAF Holland York Hub & Drum Assembly. STEMCO 358-4009 Integrated Sentinel Grease Hub Cap with umbrella valve. SKF seals P/N Scotseal plus XL 46300. ORBIT TN bearings. Spindle nut: YORK Double Nut.
- 14. Suspension** - HUTCH H9700 mechanical tandem suspension, overslung configuration with CASC low-arch 3-leaf spring (356-00). Pre-painted BLACK color.

15. 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.

16. Tires - WESTLAKE 11R22.5-14PR tubeless type.

17. Brake System - SEALCO 110800 spring brake priority valve system and WABCO 2S/1M ABS system. PHILLIPS glad hand 12-0061 and 12-0081. TECTRAN 3/8" blue air tube for control and 3/8" red for supply. HALDEX Goldseal T30/30, 2.5" stroke brake chamber. TCMC air tank (Pre-painted BLACK color).

18. 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.

19. Electrical Receptacle - PHILLIPS 16-724 plastic material with split pins.

20. Axles - SAF Holland York 5" round axles with 22500lb capacity; 71.5" track, Q+ 16.5" X 7" 4515Q brake. Dust shields are provided. Pre-painted BLACK color. 1.5-28 spline, HALDEX 5.5" automatic slack adjusters. None reserved PSI interface; Heat Sensing Labels. Axle Installation orientation: 270 degrees FRONT, chambers UP (1 abs ready front, 1 non abs rear per unit).

21. Document Holder - TCMC. 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 powder topcoat. Color BLACK RAL9005 and at the corner painted YELLOW color. Total thickness not less than 80µm after dry membrane. Coating supplier: PPG

24. Hubodometer - NONE

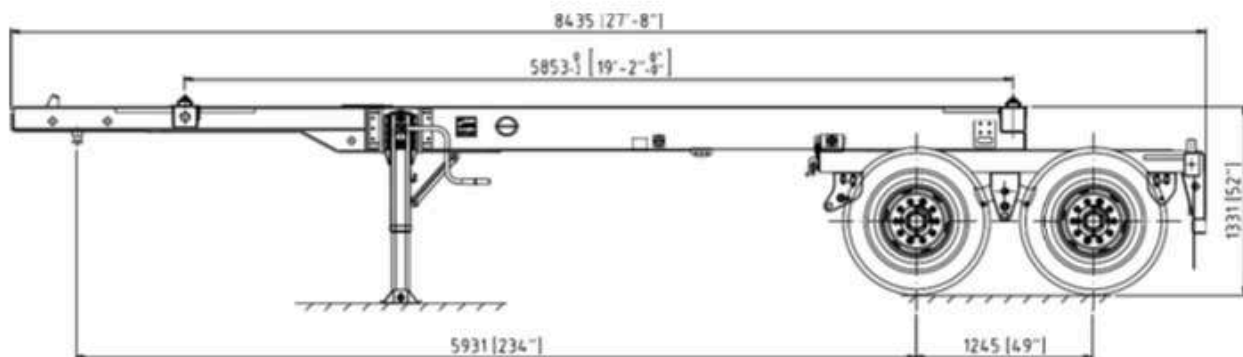
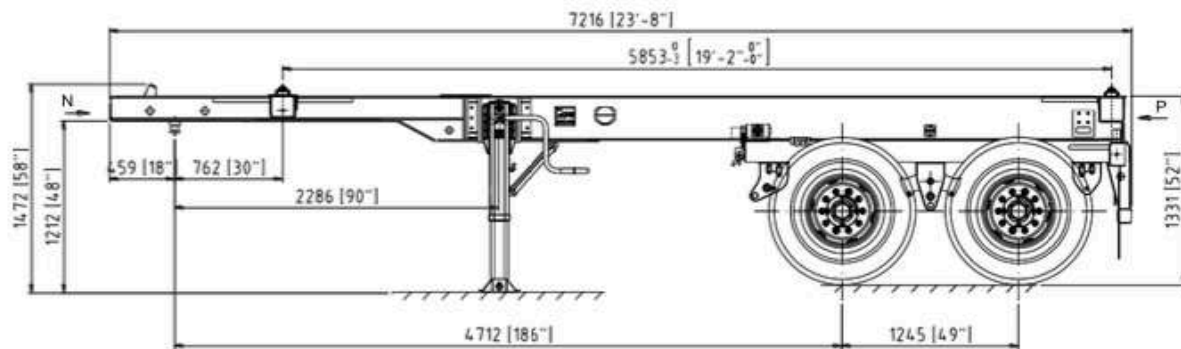
25. Tire Inflation System - NONE.

26. Mud Flaps - TPC 24" x 24" x 1/4" White PVC mud flaps with "BULL CHASSIS" logo.



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