



American Chassis Depot

# **53'GN SLIDER TANDEM**

## **CONTAINER CHASSIS**



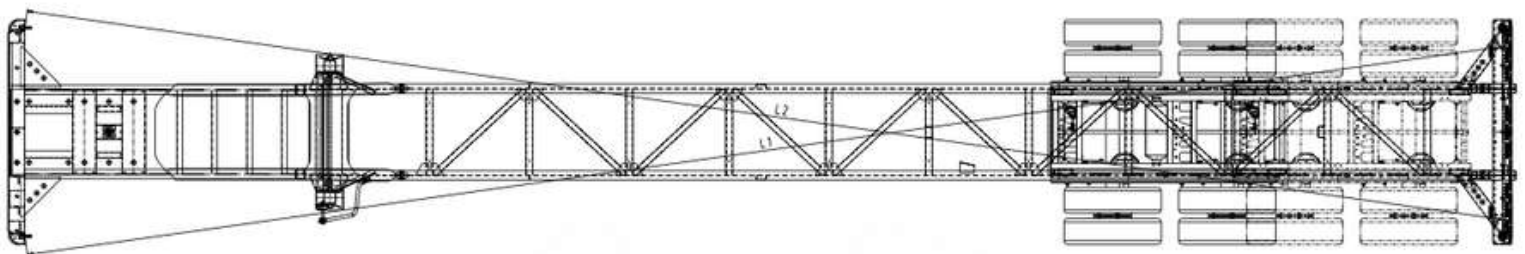
4811 N McCarty St Suite C, Houston, TX 77013



## TECHNICAL SPECIFICATIONS

<b>Overall Length</b>	53'-7" (Excluding dock bumpers)
<b>Overall Width</b>	96"
<b>Fifth Wheel Height</b>	47±1"
<b>Fifth Height</b>	55"
<b>Max. Rear Height</b>	48±1"
<b>Kingpin Location</b>	36" (From the rear face of the front bolster)
<b>Landing Gear Location</b>	130" (From the rear face of the front bolster)
<b>Axle Spread</b>	49"
<b>Slider Bogie Setting</b>	90" travel in 6" increment
<b>Tare Weight</b>	(7,450 lbs) (Approximately)
<b>Payload</b>	67,200 lbs

This chassis is designed for transporting a 53' ISO container  
This chassis meets all DOT, AAR, ANSI, TOFC, FMVSS, SAE and TTMA specifications.







## STEEL FRAME & COMPONENTS

**1. Main Beam** - Local supplier W12x16lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent.

**2. Cross Member** - 1/8" & 3/16" thick full height channel with profiled bar type diagonal brace. Local supplier.

**3. GN Member** - 4" deep x 4" wide fabricated H-beam, 5/8" thick flanges and 5/16" thick web. ASTM GR100.

**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** - 7-way receptacle and glad hands are located on the roadside of front bolster. Bent corner caps. Local supplier. 7-3/8" wide x 7-3/4" high x 1/4" thick open section, with 2-3/8" chamfer in full length for gathering container in operation.

**6. Rear Bolster** - 8" wide x 3/8" thick top plate with 7" wide x 6-5/8" deep x 3/16" thick "U" type bottom channel. Local supplier.

**7. Rear Bumper** - 4"x4"x3/16" square tube step with taper "H" section vertical member. Bar is bolted to uprights. The bumper is bolted to 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. Local supplier.

**9. Sliding Suspension Frame** - HENDRICKSON AAZNT 46K lightweight chassis platform slider with 4 index pins. QUIK-DRAW® pneumatic pin-pull mechanism with removable and replaceable pin cage.

**10. Front Locking Pin** - BUFFERS 1103-1213-L/R.

**11. Rear Twist Lock** - BUFFERS 1102-1259-L/R.

**12. Axles** - HENDRICKSON 5.75" round axles with 22,500lb capacity; 71.5" track, 16.5"x7" 4515Q brake. Dust shields are provided. Pre-painted BLACK color. 1.5-28 spline, HALDEX 5.5" automatic slack adjusters. Reserved PSI interface; Heat Sensing Labels. Axle Installation orientation: 90 degrees REAR, chambers DOWN (1 abs ready front, 1 non abs rear per unit).

