

**1. FUNCTION**

Carries one (1) 20' or (1) 40' ISO container

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

**2. DIMENSIONS**

<b>Overall Length:</b>	40' 5-3/4" extended / 30'10-1/2" retracted	(Excluding rear bumper)
<b>Overall Width:</b>	96"	
<b>Fifth Wheel Height:</b>	47"±1"	
<b>Rear Deck Height:</b>	48"±1"	
<b>Kingpin Location:</b>	24"	(From rear face of front bolster)
<b>Axle Spread:</b>	49"	
<b>Tandem Location:</b>	54"	(From rear axle center to rear face of rear bolster)
<b>Tare Weight:</b>	7,500 lbs (±3%)	
<b>Gross Vehicle Weight Rating:</b>	52,300 lbs for 20'container	
	72,800 lbs for 40'container	

**3. STEEL STRUCTURE & COMPONENTS**

**Material:** High strength GR50,GR80,GR130 steel.

**Painting:** E-coat primer (minimum 20µm) and Powder coating topcoat (minimum 60µm).  
7 years warranty. Color black.

**Main Beam:** W12 @19lb/ft hot-rolled H-beam.

**Extension Beam:** Fabricated 8-1/4" x 5-1/4" "H" beam with 3/8" thick flanges

**Locking Sys.:** Two (2) air operated locking pins, activation of locking pins through third gladhand on the front bolster.

**Crossmember:** Fabricated channel type not less than 3/16" thick.

**Upper Coupler:** 5/16" thick with 2" dia. drain holes, reinforced by 1/4" thick channel type kingpin supporters.  
2" AAR certificated kingpin.

**Front Bolster:** 6" wide x 10" high x 3/16" thick open section. Its rear web shall be tapered forward at the top to provide a container gather in a stevedoring operation.

**Center Bolster:** 5-7/8" wide x 3/8" thick top plate with 5" wide x 5" deep x 5/16" thick "U" type bottom channel.

**Rear Bolster:** 8" wide x 3/8" thick top plate with 7" wide x 7" deep x 1/4" thick "U" type bottom channel.

**Rear Bumper:** 4" x 4" square type step bar supported by H type posts.

**Locking device:** Two (2) Buffers 1213 front locking pins on front bolster and two (2) Buffers 3843R on middle bolster and two (2) Buffers1207 twist locks on rear bolster.

**Landing Gear:** Holland 55,000 lbs capacity,2-speed 17" travel, low profile sand shoe.  
Roadside crank handle.

**Suspension:** Holland tandem 49" axle spread, mechanism suspension with spring 354-00.

**Axles:** Holland 5" round axles with 22,500 lb capacity, 71-1/2" track,  
Haldex 28 spline, 5.5" automatic slack adjusters. 16-1/2" x 7" Q Brake.

**Lubricant:** Stemco seal, Mobilith SHC 007 synthetic grease lubricant with metal hubcap.

**Hub & Drum:** 10 stud hub piloted hubs with outboard mounting cast steel drum.

**Rims:** Alcoa 22.5 x 8.25 hub-piloted aluminum rims.

**Tires:** Westlake, 295/75R22.5 tubeless, 14 ply, CR915.

**Brake System:** WABCO 2S/1M ABS brake system, spring brake priority  
One (1) air tanks of 2,800 cu-in capacity,Philips gladhand, 3/8" air tube and hose.  
30/30 2.5" stroke gold seal brake chamber.

**Electrical:** Truck-Lite 12 volt LED lighting system with Phillips modular wiring harness.  
The theftproof design used for 4" LED lighting.

