



BULL CHASSIS



20' SL Tandem



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

OVERALL LENGTH: 23'-8" or 27'-8" (extend)

OVERALL WIDTH: 96"

OVERALL HEIGHT: 59"

FIFTH WHEEL HEIGHT: 48 ± 1"

REAR DECK HEIGHT: 52 ± 1"

KINGPIN LOCATION: 30" (From the center of the front bolster)

LANDING GEAR LOCATION: 190" (From the kingpin center)

TANDEM LOCATION: 54" (From rear face of rear bolster to rear axle center when retracted)

AXLE SPREAD: 49"

TARE WEIGHT: 6,900 lbs±2%

PAYLOAD: 67,200 lbs (30,480kgs)



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MAIN BEAM: W12@19lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent

CROSS MEMBER: 3/16" thick x 3" wide x 9" deep channel with profiled bar type diagonal brace.

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.

UPPER COUPLER RAILS: Fabricated steel

FRONT BOLSTER: A572 grade 50 steel U form channel 7" wide x 6" high x 5/16" thick open section. 3/8"x 8" top plate

REAR BOLSTER: A572 grade 50 steel U form channel 7" wide x 7" high x 5/16" thick open section. 3/8"x 8" top plate

SLIDING SUSPENSION FRAME: Rectangular tubing 6" x 4" x 5/16", ASTM A572 Grade 50 or equivalent

Easily operated self-locating and self-locking spring loaded pin mechanism is used to lock the frame.

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

LICENSE PLATE BRACKET: Extending from rear bolster within envelope of ICC bumper. Plate is to contain rear cluster lights, rear fleet number & license plate.

TWIST LOCK: TOCA 905-130-00-90-LH/RH

LANDING GEAR: AXN FW32E00J with 60,000 lbs capacity, 2-speed 19" 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.



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SUSPENSION:

AXN mechanical tandem suspension, overslung configuration with low-arch 3-leaf spring (356-00). Pre-painted **BLACK** color.

AXLES:

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: 270 degrees FRONT, chambers UP (1 abs ready front, 1 non abs rear per unit).

WHEEL END:

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).

LUBRICANT:

Petro Canada precision synthetic EP 00 semi fluid grease lubricant.

WHEELS:

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

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.



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ELECTRICAL RECEPTACLE: PHILLIPS 15-7292 zinc alloy material with solid pins.

DOCUMENT HOLDER: PHILLIPS 16-802. Installed on roadside near crank handle.

CONSPICUITY TAPE: "3M" brand. Installed per federal regulations.

PAINTING: Abrasive blast of all metal surfaces - not less than SA-2.5 to achieve clean bare steel.

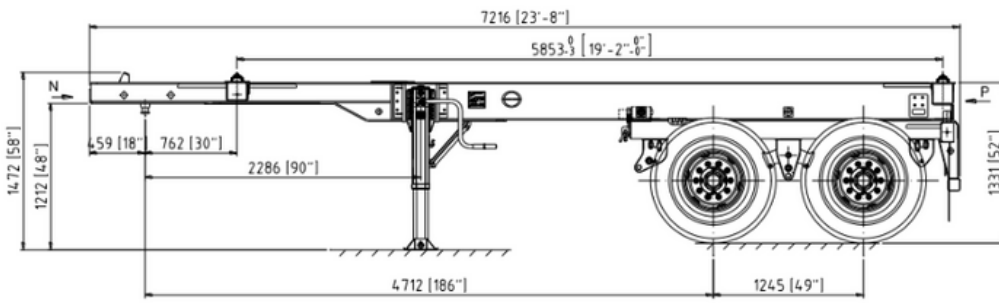
Surface will be coated with electrophoresis primer and powder topcoat. Color **BLACK** and at the corner painted **YELLOW** color. Total thickness not less than 80µm after dry membrane.

Coating supplier: **PPG** (7-year warranty).

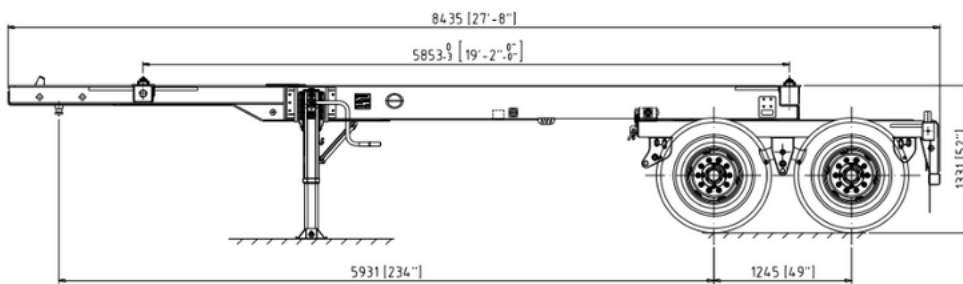
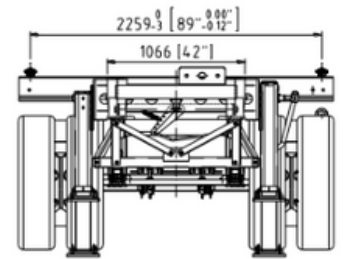




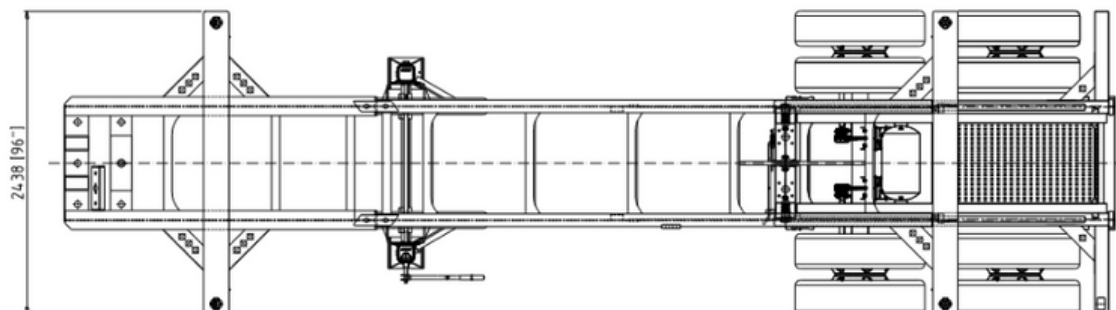
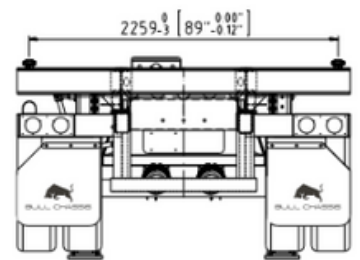
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