**13. Suspension** - HENDRICKSON AAZNT 46K with 46,000 lbs capacity fit to 96" trailer width, 37" I-beam center, and 16" ride height, standard shock absorbers.

**14. Wheel End** - HENDRICKSON HXL5 wheel-end package. (5-year warranty). Included Non-PSI grease hub caps and Long studs for installing Aluminum wheels.

**15. Lubricant** - Semi-fluid grease lubricant.

**16. Wheels** - ALCOA 22.5x8.25 10-stud hub-piloted Aluminum wheels.

**17. Tires** - WESTLAKE 11R22.5-14PR tubeless type.

**18. Brake System** - SEALCO 110800 spring brake priority valve system and BENDIX TABS-6 RSS+ 2S/IM 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).

**19. 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.

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

**21. Document Holder** - TCMC. Installed on roadside near crank handle.

**22. 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.

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

**24. Hubodometer** - STEMCO

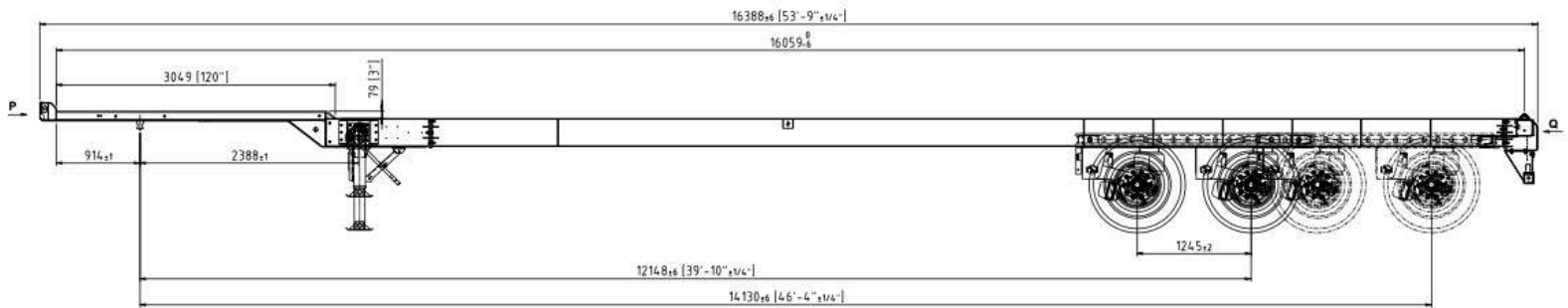
**25. Tire Inflation System** - NONE

**26. Mud Flaps** - TPC 24"x24"x1/4" White PVC mud flaps with 3 mounting holes and with "BULL CHASSIS" logo.

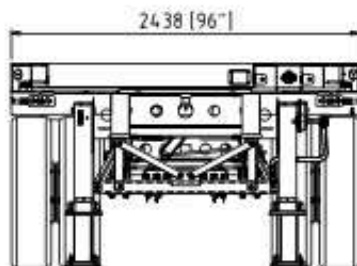


# American Chassis Depot

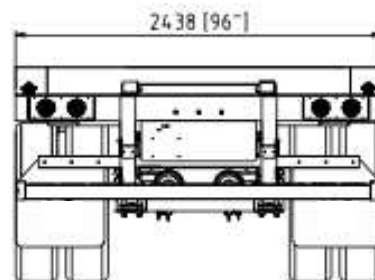
TRUSTED TRANSPORTATION SOLUTIONS THAT  
DRIVE SUCCESS FOR BUSINESSES ACROSS AMERICA



View - P



View - Q







American Chassis Depot



**American Chassis Depot** is a leading provider of high-quality chassis solutions for the transportation and logistics industry. With years of experience in the field, our team is committed to helping you find the perfect chassis solution for your specific needs.

For more information [americanchassisdepot.com](http://americanchassisdepot.com)