**MISC:** CIMC standard marking, Conspicuity tape, Document holder,  
24" X 30" Black rubber mud flap with CIE logo.

**Option:** PSI tire inflation system, with LED indicator lamp. Without Thermo-Alert.

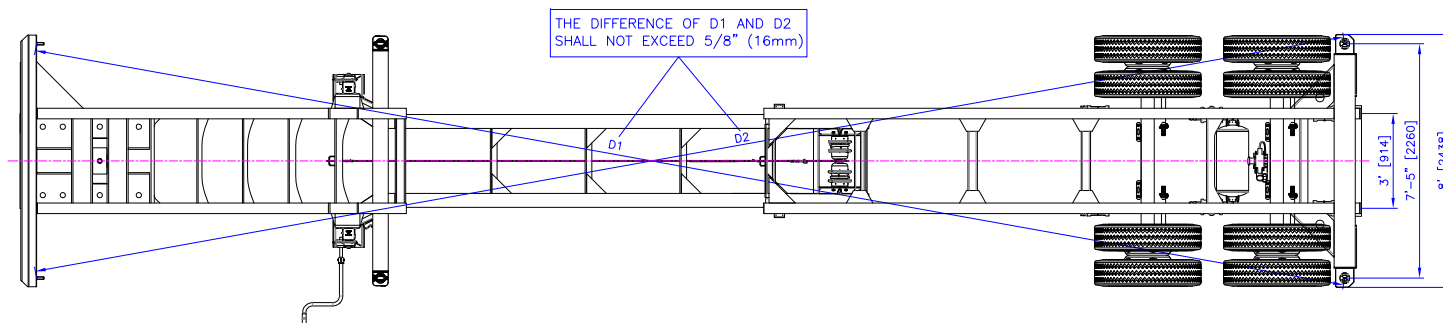
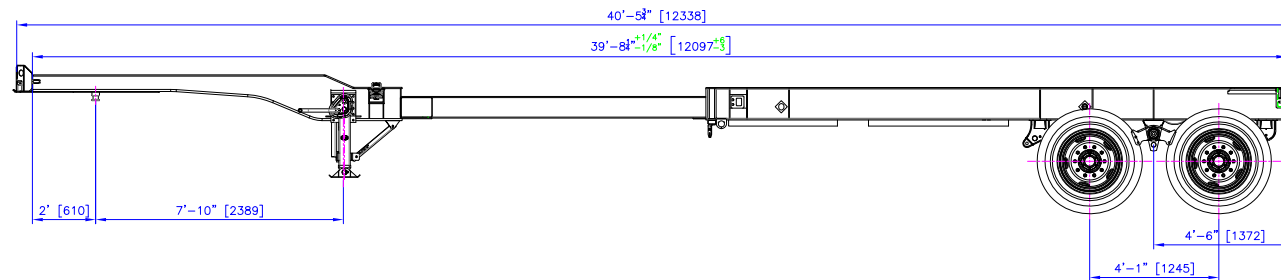
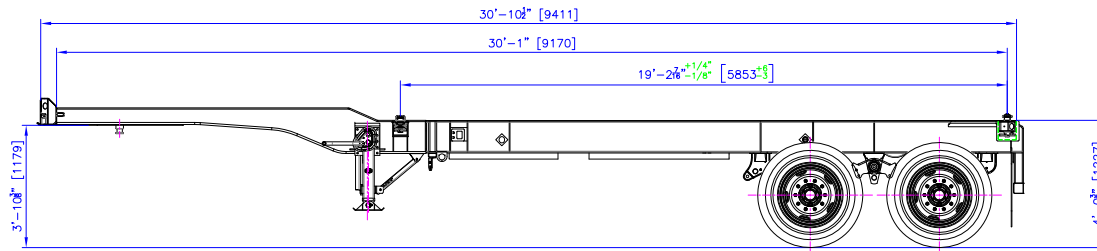
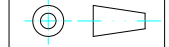
**DISCLAIMER**

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical. Equipment availability, prices and specifications are subject to change without notice.

Dwg No.:

SYM	QTY	CODE	SIGN	DATE

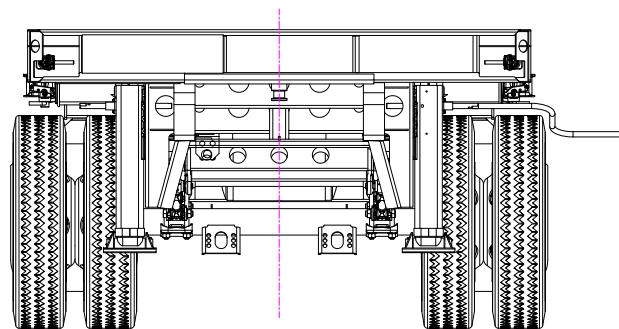
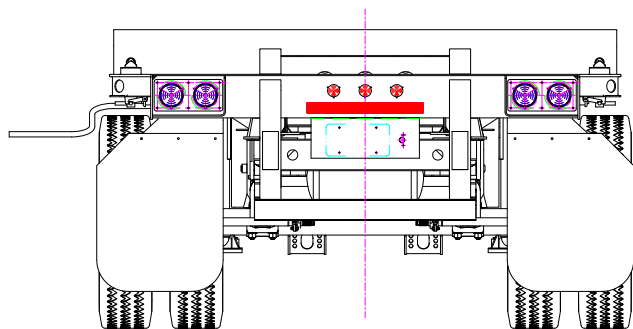
First Angle Projection



THE DIFFERENCE OF D1 AND D2 SHALL NOT EXCEED 5/8" (16mm)

REAR VIEW  
1:25

FRONT VIEW  
1:25



CIMC CIMC VEHICLES GROUP CO., LTD. - SCVC

Title: 20/40' City Combo Tandem Chassis

Drawn: \_\_\_\_\_ Mat'l: \_\_\_\_\_ Scale: 1:50

ENG. Check: \_\_\_\_\_ Wt(kg): \_\_\_\_\_

PROC. Check: \_\_\_\_\_ Dwg No.: \_\_\_\_\_

STD. Check: \_\_\_\_\_ Sheet 1 of 1

Approved: \_\_\_\_\_ Revision: \_\_\_\_\_