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Prep. by: Jeffery Du

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CIMC REEFER TRAILER INC.

<u>TRAILER ITEMS</u>	<u>SPECIFICATION DESCRIPTION</u> (CIMC Spec)	<u>CUSTOMER REQUIREMENTS</u> (Deviations)	<u>CIMC COMMENTS</u>
Nose Thickness	4.0"		
Rear Door Thickness	2-1/2"		
Floor Thickness	3.0"		
Side Door Thickness	None		
Miscellaneous Text			
SIDEWALLS			
Side Sheets	0.040" pre-painted white aluminum side sheets		
Side Sheets Texture	■ Flat		
Top And Bottom Side Rails	Heavy-duty extruded aluminum.		
Side Upright (Post)	1" aluminum "J" section posts, on 12" centers from nose to main beam, 16" to rear of Landing Gear and on 24" centers rest.		
Logistic Tracks / Vertical Posts	Two(2) rows galvanized E-tracks recessed at 30" and 60" from floor to centerline of tracks, full length.		
Doubler Plate	One alum doubler plate at rear sidewall both sides.		
Miscellaneous Text			
SIDE DOOR			
Side Door Quantity & Location	None		
Side Door Access System	None		
Miscellaneous Text			
ROOF			
Roof Skin	0.025" one-piece mill aluminum roof sheet with No ribs.		
Roof Bows	1.13" extruded aluminum J-beam on 48" centers.		
Miscellaneous Text			
NOSE			
Nose Sheet	0.040" pre-painted white alum outer sheet		
Nose Corner Posts	1/8" extruded alum 5" radius front corner post		
Nose Corner Post Cover Sheet	■ High glossy stainless steel inserts		
Nose Corner Protection	18" high x 1/8" thick alum diamond protect plate at upper radius corner		
Nose Uprights	(3) 1-1/2" deep steel "Z" shaped front wall post w/ (2) add'l 2" deep steel reefer unit support posts; Galvanized.		
Nose Prepare for Refrigeration Unit	Cut for Carrier or Thermo King single compartment front mount refrigeration unit; With perimeter PVC two lips for extra insulation.		
Refrigeration Unit Opening Cover	Will install temporary shipping cover if there is no refrigeration unit installed in factory		
Nose Bottom Rail	Extruded aluminum wrap over the steel apron plate of the upper coupler		
Nose Vent	None		
Vent Access System	None		
Miscellaneous Text	Prep corner radius for recessed reefer unit indicator light.		
REAR DOOR			
Rear Door Type	Todcold 2-1/2" OHD		
Rear Door Out Skin	White fiberglass		
Hardwares	Provide equivalent Todco configuration per SPEC B-22064-AM		
Rear Safety Release	None		
Rear Grabhandle on Door	Standard		

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Door Track Protector	48" stainless steel door track protection both sides		
Rear Strip Curtain	None		
Additional Rear Access System	None		
Miscellaneous Text			
REAR FRAME			
Rear Frame	Heavy duty stainless steel rear frame with overhead door; Rear door header wiring is protected with a cover plate with access areas; formed rear posts.		
Rear Bumper / Rear Impact Guard (RIG)	Hot dip galvanized steel with outboard bumper reinforcement, anti-skid horizontal surface & <i>step CS</i> , bolt-on horizontal bumper , DOT certified.		
Dock Rubber Bumpers	One pair of 3.5" rubber bumpers w/two-holes mounted on lower rear at extreme outboard of S/T/T lights. Vertical bars for extra reinforcement		
Additional Rear Access System	Stainless steel grabhandle recessed in corner post CS		
Miscellaneous Text			
LININGS / SCUFF / BULKHEAD			
Sidewall Linings	0.085" Composite liner		
Roof Lining	0.065" Composite liner		
Nose Lining	0.065" Composite liner		
Rear Door linings	with roll up door		
Sidewall Scuff	One row 18" extruded alum w/ corrugation& fastener-hidden full length		
Rear Door Wearband	None		
Floor Start Board	Extruded aluminum welded to the floor full length		
Front Barriers (Pallet Stop)	None		
Miscellaneous Text			
FLOOR			
Floor Type	1.35" extruded alum Grocery flat floor w/knurled feature		
Floor Insert at Rear	60" long extruded aluminum "I" section in center 72" of floor at rear.		
Additional Bearing Sheet	None		
Floor Sills (Stringers)	Composite		
Floor Gutters (Troughs)	<i>Front only</i>		
Floor Drains	(4)--2 front & 2 rear with Kazoo		
Subfloor (Subpan)	0.040" one-piece composite plate		
Dock Plates Over Gutter	<i>None</i>		
Miscellaneous Text			
UPPER COUPLER			
Coupler Type	4-1/4" deep full-width upper coupler		
Kingpin	AAR hardness 2" SAE Kingpin, weld in.		
Main Channels	5/16"-thick steel channel		
Grid (Kingpin) Plate	1/4"-thick steel plate, full width.		
Approach (Pick up) Plate	3/16"-thick steel plate with roll-up lip, full width.		
Conduit	One conduit in the CS of upper coupler for future fuel lines		
Miscellaneous Text			
CROSSMEMBERS			
Crossmembers Ahead of Landing Gear	3.76" deep extruded alum tub/hat section beams on 12" centers		
Crossmembers over Landing Gear	(5) 4" deep steel I-beams on 12" centers, galvanized		

