Unit #99614 - 99637

THACO SPECIAL VEHICLES MANUFACTURING LIMITED COMPANY
Add: Chu Lai-Truong Hai Automotive Industrial Zone, Nui Thanh Commune-Da Nang City

CANADIAN DOLLY TANDEM Specification

REV0, Released on Octorber 01st, 2026

1. Model: 2LWG0407000CA-01

Contract No.: THACOSV-OT-2601

This dolley tandem trailer is designed to satisfy with all related requirements of DOT, CMVSS, SAE.

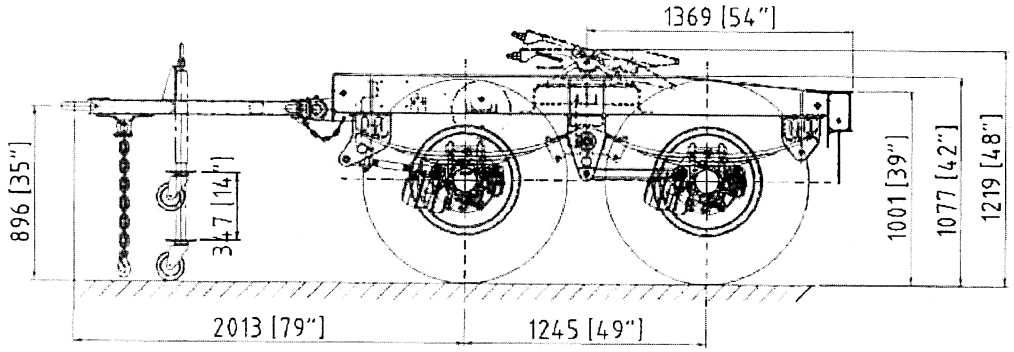
2. General

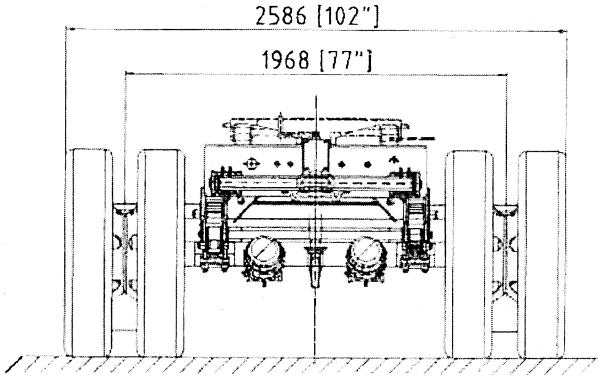
Overall Length:	160"
Overall Width:	102" (over tire)
Fifth Wheel Height:	48" ± 1"
Rear Bolster Height:	39" ± 1"
Drawbar length:	104" (From drawbar to fifth wheel)
Tandem location:	54" (From rear face of rear bolster)
Axle Spread:	49"
Tare Weight:	4,800 lbs (2,180 kg) ± 2%
GVWR:	44,000 lbs (20,000 kg)

