



BULL CHASSIS

## 33' SLIDER TRI-AXLE CONTAINER CHASSIS



### SPECIFICATIONS

#### 1.- OBJETIVE

This chassis is designed for transporting a 20' ISO container. This chassis meets all DOT, AAR, ANSI, TOFC, FMVSS, SAE and TTMA specifications.

#### 2.- GENERAL

<b>Total length</b>	33' (retracted) or 41' (extended)
<b>Total width</b>	96"
<b>Fifth Wheel Height:</b>	48 ± 1"
<b>Rear Deck Height</b>	52 ± 1"
<b>Location of kingpin</b>	15"
<b>Location of landing gear</b>	112" (From the kingpin center)
<b>Location of tridem</b>	16" (From rear face of rear bolster to rear axle center when extended)
<b>Axle Spread</b>	54.5" + 54.5"
<b>Tare weight</b>	10,700 lbs ± 2%
<b>Payload</b>	67,200 lbs

### 3.- STRUCTURE AND COMPONENTS

<b>Main Beam</b>	Fabricated I-beam with high strength Grade 80 steel.
<b>Upper Coupler</b>	5/16" pick up plate with JOST 2" diameter square type kingpin per SAE standard, 380-420 HB, with 2" water drain holes, design to be integrated with main frame through welding.
<b>Cross Member</b>	3/16" thick x 3" wide x 9" deep channel with profiled bar type diagonal brace.
<b>Bolsters</b>	8" wide x 3/8" thick top plate with 7" wide x 6-3/4" deep x 5/16" thick "U" type bottom channel.
<b>Slider Beam:</b>	10" deep x 5" wide fabricated rectangular tube.
<b>Landing Gear</b>	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 welded on the main beam as the layout.
<b>Twist Locks</b>	<b>TOCA 905-130-000-90-LH/RH</b>
<b>Suspension</b>	AXN 54.5" tri-axle, underslung configuration with high arch single leaf spring (360-00). Pre-painted BLACK color.
<b>Axle</b>	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 (2 abs ready front and rear, 1 non abs mid per unit).
<b>Wheel End</b>	AXN Hub & Drum Assembly P/N H30-0647BFNTZ/H30-0647BFNZ, 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).
<b>Lubricant</b>	Petro Canada precision synthetic EP 00 semi fluid grease lubricant.
<b>Wheels</b>	JINGU 22.5 x 8.25 10-stud hub-piloted wheels with 5 hand holes and with TR572 valve stem. Pre-painted WHITE color.
<b>Tires</b>	WESTLAKE 11R22.5-14PR, tubeless type.
<b>Brake System</b>	SEALCO 110800 spring brake priority valve system and WABCO 4S/2M 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.
<b>Electrical</b>	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.
<b>Electrical Receptacle</b>	PHILLIPS 15-7292 zinc alloy material with solid pins.
<b>Paint</b>	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: NOROO (7-year warranty).
<b>Bull GPS</b>	Real-time tracking, geofencing, configurable alerts, 4G LTE and Bluetooth connectivity, sensor equipment, and comprehensive reports

· CHASSIS

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· 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.



· REAR BUMPER:

4" x 4" square tube step with taper "H" section vertical member. Bar is welded to uprights and main beam.





· **FRONT LOCKING PIN:**

T8" wide x 3/8" thick top plate with 7" wide x 6-3/4" deep x 5/16" thick "U" type bottom channel.



· **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 (2 abs ready front and rear, 1 non abs mid per unit).



· **BOLSTERS:**

SEALCO 110800 spring brake priority valve system and WABCO 4S/2M 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.



## WORKING WITH THE BEST



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