



BULL CHASSIS

40/45' EXTENDABLE CONTAINER CHASSIS



SPECIFICATIONS

1.- OBJECTIVE

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

2.- GENERAL

Total length	40'-11" retracted or 45'-11" extended
Total width	96"
Total height	58"
Fifth wheel height	48 ± 1"
Rear platform height	48 ± 1"
Kingpin location	30" (From the rear face of the front brace)
Landing gear location	100" (From the center of the kingpin)
Tandem location	"54"" (From the rear face of the rear brace)"
Axle separation	49"
Tare weight	7,400 lbs±2%
Payload	67,200 lbs (30,480kgs)

3.- STRUCTURE AND COMPONENTS

Main Beam	Hot rolled W12 @ 19 lb/ft H-beam, ASTM A572 Grade 50 or equivalent
Crossmember	Canal de 3/16" de espesor x 3" de ancho x 9" de profundidad con tirante diagonal de perfil de barra
Upper Coupler	1/4" lifting plate with JOST square kingpin of 2" diameter according to SAE standard, 380-420 HB, with 2" water drainage holes, designed to integrate with the main frame through welding
Front Reinforcement	Open section 8" wide x 10" high x 1/4" thick, with 3-1/2" chamfer along its entire length to collect the container during operation. 7-way socket and glad hands in the center of the front support. Cast corner caps (TOCA 905-940-000-RS/CS)
Rear Reinforcement	Upper plate 8" wide x 3/8" thick with lower U-shaped channel 7" wide x 6-5/8" deep x 1/4" thick
Rear Bumper	4" x 4" square tube step with conical "H"-shaped vertical section. The bar is welded to the uprights and the main crossmember
License Plate Bracket	Extends from the rear reinforcement within the ICC bumper wrap. The plate must contain the rear fleet number and license plate
Chassis Extension	Extends from the rear support within the ICC bumper wrap. The plate must contain the fleet number and rear license plate
Front Lock Pin	TOCA 905-910-000-LH/RH
Rear Torsion Lock	TOCA 905-130-000-90-LH/RH
Suspension	AXN tandem mechanical suspension, raised configuration with 3 high-arch leaf springs (354-00). Pre-painted in BLACK
Wheels	JINGU 22.5 x 8.25 10-bolt hub-piloted wheels, with 5 hand holes and TR572 valve. Pre-painted in WHITE
Tires	WESTLAKE 11R22.5-14PR tubeless type
Electrical	PHILLIPS molded seal wiring harness, PSI connector, and GPS (10-year warranty). Optronics LED lights (amp connections for S/T/T lights and .180 bullets for others). Anti-theft design used for 4" LED lighting
Electrical Receptacle	PHILLIPS 15-7292 zinc alloy material with solid pins
Paint	Abrasive blast of all metal surfaces, no less than SA-2.5 to achieve clean bare steel. The surface will be coated with electrophoretic primer and top powder coating. BLACK color, and in the corner painted YELLOW. Total thickness will not be less than 80µm after dry film. 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 EXTENSION

Extends from the rear support within the ICC bumper wrap. The plate must contain the fleet number and rear license plate.



· PAINT

The total thickness will not be less than 80µm after the dry film. Coating supplier: PPG (7-year warranty).



· BULL GPS

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



· WHEELS

JINGU 22.5 x 8.25 wheels with 10 studs, hub-piloted, 5 hand holes, and TR572 valve. Pre-painted in WHITE.



· LEG SUPPORTS

AXN FW32E00J with a capacity of 60,000 pounds, 2 speeds, and a 17" travel distance with low-profile "T" shoes. Leg support brackets are bolted to the main crossmember as per design.





· **SUSPENSION SYSTEM**

AXN tandem mechanical suspension, raised configuration with 3-leaf high arch springs (354-00). Pre-painted in BLACK.



· **REAR REINFORCEMENT**

Upper plate of 8" width x 3/8" thickness with lower "U" shaped channel of 7" width x 6-5/8" depth x 1/4" thickness.



· **ELECTRICAL SYSTEM**

PHILLIPS molded cable harness, PSI and GPS connector. (10-year warranty). OPTRONICS LED lights (amp connections for S/T/T lights, .180 bullets for others). Anti-theft design used for 4" LED lighting.



WORKING WITH THE BEST



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