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Crossmembers in Bay Area	5" deep extruded alum I-beams on 12" centers		
Crossmembers over Slide Rails	4" deep steel I-beams on 12" centers, galvanized		
Extra Crossmembers at Rear End	(3) extra typical I-beams at rear 72", galvanized		
Extra Crossmember Ahead of Slide Rails	(1) additional 5" deep extruded alum I-beam		
Slide Rails Length & Suspension Travel	Binkley style 216" long rails w/ 6" increment; 102" (66" to 168") suspension travel		
Extra URG Rail Length	None		
Tire Protector Plate	None		
Anti-Hook Plate	None		
Miscellaneous Text			
LANDING GEAR			
Landing Gear Type	Jost A421		
Footpad Type	10"x10" removeable cushion foot		
LG Mounting Style	Inboard		
Crank Location	Roadside		
Support Legs Bracing	Hot dip galvanized steel "K" channel bracing		
Skirt Plates	Hot dip galvanized steel		
Miscellaneous Text			
SUSPENSION / AXLES			
Suspension	SAF-Holland ULX40 spring ride slide w/air release		
Springs	3 leaf steel springs		
Axle Spacing/Spread	49"(Tandem Axle)		
Axle & Axle Track	As provided with suspension 5-3/4" round & 77-1/2" track		
Axle Wall Thickness	Standard		
Spindle Type	Parallel		
Brake Type	Drum		
Brake Model & Size	16-1/2" x 7"		
Brake Shoe/ Linings	SAF Standard 20K Extended Service		
Slack Adjuster	Haldex SABA slack adjusters		
Air Brake Chambers	Haldex Goldseal 30/30 brake chamber, 2.5" standard/short strokes		
Dust Shields	None		
Tire Inflation System	Install MTIS w/Thermalert		
Miscellaneous Text			
TIRES / WHEELS			
Tires	(8) Yokohama BE 109L, 295/75R22.5		Equivalent to Cooper RM872 295/75R22.5 tires
Spare Tires	None		
Wheels Type	(8) Factory choice 8.25"x22.5" steel disc wheels hub piloted 2HH		
Miscellaneous Text			
WHEEL ENDS			
Hub / Drum	Factory choice KIC or Webb 10 long stud hub piloted cast steel with outboard mounted drum		
Wheel Bearings(Cones) & Races(Cups)	Stemco		
Wheel Lubrication	80W-90 oil lubrication		
Wheel Seal	Stemco Guardian HP		
Hubcaps	Stemco Sentinel		

