



BULL CHASSIS

40/45/48/53FT EXTENDABLE TRIAXLE CONTAINER CHASSIS



SPECIFICATIONS

1.- Objective

This chassis is designed to transport a 40', 45', 48' or 53' ISO or national container. This chassis meets all DOT, AAR, ANSI, TOFC, CMVSS, SAE, and TTMA specifications.

2.- GENERAL

OVERALL LENGTH	40'-8" or 45'-8" or 48'-8" or 53'-8" (Excluding loading dock bumpers)
OVERALL WIDTH	96"
OVERALL HEIGHT	55"
FIFTH WHEEL HEIGHT	47 ± 1"
MAX. REAR HEIGHT	48 ± 1"
KINGPIN LOCATION	24" (From back face of bracket forward)
LANDING GEAR LOCATION	113-3/4" (From center of kingpin)
LOCATION TANDEM	41-3/4" (From rear face of rear support to center of rear axle when extended)
SLIDING BOGIE ADJUSTMENT	48" travel in 4" increments
TARE WEIGHT	11,420 lbs (approximately)
USEFUL LOAD	67,200 lbs (30,480 kg)

3.- Structure and Components

Main Beam	W12@19lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent.
Cross member	3/16" thick x 2 1/2" wide x 4 3/4" deep channel with profiled bar type diagonal brace for extension frame and 3/16" thick x 3 1/8" wide x 6 5/8" deep channel with profiled bar type diagonal brace for the rear main beam
GN Beam	4" deep x 4" wide fabricated H-beam by Grade 80 steel, with 5/8" thick flanges and 5/16" thick web.. Gooseneck flippers for changing the GN's height for ISO/ AAR tunnels
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, Desing to be integrated with main frame through ewlding
Front bolster	8" wide x 10" high x 3/16" thick open section, with 3-1/2" chamfer in full length for gathering container in operation 7-way receptacle and glad hands are in the center of front bolster. Casted corner caps (TOCA 905-940-000-RS/CS)
Rear Bolster	8" wide x 3/8" thick top plate with 7" wide x 7" deep x 3/16" thick "U" type bottom channel.
Rear Bumper	4" x 4" x 3/16" square tube step with taper "H" section vertical member. Bar is bolted to uprights. The bumper is bolted to main beam.
Extension Frame	Fabricated I-beam 8 1/4" deep with 5 1/4" x 3/8" thick top and bottom flanges with 1/4" thick web. Air operated locking pins, activated by spring brakes on both side of the trailer through third gladhand on front sill.
Sliding suspension frame	A sidemount friction slider with "Z" type slider rail fabricated by hi-tensile minimum 80,000 psi steel, 3/16" thick crossmembers reinforced with gussets. The slider with four (4) index pins operated mechanical manner. Lock pin mechanism with removable and replaceable components.
Front locking pin	TOCA 905-910-000-LH/RH
Rear twist lock	TOCA 905-800-400B/ 905-800-500B
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 RAL9005 color. Landing gear brackets are bolted on the main beam as the layout
Lubricant	MOBILITH SHC 007 Synthetic Semi-Fluid Grease lubricant.
Axles	AXN 5" round axles with 22500lb capacity; 77.5" track, Q+ 16.5"X7" 4707Q brake with AXN R23 linings. Dust shields are provided. Pre-painted BLACK RAL9005 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 (2 abs ready front and rear, 1 non abs mid per unit).
Wheel end	AXN Hub & Drum Assembly P/N H30-0647BFNTZ/H30-0647BFNZ. SKF grease Hub Cap. SKF seals and Hyatt / General Bearing Company (China) bearings. Spindle nut: AXN Single nut.
Tires	SAILUN 11R22.5-16PR tubeless type, S665 tread without owner's logo.

· **WHEELS**

JINGU 22.5 x 8.25 10-stud hub-piloted wheels with 5 hand holes and with TR572 valve stem. Pre-painted BLACK RAL9005 color.



· **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 true acrylic aliphatic urethane topcoat. Color YELLOW RAL1004 and at the corner painted BLACK RAL9005 color. Total thickness not less than 80µm after dry membrane. Coating supplier: NOROO



· **BULL GPS**

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



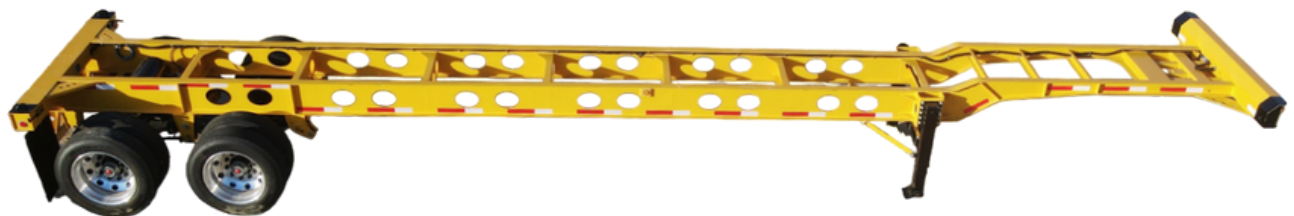
· **CROSSMEMBER**

3/16" thick x 2 1/2" wide x 4 3/4" deep channel with profiled bar type diagonal brace for extension frame and 3/16" thick x 3 1/8" wide x 6 5/8" deep channel with profiled bar type diagonal brace for the rear main beam



· **LANDING GEAR**

SAXN 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.





· **SUSPENSION SYSTEM**

AXN sidemount OS 60" tri-axle, overslung configuration with medium-arch 3-leaf spring (355-00). Pre-painted BLACK RAL9005 color.



· **BRAKE SYSTEM**

SEALCO 110800 spring brake priority valve system, SEALCO 110580 control line valve and WABCO 4S/2M ABS system PHILLIPS glad hand 12-13807 and 12-13607, 3/8" blue air tube for control and 1/2" red for supply. HALDEX Goldseal T30/30, 2.5" stroke brake chamber.



· **ELECTRICAL SYSTEM**

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.



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