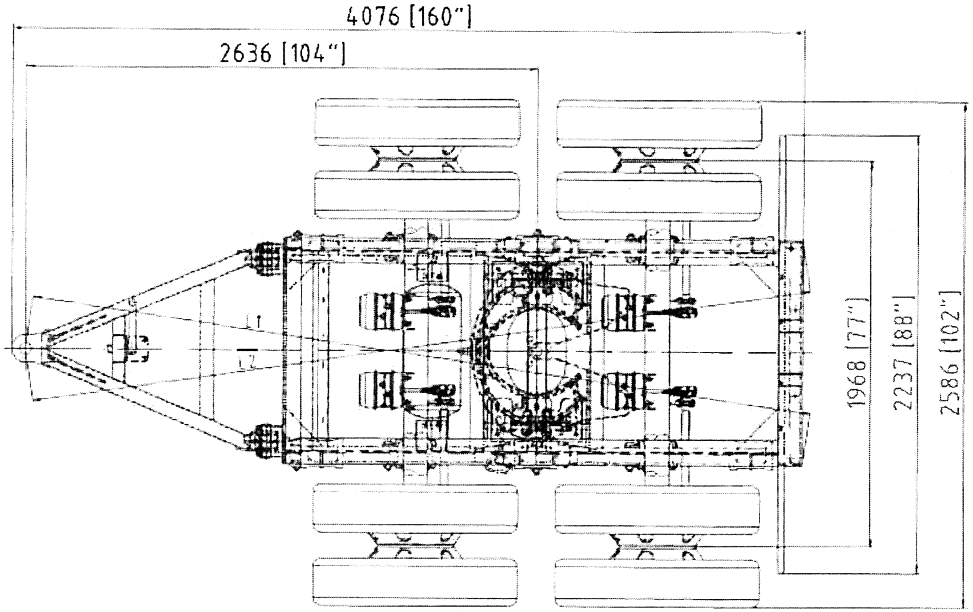
3. Steel Structure & Components

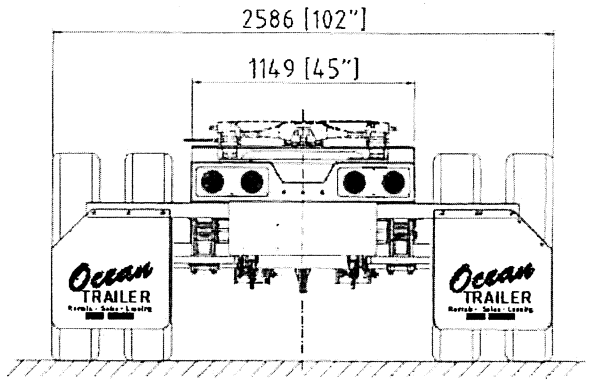
Steel material:	All steel materials supplied from Zero Chinese sources.
Main beam:	8-1/4" × 5-1/4" H-beam fabricated by GR80 steel, 3/8" thick flange and 1/4" thick web.
Drawbar beam:	Fabricated beam from 3" x 3" x 1/4" square tubes. ASTM A-500 GR.B or equivalent.
Fifth wheel:	**HOLLAND** bolt-on type FW35. Provided by buyer.
Drawbar:	**HOLLAND** DB-1400, welded to the traction frame.
Dolly jack:	**PREMIER** 800P-15-829 Utility Jack with BLP21S-PH060R-14 6x2 Swivel Phenolic Wheel, RB, 4x4 1/2 plate, 1200LB cap. Provided by buyer.
Safety chain:	5/8" Grade 80 Alloy steel chain. Provided by buyer.
Safety hook:	Sling Hook GR100. Provided by buyer.
Hinge assembly:	**PREMIER 440** Pair hinges, Rubber bushings.
Suspension:	**FUWA** mechanism suspension whith spring 3 leaves 356-00, 49" axle space, 41" hanger bracket center.Pre-painted **BLACK RAL9005** color.
Axles:	**FUWA** 5" round axles with 22500lb capacity, N-series tapered spindle. 77.5" track, 16.5" x 7", FMSI (4707Q+) Plus Brake, PL244 Brake Linings, E-Coat Shoes. Dust shields are provided.. Pre-painted **BLACK RAL9005** color.
	5.5" Haldex ASA with Clevis Kit & Brake stroke indicator. 28-spline
	Reserved NPT1/4" interface for venting, Vent valves already installed; Heat Sensing Labels.
	Axle installation orientation: 90 degrees rear, Chambers DOWN (1 abs ready front, 1 non abs mid per unit).
Wheel end:	**FUWA** 20K Axle with ConMet PreSet Plus® Hub & Brake Drum Assembly, 10-Hole, 11.25" BC, Hub-Piloted
Lubricant:	Chevron Delo 80-90W Warning:Only 1/3 of grease will be added to the axles in Fuwa.The vehicles need to be filled it before use.
Wheels:	**SUNRISE** 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** 11R22.5-16PR tubeless type, S665 tread without owner's logo.
Brake System:	**SEALCO** 110800 spring brake priority valve system, **SEALCO** 110580 control line valve and **WABCO** 2S/1M 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. Total thickness not less than 80µm after dry membrane.
Marking:	**Customer** configuration (includes Decal, layout, VIN, nameplate).
Tire Inflation System:	**NONE**
Hubodometer:	**NONE**
Mud flaps:	24"x24"x1/4" (610X610X6mm) Black PVC mud flaps with "Customer" logo and address.

4. Layout









confirmed by **CUSTOMER**

confirmed by **THACO TRAILERS**