

Planet

Galaxy

Star

Lunar

Globe



Optimized Strong Structure



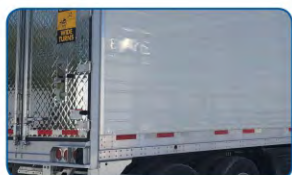
Heavy duty duct floor with safety grips



All galvanized bolt on structure with outboard reinforcement, strength exceed US DOT and Canadian DOT



All galvanized bolt on landing gear assembly with integrated wing plate and reinforced K bracing to have better strength



Doubler plate at rear interior side wall to prevent dock impact at rear case

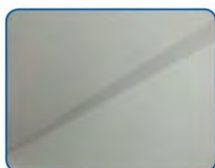


High base rail as standard for strong side wall structure



Extra gusset and a set of modification of reinforcement on OHD rear frame present stronger structure

Unique Specific Features



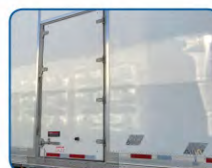
One piece cove molding to avoid the moisture to creep into the foam



All galvanized crossmembers for better anti-corrosion function



Integral lockrod with ATA structure to avoid pilferage



Door lock and hinges of side door are flush with the side wall

Superior Thermal Performance

- ✦ Doubler seal of refrigeration opening, increase thermal efficiency and reduce air loss
- ✦ Superior insulation foaming technology, no foam voids lead to better sealed efficiency
- ✦ The maximum insulation filled in the floor, lower TRU operating cost
- ✦ No direct attachment between the track and the side post in order to provide good insulation
- ✦ Plastic stringers behind side scuff to reduce thermal conductivity

CIMC REEFER TRAILER INC (USA)

IN Plant :

717 East Quarry Road
Monon, IN 47959

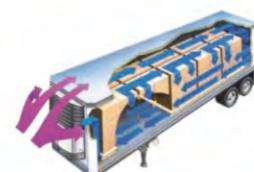
CA Plant:

22101 Alessandro Blvd.
Moreno Valley, CA 92553

CIMC REFRIGERATED TRAILER CO.,LTD(CANADA)

ON Plant:

21 UBE Drive unit #2,
Sarnia ON N7W 1B6




STANDARD FEATURES

- ❖ Pre-Painted White Aluminum Front, Side & Rear Door.
- ❖ 0.065" High Impact Resistant Interior Linings for Reduced Damage
- ❖ Comb-Style Stainless Steel Rear Frame, 4-Inch Header, Recessed Buckplate.
- ❖ 4.25" Deep Upper Coupler with AAR Kingpin, Air Ride Suspension with Tandem Axle.
- ❖ 4" Deep Steel I-Beam Over LG & Slide Rail, 5" Deep Aluminum I-Beam in Bay Area.
- ❖ Reinforced Forklift Package at Rear, Seal & Long Life Wiring System.
- ❖ 1.38" Extruded Aluminum Duct Floor with Knurled Surface, 18,000 Floor Rating.
- ❖ Stronger Composite Floor Sills. Extruded Aluminum Floor Insert, (4) Dock Plates at Rear

SPECIFICATIONS
**COOL GLOBE
R8000B**
GENERAL

Length	Exterior: 53'	Interior: 52'2"
Width	Exterior: 102.36"	Interior: 97.75" lining to lining
Height	Exterior: 13'6"	Interior: 104.5"
Door Opening	Width: 98"	Height: 103"

REEFER BODY CONSTRUCTION

Side Sheets	0.040" pre-painted white aluminum side sheets with corrugations.
Side Posts	1" deep extruded aluminum J post with serrated surface on 12" centers nose to rear main beam, 16" to rear of LG and 24" centers to rear.
Top Rails	Unique top rail consists of two pieces heavy duty extruded aluminum rails for stronger structure and easier maintenance.
Roof	One-piece 0.025" thick aluminum sheet. Embedded roof bows eliminate any heat-bridge effect for better insulation.
Roof Bows	Structural 1.13" extruded aluminum J roof bow on 48" centers pre-riveted to form an integral frame for greater stiffness & maximum strength and prevent potential delamination.
Nose	0.040" pre-painted white aluminum front sheet with a large refrigeration unit opening. All-steel nose uprights inside produce very strong structure. Hot dipped galvanized unit frame support. 5" radius heavy duty extruded aluminum nose corner with high-gloss stainless steel cover sheet.
Rear Frame	The sturdy comb-style rear frame is designed and fabricated of formed stainless steel. Completely recessed buckplate for Stop/Tail and Turn lights. Vertical stiffeners between lights.
Rear Doors	0.040" pre-painted white aluminum outer sheets. Rivetless door panel design, injected Sandwich foaming features and a multi-ply tight seals provide better insulation. One easy-operating hot dipped galvanized lock rod and five heavy duty extruded aluminum hinges per door are standard. Torx bolts and Lock-bolts for anti-theft and strength. A 30" stainless steel grab handle is installed on roadside door.