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Axle Spindle Nuts	Stemco Pro-Torq spindle nut		
Hubodometer	None		
Miscellaneous Text			
BRAKE SYSTEM			
ABS	Haldex 2S/1M		
Quick Release Valve	None		
Gladhands	Phillips non-swivel gladhands w/ screen, surface mounted on an alum extruded RS of nose		
Miscellaneous Text			
ELECTRICAL SYSTEM / LIGHTS			
Wring Harness	Grote moisture resistant harness		
7-way Receptacle	Grote 7-way w/o circuit breakers, split pins, Nylon box.		
Stop / Tail Lamps	(4) Grote LED--2 each side on buckplate		
Rear Turn Signal Lamps	(2) Grote LED--1 each side on buckplate		
Front Clearance Lamps	(2) Grote LED(Y) on front top rail		
Rear Identification Lamps	(5) Grote LED on rear header: --3 STOP/MARKER lights cluster in the middle --2 TURN/MARKER lights outside		
Intermediate Side Lamps (Turn signal)	(2) Grote Combination Turn/Clearance, Yellow; CS & RS center of trailer, mounted on the bracket below bottom rail.		
Front Side Marker Lamps	(2) Grote LED--1 each side on front end of side top rail		
Rear Side Marker Lamps	(2) Grote LED--1 each side on rear lower gusset		
Additional Side Marker Lamps	None		
License Lamp(s)	One(1) Grote on rear license lamp bracket		
ABS Lights	One Grote LED, mounted on the RS rear gusset only.		
Conspicuity Tape	DOT minimum requirement on bottom rail and at rear of trailer.		
Dome Lights	Four(4) Grote motion activated 61H91 lights, 3 in ceiling at 12', 28' and 42' C/L one on C/S wall at rear 18" from door frame and 18" down from ceiling mounted vertically. Domelights to be wired to Phillips Permalogic box #60-2801 without front switch & timer disabled , and then wired to the reefer unit.		Make sure dome lights are staggered not down the center
Miscellaneous Text			
PAINT / FINISH			
Front Finish	Pre-painted white		
Side Finish	Pre-painted white		
Bottom And Top Side Rails	Natural Finish		
Rear Frame Finish	Glass bead shot & Anodized		
Rear Door Finish	Pre-painted white		
Undercarriage Finish	Black undercoat (subframe, suspension, axles and landing gear)		
Crossmembers	Steel crossmembers galvanized		
Wheels Finish	Power coated white		
CIMC Logos Installation	Small logo of name & model placed at the lower front corner on the sidewalls.		
Interior Painting	None		
Inspection Decal	FHWA installed		
Miscellaneous Text			

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REFRIGERATION UNIT INSTALLATION			
Refrigeration Unit & Installation	Factory furnish & install UNIT(incl Light Bar) in factory – Carrier 8500		
Battery	Factory furnish & install BATTERY in factory		
Fuel Tank & Fuel Line	Factory furnish & install alum FUEL TANK in factory		
Fuel Tank Size	■ 50 gallon		
Bulkhead	Factory furnish and install ITP AIR RETURN BULKHEAD in factory		
Air Chute	Factory furnish and install ITP AIR CHUTE in factory		
Inservice	Factory will do inservice in factory		
Tracking System	Activate eSolutions telematics with low fuel sensor included in reefer unit package		
Solar Panel	Install customer supplier Solar Panel		
Rear Standby	Prep conduit and fish wire for rear shore power. Factory furnish and install cable. Local dealer to install rear shore power.		
Miscellaneous Text			
MISCELLANEOUS			
License Plate Installation	Factory install customer supplied license plate		
License Plate Bracket	Galvanized steel bracket; Mounted on the bottom of the rear frame.		
Customer Decal Package	None		
Unit Number	Factory furnish and install UNIT#		
Cardholder	One Truck-Lite #97960 round permit holder; Mounted on lower nose.		
Manifest Box	None		
Placards	None		
Mudflaps / Bracket	White plastic smooth type with H.D.G. steel reinforce straps; Blue "CIMC Vanguard" logo would be printed on it if there were not customer's logo.		
Tire Carriers	None		
Tools Box	None		
Lift Pads	None		
Rub Rails	None		
Miscellaneous Text	Install UA plate and RTF plate		
OPTIONAL AERODYNAMIC FEATURES (SMARTWAY)			
Side Fairings	Transtex Edge Side Skirt E-1330T		
Special Tire & Wheel Configuration	None		
Tire & Wheel Configuration	None		
Miscellaneous Text			
SPEC Confirmation Signature: <div style="text-align: right;">Sep 7, 2022</div> <p><i>These trailer specifications have been reviewed and accepted by:</i></p> <div> Customer : _____ Date: _____ </div>			