



American Chassis Depot

20/40 EXTENDABLE TANDEM WITH PSI CONTAINER CHASSIS



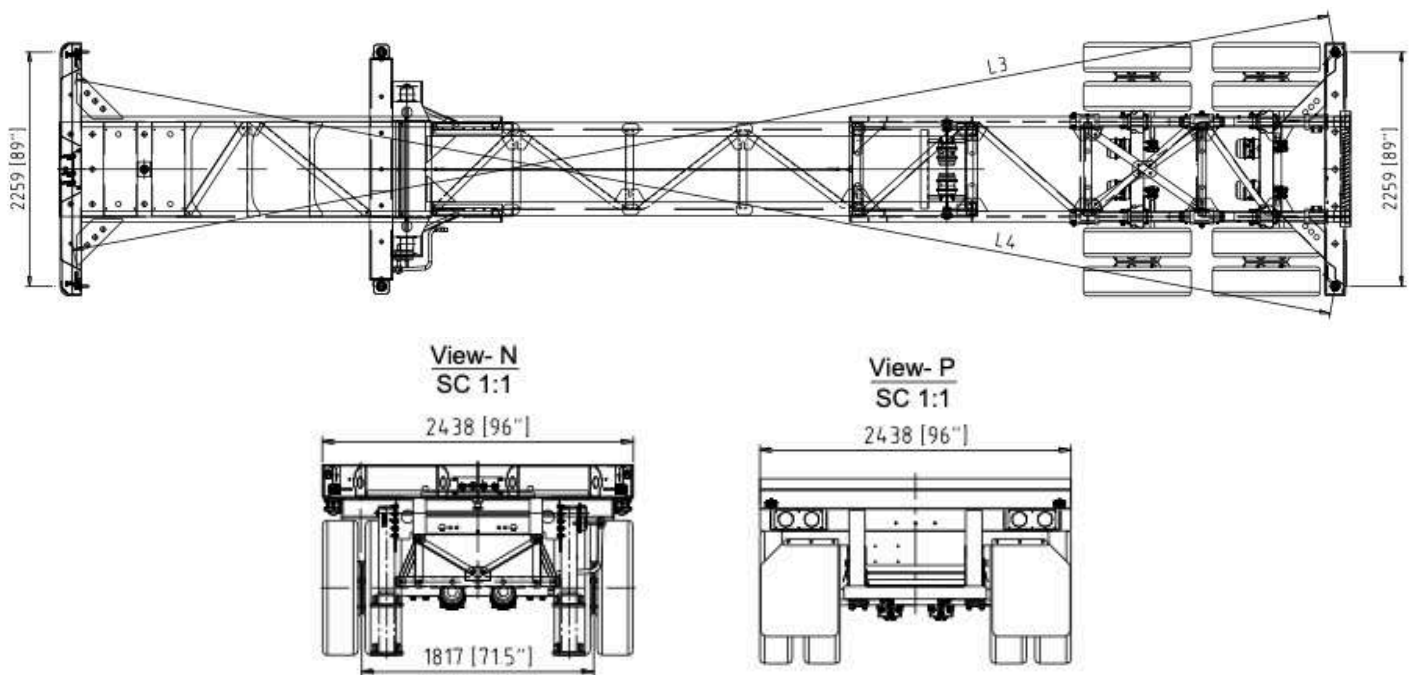
4811 N McCarty St Suite C, Houston, TX 77013



TECHNICAL SPECIFICATIONS

Overall Length	29'-11" retracted or 40'-10" extended
Overall Width	96"
Fifth Wheel Height	48±1"
Kingpin Location	24" (From rear face of front bolster)
Landing Gear Location	100" (From centerline of kingpin)
Axle Spread	49"
Tandem Location	54" (From rear face of rear bolster)
Tare Weight	7,660 lbs ±3%
Payload	44,640 lbs in 20' position; 67,040 lbs in 40' position

This chassis is designed for transporting one ISO 20' or one ISO 40' containers
This chassis meets all DOT, AAR, ANSI, TOFC, FMVSS, SAE and TTMA specifications





