



BULL CHASSIS

20/40' 12 PINS TRIAXLE CONTAINER CHASSIS



SPECIFICATIONS

1.- OBJECTIVE

This chassis is designed to transport a 20' ISO container or two empty 20' containers or a 40' ISO container. This chassis complies with all DOT, AAR, ANSI, TOFC, FMVSS, SAE, and TTMA specifications.

2.- GENERAL

Total length	31'-7" (retracted) or 40'-11" (extended).
Total width	96"
Height of fifth wheel	47 ± 1"
Height of rear platform	48 ± 1"
Location of kingpin	18" (from the rear face of the front support)
Location of landing gear	100" (from the center of the kingpin)
Location of tridem	26" (from the rear face of the rear support to the center of the rear axles when extended)
Wheelbase	61" + 61"
Tare weight	10,900 lbs ± 2%
Payload	66,100 lbs for loaded 20-foot or 74,100 lbs for loaded 40-foot

3.- STRUCTURE AND COMPONENTS

Main Beam	Hot rolled I-beam 16" x 5" fabricated with high-strength flanges and 6-11/32" height for gooseneck rail
Upper Coupler	Pickup plate of 5/16" with JOST square kingpin of 2" diameter according to SAE standard with a hardness of 380-420 HB, and 2 water drainage holes of 2", designed to integrate with the main frame through welding"
Intermediate Support	Fabricated with retractable flip locks
Rear Reinforcement	Conical main frame rectangular support fabricated with top and bottom plates of 3/8" thickness and side plates of 5/16" thickness. Box beam support fabricated from 6-5/8" height x 4" width in a slider composed of top/bottom plates of 1/2" thickness with side plates of 5/16" thickness
Locking System	Air-actuated locking pins, spring brake-activated 30/30 on both sides of the trailer through the third air hose at the front threshold
Landing Gear	AXN FW32E00J with capacity of 60,000 lbs, 17" travel, and 2 speeds with low-profile "T" sand shoes. Crank is located on the driver's side of the chassis. Landing gear supports are fastened to the main beam
Container Locks	TOCA
Suspension	Underslung tri-axle AXN configuration of 61" with single high-curve leaf spring (360-00). Pre-painted in black
Axle	66,100 lbs for loaded 20-foot or 74,100 lbs for loaded 40-foot
Wheel End	AXN hub and drum assembly P/N H30-0647BFNTZ / H30-0647BFNZ, STEMCO hub cap 358-4009 Integrated Sentinel Grease, STEMCO seals and bearings. Axle nut: STEMCO Pro-Torq P/N 447-4743. (5-year warranty for wheel end)
Lubricant	Synthetic semi-fluid precision EP 00 grease from Petro Canada
Wheels	Hub-piloted 10-stud JINGU 22.5 x 8.25 wheels with 5 hand holes and TR572 valve. Pre-painted in black
Tires	Tubeless WESTLAKE 255/70R22.5-16PR
Brake System	SEALCO 110800 spring brake priority valve system and WABCO 4S/2M ABS system. PHILLIPS glad hand 12-0061 and 12-0081, blue 3/8" air tube for control and red 3/8" for supply
Electrical	PHILLIPS molded wiring harness with PSI and GPS connector. (10-year warranty). OPTRONICS LED lights. Anti-theft design used for 4" LED lighting
Electrical Receptacle	PHILLIPS 15-7292 is made of zinc alloy material with solid pins
Paint	All metal surfaces are subjected to abrasive blasting, with a minimum of SA-2.5, to achieve clean bare steel. The surface is coated with an electrophoretic primer and a top powder coating. Total thickness is not less than 80µm after dry film. Coating supplier: PPG
Bull GPS	Real-time tracking, geofencing, configurable alerts, 4G LTE and Bluetooth connectivity, sensor equipment, and comprehensive reports

· CHASSIS

Conical main frame rectangular support fabricated with top and bottom plates of 3/8" thickness and side plates of 5/16" thickness. Box beam support fabricated from 6-5/8" height x 4" width in a slider composed of top/bottom plates of 1/2" thickness with side plates of 5/16" thickness.



· PAINT

All metal surfaces are subjected to abrasive blasting, with a minimum of SA-2.5, to obtain clean bare steel.



· BULL GPS

Real-time tracking, geofencing, configurable alerts, 4G LTE and Bluetooth connectivity, sensor equipment, and comprehensive reports.



· TIRES

Hub-piloted 10-stud wheels JINGU 22.5 x 8.25 with 5 hand holes and TR572 valve. Pre-painted in black color. Tubeless type WESTLAKE 255/70R22.5-16PR.



· LANDING GEAR

AXN FW32E00J landing gear with a capacity of 60,000 pounds, 17" travel, and 2-speed gearbox with low-profile "T" shoes. Crank handle is located on the driver's side of the chassis.





· **SUSPENSION SYSTEM**

Underslung tri-axle configuration AXN of 61" with high-curve single leaf spring (360-00). Pre-painted in black color.



· **BRAKE SYSTEM**

SEALCO 110800 priority valve spring brake system and WABCO 4S/2M ABS system. PHILLIPS glad hand 12-0061 and 12-0081.



· **ELECTRICAL SYSTEM**

APHILLIPS molded wiring harness with PSI and GPS connectors. (10-year warranty). OPTRONICS LED lights. Anti-theft design used for 4" LED lighting. PHILLIPS 15-7292 is made of zinc alloy with solid pins.



WORKING WITH THE BEST



CONTACT US

+1 (844) 4 CHASSIS
 +1 (844) 424 2774
 +1 442 257 9946



New York Office
 +1646 257 9255
 One World Trade Center, 285 Fulton Street
 Suite 8500, New York City NY 10007 USA



Georgia Office
 +1912 525 0017
 18 Gulfstream Rd Savannah, GA 31408



Houston Office
 +1844 424 9946
 4811 N McCarty St suite b, H
 Estados Unidos

bullchassis.com

