

CANADIAN 20/40/45' COMBO TRIDEM W/O GENSET Spec

REV0, Released on September 10th, 2025

1. Model: CTSV/3ASH4512ICA Contract No.: THACOSV-OT-2502 (53/102 UNITS)

This chassis is designed to carry one ISO 20' or 2 x 20' empties or 40' ISO or 45' ISO containers.

This chassis meets all DOT, AAR, ANSI, TOFC, CMVSS, SAE and TTMA specifications.

2. General

Overall Length:	34'-7 1/4" (retracted) or 45'-8" (extended)
Overall Width:	96" (over tire 102")
Fifth Wheel Height:	48 ± 1"
Rear Deck Height:	49.8 ± 1"
Kingpin Location:	17.5" (From the rear of the front bolster)
Landing Gear Location:	106-1/2" (From the kingpin center)
Tridem location:	30" (From rear face of rear bolster to rear axle center when extended)
Axle Spread:	61" + 61"
Tare Weight:	11,400 lbs ± 2%
Payload:	65,100lbs for 20' loaded or 73,100lbs for 40' or 45' loaded

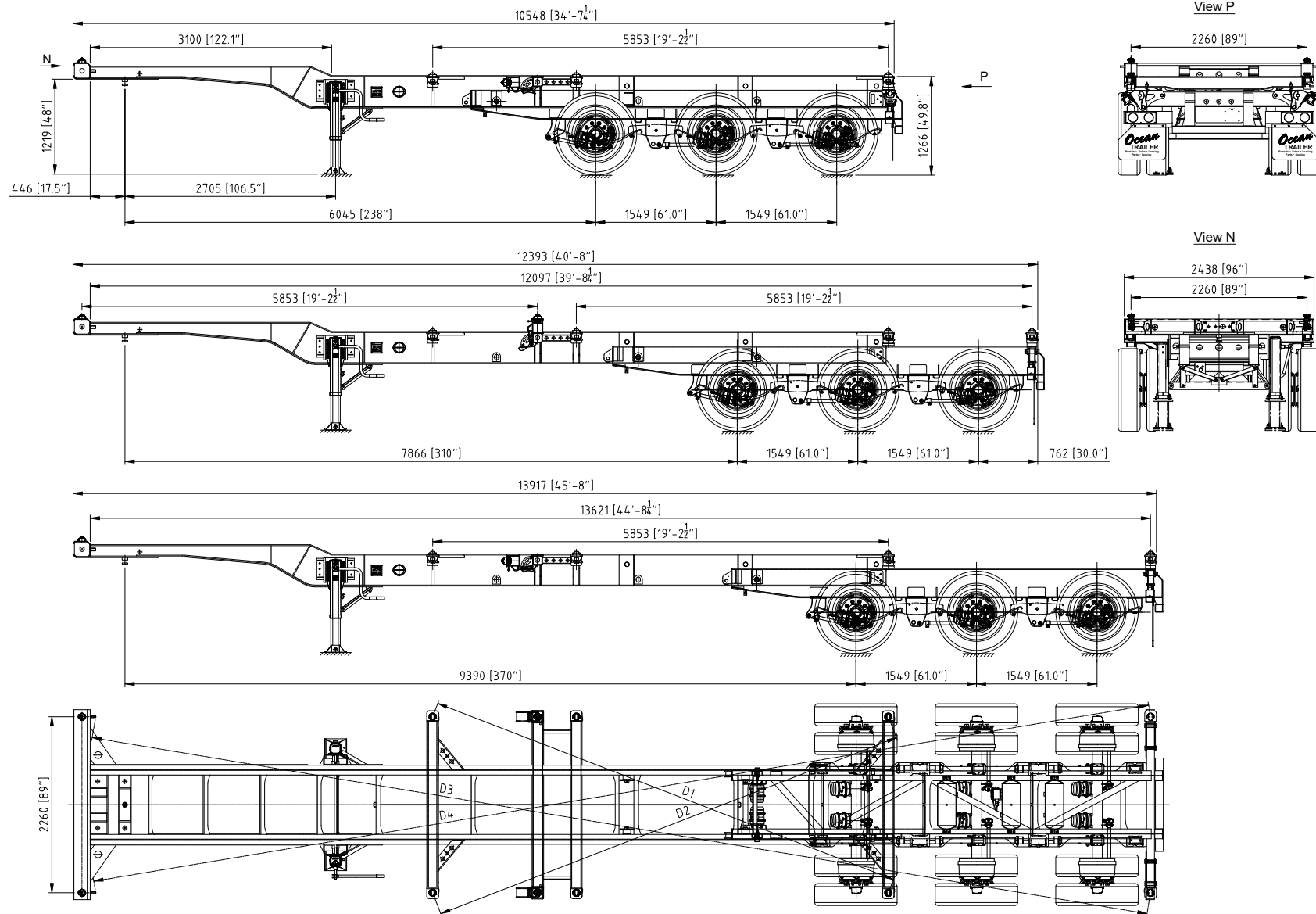
3. Steel Structure & Components

Steel material:	All steel materials supplied from Zero Chinese sources.
Main beam:	16"x5" fabricated I-beam with high strength flanges and 6-11/32" height for gooseneck rail.
Upper Coupler:	5/16" pick up plate with JOST 2" diameter square type kingpin per SAE standard, 380-420 HB, with 2" water drain holes, design to be integrated with main frame through welding.
Front Bolster:	Fabricated bolster assembly with high strength plates with 89" centers, equipped with none retractable twist locks. 7-way receptacle and glad hands are in the center of front bolster.
Intermediate Bolster:	Fabricated with retractable twistlocks with swing down twistlocks.
Rear Bolster:	Tapered rectangle bolster of the main frame fabricated by 3/8" thick top and bottom plate with 5/16" thick side plates. 6-5/8" height x 4" wide fabricated box beam bolster on slider composed by 1/2" thick top/bottom plates with 5/16" thick side plates with flip up twistlocks.
Slider beam:	Fabricated I beam with 3/4"x5" upper and lower flanges and 3/16" web, slider extends or retract on 6" diameter steel rollers.
Locking system:	Air operated locking pins, activated by 30/30 spring brakes on both sides of the trailer through third gladhand on front sill.
Landing Gear:	FUWA FW32E00J with 60,000 lbs capacity, 2-speed 17" travel with low "T" shoes. Crank handle is located on the driver's side of the chassis. Pre-painted BLACK RAL9005 color. Landing gear brackets are bolted on the main beam as the layout.