Linings	Sides: 0.065" Composite liner	Rear doors: 0.065" Composite liner
	Front: 0.065" Composite liner	Ceiling: 0.065" Composite liner

Foaming & Insulation	Computer program controlled high pressure polyurethane injection system fills entire mould without cavitation. 2" thick sidewalls, 4" thick nose, 3" thick rear doors, 2.5" thick floor and roof.
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Prep for Unit	High strength nose structure with hot dipped galvanized unit frame and CIMC double seal gasket design. Three (3) "Z" steel posts in front wall.
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UNDERFRAME

Upper coupler	4-1/4" deep full width upper coupler with large approach angle by high strength steel, including 3/16" thick approach plate, 1/4" thick grid plate and 5/16" main channels. The new type coupler is tested to exceed AAR requirements. AAR Kingpin.
Crossmembers	3.76" deep heavy duty extruded aluminum hat crossmembers on 12" centers between upper coupler and landing gear. 4" deep high tensile steel 80ksi yield I-beams on 12" centers over landing gear and rear slide rails. 5" deep heavy duty extruded aluminum "I" crossmembers on 12" --

Floor
Scuffbands
Landing Gear
Rear Bumper
Slider Subframe
Wheels
Tires
Axles
Brakes
Wheel Ends
ABS System
Wiring Harness
Lights
Undercoating
Decals
Miscellaneous
Warranty

--centers in bay area. Three (3) extra 4" deep steel I-beams on 6" & 10" centers in rear 72" to provide exceptional strength for anti-impact of severe loading and unloading conditions. Standard 216" slide rail with 102" suspension travel. Prep for fuel tank installation.

1.38" heavy duty extruded aluminum duct floor with special knurling surface for all direction anti-slip. Stronger composite floor stringers are installed over every I-beam full length for better strength to weight ratio. Extruded aluminum I shaped inserts extend 48" into the duct at the rear 72" width of trailer for fork lift impact. Aluminum front & rear gutters with drains. 0.040" one-piece composite plate. 18,000 lbs floor rating.

12" high extruded aluminum with channel at the top for recessed lining. Patented buckle and fastener hidden design prevents moisture and water entry and provides greater durability.

Two speeds, 50,000 lbs capacity support legs with 10" square cushion foot. RS crank handle, AAR rated. Hot dipped galvanized K-braces & skirt plates with formed surface & bolt-on pads for added strength.

D.O.T. approved hot dipped galvanized rear bumper. The welded horizontal beam features a pre-punched anti-skid surface and recessed area for conspicuity tape, bolted on to rear verticals and slide rails. An additional bolt on intermediate step adds strength and stiffness.

SUSPENSION

Air ride slider with anti-dock-walk suspension consisting of 48-inch wide slide boxes and 49-inch axle spacing, 77.5-inch wheel track width. Steel hub piloted disc wheels 22.5"x8.25" with outboard mounted brake drums. Powder-coated white.

Standard 295/75R22.5 low pro 14Ply

Round axle, parallel spindle, 77.5-inch axle track.

16.5-x7-inch brakes.

Stemco PPS Plus- 5Y warranty.

BRAKE & ELECTRICAL SYSTEM

2S-1M ABS. Non-swivel gladhands, overlaid mounted on RS nose

Phillips moisture resistant and long life harness, 7-Way with spit pins.

Truck-Lite LED lights. Three (3) Stop / Tail and Turn lights each side are fully recessed in buckplate.

PAINT & FINISH

Steel Crossmembers hot dip galvanized coatings prior to installation. Landing gear and running gear areas painted with black non-hardening rust preventative.

Installation FHWA inspection sticker and customer furnished decals.

Truck-Lite document holder mounted on RS nose, white plastic mudflaps with blue "CIMC Vanguard" logos installed on rear slide subframe. Galvanized steel license plate bracket under the sill.

WARRANTY

Limited five year warranty. For detailed information please contact sales team in U.S.