

40' CB Tridem - CB403P5DF00 (Hutch)

1. Function

Carries one (1) 20' loaded, one (1) 40' loaded or two (2) 20' empty ISO containers. Meets all TOFC, AAR, DOT, FMVSS, ISO, ANSI, SAE and TTMA specifications

2. General

Axles:

Overall Length: 40' 11" extended/ 31' 7" retracted (Excluded rear bumper)

 Overall Width:
 96"

 Fifth Wheel Height:
 47"±1"

 Rear Deck Height:
 48"±1"

Kingpin Location: 17 1/2" (From rear face of front bolster)

Axle Spread: 6:

Tridem Location: 25" (From rear face of rear bolster on slider to rear axle center)

Tare Weight: 10,600 Lbs. (±2%)

Gross Vehicle Weight Rating: 20' loaded 77,000LBS; 40' loaded 85,000LBS

3. Steel Structure & Components

Material: High strength GR50, GR80 and GR130 steel

Painting: E-coat primer (min. 20μm) and Powder coating topcoat (approx. 60μm). 7 years warranty

Topcoat color: Black RAL 9005

Metal preparation: Commercial abrasive blast of all metal surfaces to achieve clean bare steel.

Four (4) corner portions on front and rear bolster, touching corner casting of container, shall be painted as Yellow RAL

1018

Main Beam: 16" x 5" fabricated I-beam with high strength flanges, 6 11/32" hight for GN rail

Slider Beam: 14 3/4" deep x 5" wide fabricated I-beam, 2-pin locking system

Crossmember: 3/16" and 1/4" thick fabricated channel type with triangular steel gussets

Upper Coupler: 1/4" thick pick up plate w/ 2" dia. drain holes, reinforced by 1/4" thick channel type kingpin supports

SAF-Holland, Jost or Wallace Forge 2" AAR certificated kingpin

Front Bolster: Dual position for front 20' empty container and 40' loaded container

Intermediate Bolster: Fabricated with retractable twist locks, Hi-Lo intermediate bolsters fabricated with swing down twist locks

Rear Bolster: 65/8" height x 4" wide fabricated box beam bolster with flip-up twist locks

Rear Bumper: The bumper step should be designed so that the legally mandated reflective tape is mounted in a recessed area, to

prevent reflective tape damage
The step guard is 3/16" x 4" x 4" square

Twist Lock: Schulz or Buffers compact retractable twist locks

Landing Gear: JOST A440 series landing gear, 62,500 lbs. lift capacity with 100 ft-lbs. input torque, 170,000 lbs. maximum static load

rating, 33,000 lbs. side load capacity. 2-speed 17" Travel. Square leg 10" x 10" square low-profile sand shoes and solid

axles

The centerline of the landing gear shall be located 100 1/2" from the centerline of king pin.

Landing Gear Support Bracket: 50.7874" mounting distance (distance between mounting surface of landing gear support brackets)

1/4" thick high tensile steel "deep" channel type bracket with two gussets each side Supported by angle brace and C channel brace

Suspension: Hutch tridem underslung mechanical suspension with fabricated hangers - Huck Bolts

3/4" spring seat height, 61" axle spread, 36" spring center

Standens 360-00 single leaf high arch spring or Dayton equivalent Meritor 5" round axle with 22,500 Lbs. capacity

71 1/2" track with intermediate long 28 spline cam shaft

Cam rear & Rod under axle orientation

16 1/2" X 7" Q+ Brake

Wheel End: Meritor Axlepak 5 wheel end package

 $\label{prop:condition} \textit{Fumaq ferrous hub, } \textit{Automated/Frum/CIMC cast drum or equivalent}$

Meritor branded bearing (Manufactured by C&U) HM212049/HM212011 HM218248/HM218210

National - 5 star gold 380025TX seal

Hub Cap: National - 5 star gold HWGOP-609 vented grease hub cap or Stemco equivalent

Chevron DELO SF Grease

Rims: Jingu 8.25 x 22.5 steel, hub-pilot disc wheels with 5 hand holes or Accuride, Sunrise equivalent, White

Tires: Westlake 255/70R22.5 tubeless type, 16 ply, CR976A or Linglong, Double Coin equivalent

Brake System: Wabco 4S/2M ABS brake system

Sealco Spring Valve 110800

Haldex 3030 2.5" stroke brake chamber Haldex 5.5" ASA 28 spline 409-20002 Hoosier air tank HT-9501 or Sanborn equivalent Phillips Gladhand 12-0061, 12-0081 & 12-0101

Tremac Sloan fitting

Electrical: Phillips harness with integrated Phillips 16-724 receptacle

Phillips 3/4" marker light and ABS light with 2" flange Phillips 4" Stop/Turn LED tail lamp with anti-theft plate

Phillips 2.5" Rectangular LED license lamp

CIE standard marking includes: 1 FMCSA decal, 1 Vin Plate, 1 suspension torque decal, 1 BIT decal (if applicable), 1
ABS warning decal, 1 "Do not weld" decal, 2 tare weight decals, 1 Grease decal, 1 Axle maintenance decal, 2 CIE logo
side, 2 CIE logo rear, 2 Pioneer logo, 1 loaded container left, 1 loaded container right, 1 empty container left, 1 empty
container right, 1 lock pin operation decal, 1 air lock decal, 1 air chamber warning decal, 2 slider hose warning decal
side, 1 slider hose warning decal front, 1 ABS decal, 1 Tire Pressure decal
Avery conspicuity tape
Phillips 16-802 document holder
Gorilla 24" x 18" CIE logo mud flap