



40' CB Tridem - CB403P5DF00 (Hutch)

Specifications

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

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:	61"
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" high 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:	6 5/8" 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 Schulz or Buffers compact retractable twist locks
Twist Lock:	
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. 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
Landing Gear Support Bracket:	
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
Axles:	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 Fumaq ferrous hub, 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 HWG0P-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



MISC:

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

Release on 03/16/2023

Revision Log:

Rev. 1 - First Release apply to CE40CB3P5DF03

Checked and Approved (CIE):

Zhicheng Feng 03/16/2023

Checked and Approved (Customer):