Container locks:	TOCA
Suspension:	FUWA 61" tri-axle, underslung configuration with high-arch single spring (360-00). Pre-painted BLACK RAL9005 color.
Axes:	FUWA 5" round axles with 22,500lb capacity; 77.5" track; Q+ 16.5" x 7" 4707Q brake, PL244 brake linings. Dust shields. Pre-painted BLACK RAL9005 color. FUWA 5.5" A19-1933 (Chida) with Clevis Kit & Brake stroke indicator. 28-spline Reserved PSI interface; Heat Sensing Labels.
Wheel end:	Axle Installation orientation: chambers DOWN (2 abs ready front and rear). FUWA 20K Hub and brake drum, 10 Hole, 11.25"BC Hub Pilot, HAILIN wheel bearing, FEILUN wheel Seal. FUWA double spindle nuts.
Lubricant:	Mobil SHC220 grease
Wheels:	SUNRISE (Vietnam) 22.5 x 8.25 10-stud hub-piloted wheels with 5 hand holes and with TR572 valve stem. Pre-painted white color.
Tires:	SAILUN (Vietnam) 11R22.5-16PR tubeless type, S665 tread
Brake System:	SEALCO 110800 spring brake priority valve system and WABCO 4S/2M ABS system. PHILLIPS glad hand 12-0061 and 12-0081, TECTRAN 3/8" blue air tube for control and 3/8" red for supply. HALDEX Goldseal T30/30, 2.5" stroke brake chamber. FUWA air tanks.
Electrical:	GROTE mold seal wiring harness, Reserved PSI and GPS connector. GROTE LED lights (amp connections for S/T/T lights and .180 bullets for others). The theft proof design used for 4" LED lighting.
Electrical Receptacle:	GROTE die cast nose box with solid pins.
Document Holder:	PHILLIPS 16-802. Installed on roadside near crank handle.
Conspicuity tape:	" AVERY " brand. Installed per federal regulations.
Painting:	Abrasive blast of all metal surfaces - not less than SA-2.5 to achieve clean bare steel. Surface will be coated with electrophoresis primer and powder topcoat. Color BLACK RAL9005 and at the corner painted YELLOW color. Total thickness not less than 80µm after dry membrane. Coating supplier: Local supplier .
Marking:	OTR configuration (includes Decal, layout, VIN and nameplate).
Tire Inflation System:	NONE
Hubodometer:	NONE
Mud flaps:	18"x24"x0.25" (457x610x6.0mm), BLACK PVC mud flaps with " OTR " logo and address.

THACO INDUSTRIES TRAILERS HEAVY & STEEL STRUCTURES MANUFACTURING LLC.

Add: Chu Lai-Truong Hai Automotive Industrial Zone, Nui Thanh Commune-Da Nang City

4. Layout



confirmed by CUSTOMER

confirmed by THACO TRAILERS