



BULL CHASSIS

20/40 EXTENDABLE CONTAINER CHASSIS TANDEM



SPECIFICATIONS

1.- OBJECTIVE

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.

2.- GENERAL

Total length	29' -11" retracted or 40'-10" extended
Total width	96"
Height of fifth wheel	48 ± 1"
Location of kingpin	24" (From rear face of front bolster)
Location of landing gear	100" (From centerline of kingpin)
Location of tandem	54" (From rear face of rear bolster)
Axle Spread	49"
Tare weight	7,500 lbs ± 2%
Payload	44,800 lbs in 20' position; 67,200 lbs in 40' position

3.- STRUCTURE AND COMPONENTS

Main Beam	Fabricated I-beam with high strength Grade 100 steel flanges.
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.
Cross Member	Fabricated 3/16" thick channel with profiled bar type diagonal brace.
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.
Rear Bomper	4" x 4" square tube step with taper "H" section vertical member. Bar is welded to uprights and main beam.
Landing Gear	AXN FW32E00J with 60,000 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.
Center Twist Lock	TOCA 905-160-000
Suspension	AXN mechanical tandem suspension, overslung configuration with 3-leaf high arch springs (354-00). Pre-painted BLACK color.
Axle	AXN 5" round axles with 22500lb 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: 90 degrees rear, Chambers DOWN (1 abs ready front, 1 non abs rear per unit).
Wheel End	AXN Hub & Drum Assembly P/N H30-0647BFLNTZ/H30-0647BFLNZ, 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). (Long stud bolt for installing with Aluminum wheels)
Lubricant	Petro Canada precision synthetic EP 00 semi fluid grease lubricant.
Wheels	SUNRISE 22.5 x 8.25 10-stud hub-piloted Aluminum wheels.
Tires	WESTLAKE 11R22.5-14PR tubeless type.
Brake System	SEALCO 110800 spring brake priority valve system and WABCO 2S/1M 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 tanks.
Electrical	PHILLIPS mold seal wiring harness, Reserved PSI and GPS connector. (10-year warranty) OPTRONICS LED lights (amp connections for S/T/T lights and .180 bullets for others). The theft proof design used for 4" LED lighting
Electrical Receptacle	PHILLIPS 15-7292 zinc alloy material with solid pins.
Paint	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 and at the corner painted YELLOW color. Total thickness not less than 80µm after dry membrane. Coating supplier: PPG (7-year warranty).
Bull GPS	Real-time tracking, geofencing, configurable alerts, 4G LTE and Bluetooth connectivity, sensor equipment, and comprehensive reports

· CHASSIS

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.



· CONSPICUITY TAPE:

"3M" brand. Installed per federal regulations



· BULL GPS

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



· DOCUMENT HOLDER:

PHILLIPS 16-802. Installed on roadside near crank handle.



· UPPER COUPLER RAILS::

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. Casted corner caps (TOCA 905-940-000-RS/CS).





· FRONT LOCKING PIN:

TOCA 905-910-000-LH/RH



· REAR TWIST LOCK:

TOCA 905-130-000-90-LH/RH



· EXTENSION BEAM:

Fabricated 7-5/8" tall x 5-1/4" wide I-beam with high strength Grade 100 steel flanges.



WORKING WITH THE BEST



CONTACT US

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



New York Office
+1 646 257 9255
One World Trade Center, 285 Fulton Street
Suite 8500, New York City NY 10007 USA



Georgia Office
+1 912 525 0017
18 Gulfstream Rd Savannah, GA 31408



Houston Office
+1 844 424 9946
4811 N McCarty St suite b, H
Estados Unidos



bullchassis.com