STEEL FRAME & COMPONENTS

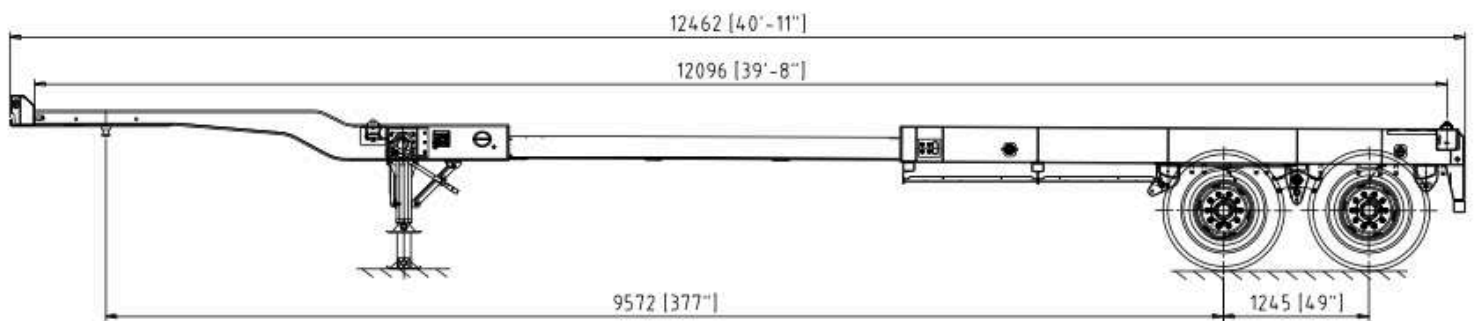
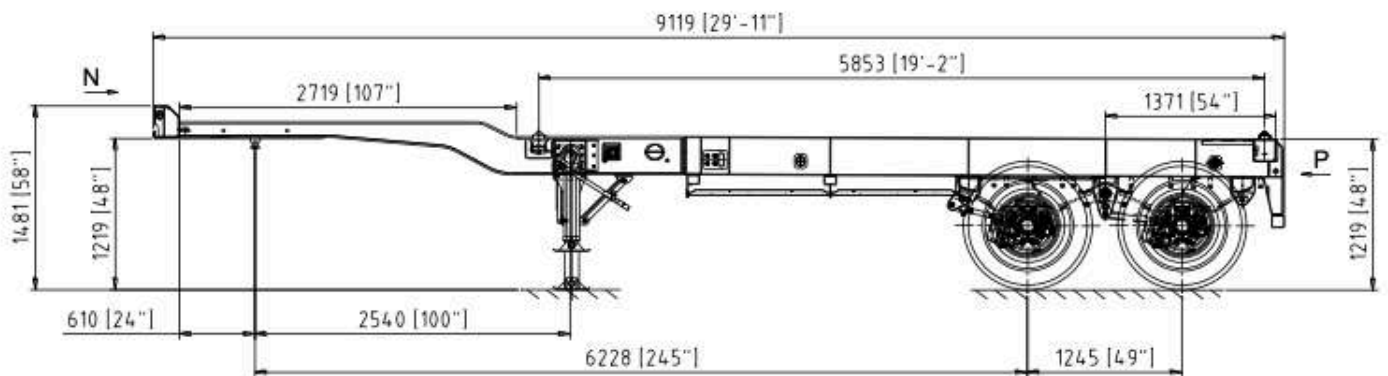
- 1. Front Main Beam** - Fabricated I-beam with high strength Grade 100 steel flanges.
- 2. Cross Member** - Fabricated 3/16" thick channel with profiled bar type diagonal brace. Local supplier.
- 3. Upper Coupler** - 5/16" pick up plate with JOST 2" diameter square type king pin per SAE standard, 380-420 HB, with 2" water drain holes, design to be integrated with main frame through welding.
- 4. 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 located in the center of front bolster. Bent corner caps. Local supplier.
- 5. Front Locking Pin** - BUFFERS
- 6. Center Bolster** - 8" wide x 6" deep x 1/4" thick tube section. ASTM A-500 GR.B or equivalent. Local supplier.
- 7. Center Twistlock** - VAN DOORN.
- 8. Rear Bolster** - 8" wide x 3/8" thick top plate with 7" wide x 6-5/8" deep x 1/4" thick "U" type bottom channel. Local supplier.
- 9. Rear Twistlock** - BUFFERS
- 10. Rear Bumper** - 4"x4" square tube step with taper "H" section vertical member. Bar is welded to uprights and main beam. Local supplier.
- 11. Extension Beam** - Fabricated 7-5/8" tall x 5-1/4" wide I-beam with high strength Grade 100 steel flanges.
- 12. Rear Main Beam** - POSCO W12@019lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent.
- 13. Locking System** - Air operated locking pins, Activated by HALDEX Goldseal 24/24 spring brakes on both sides of the trailer through third glad hand on front sill.
- 14. 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.
- 15. Axles** - SAF Holland York 5" round axles with 22500lb capacity; 71.5" track, Q+ 16.5"x7" 4515Q brake. Pre-painted BLACK color. 1.5-28 spline, HALDEX 6.0" automatic slack adjusters. Reserved PSI interface; None Heat Sensing Labels. Axle Installation orientation: 90 degrees REAR, chambers DOWN (1 abs ready front, 1 non abs rear per unit).

- 16. Suspension** - HUTCH H9700 mechanical tandem suspension, overslung configuration with CASC high-arch 3-leaf spring (354-00). Pre-painted BLACK color.
- 17. 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 / Scotseal Classic 46305. ORBIT TN bearings. Spindle nut: YORK Double Nut.
- 18. Lubricant** - MOBILITH SHC 007 Synthetic Semi-fluid grease lubricant.
- 19. Wheels** - SUNRISE 22.5x8.25 10-stud hub-piloted wheels with 5 hand holes and with TR572 valve stem. Pre-painted WHITE color.
- 20. Tires** - SAILUN 11R22.5-16PR tubeless type, S665 tread without owner's logo.
- 21. 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, 3.0" stroke brake chamber. TCMC air tanks (Pre-painted BLACK color).
- 22. 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.
- 23. Electrical Receptacle** - PHILLIPS 16-724 plastic material with split pins.
- 24. Document Holder** - TCMC. Installed on roadside near crank handle.
- 25. Conspicuity Tape** - "3M" brand. Installed per federal regulations.
- 26. 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.
- 27. Hubodometer** - NONE
- 28. Tire Inflation System** - PSI Tire Inflation System with THERMalert.
- 29. Mud Flaps** - TPC 30"x24"x1/4" Black PVC mud flaps with "American Chassis Depot" logo and address.



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DRIVE SUCCESS FOR BUSINESSES ACROSS AMERICA**





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