



Specifications

TRI AXLE 20' CONTAINER CHASSIS

FUNCTION

Carries one (1) 20' ISO container.

Meets all TOFC, AAR, DOT, FMVSS, ISO, ANSI, SAE and TTMA specifications

DIMENSIONS

Overall Length:

33'

(Excluded rear bumper)

Overall Width:

96"

Fifth Wheel Height:

48"±1"

Rear Deck Height:

53-1/4"±1"

Kingpin Location:

15"

(From front face of front end)

Axle Spread:

54-1/2"

Tridem Location:

80-1/8"

(From rear end to tridem center)

Tare Weight:

11,100 Lbs(±2%)

Gross Vehicle Weight Rating:

78,300 Lbs

GENERAL

Material:

High strength GR80 steel for main beam, GR50 steel for other parts.

Painting:

Valspar Zinc-rich primer and Urethane based topcoat. Color black.

Main Beam:

14" deep x 5-13/16" wide fabricated H-beam consisting of 1/2" flange and 5/16" web .

Slider Beam:

10" deep x 5-13/16" wide fabricated H-beam consisting of 1/2" flange and 5/16" web.

Crossmember:

1/4" thick fabricated channel type with triangular steel gussets.

Upper Coupler:

5/16" thick w/ 2" dia. drain holes, reinforced by 1/4" thick channel type kingpin supporters. Holland 2" AAR certificated kingpin.

Bolsters:

3/8" thick x 8" wide top plate with 7 1/4" wide x 7 1/4" deep x 5/16" thick "U" channel.

Rear Bumper:

4" x 4" square type step bar supported by "C" type posts.

Twist Locks:

Schulz F77ANS.

Landing Gear:

JOST 50,000 lbs capacity, 2-speed 19" travel, low profile sand shoe.
Roadside crank handle.

Suspension:

Hutch mechanism tridem suspension w/ spring 324-01, 54-1/2" axle spread.

Axles:

Meritor 5" round axles with 22,500 lb capacity, 71-1/2" track,
Haldex 28 spline, 6" automatic slack adjusters. 16-1/2" x 7" Q Brake.

Lubricant:

Stemco grease seal, Mobilith SHC 007 synthetic grease lubricant with Metal Hubcap.

Hub & Drum:

Heavy duty 16-1/2" x 7" cast steel brake drums with 5 spoke cast wheels.

Wheels:

Jingu 22.5 x 8.25 five spoke cast steel wheels.

Spacers:

Centurion 20"x4" spacers.

Tires:

Westlake 11 - 22.5 tubeless type.

Brake System:

Haldex 4S/2M ABS brake system, spring brake priority
Phillips aluminum die cast gladhand and Haldex type 3030 2.5" stroke brake chamber.

Electrical:

Truck-lite 12 volt incandescent lighting system with Phillips QCS2 modular harness.

MISC:

Marking, Conspicuity tape, Document holder, 24X24 Black rubber mud flap.

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