

GENERAL	
Overall Length	40' 11"
Overall Width	96"
Overall Height	58"
Fifth Wheel Height	48 ± 1"
Rear Deck Height	48 ± 1"
Kingpin Location	18" (From rear face of front bolster)
Landing Gear Location	110" (From the centerline of kingpin)
Tandem location	52" (From rear face of rear bolster)
Axle Spread	49"
Tare Weight	5,250 lbs ±2%
Payload	67,200 lbs (30,480kgs)
STEEL STRUCTURE & COMPONENTS	
Main beam	13.75" deep x 4" wide fabricated H-beam, 5/16" thick Grade 100 steel flange and 1/4" thick Grade 50 web
Cross member	3/16" thick x 3" wide x 9" deep channel with profiled bar type diagonal brace. Local supplier (Vietnam)
GN member	5-1/4" deep x 4" wide fabricated H-beam, 5/16" thick flanges and 1/4" thick web
Upper Coupler	1/4" pick up plate with JOST (USA) 2" diameter square type king pin per SAE standard, 380-420 HB, with 2" water drain holes, design to be integrated with main frame through welding
Front Bolster	8" wide x 10" high x 3/16" thick open section fabricated by Grade 100 steel, with 3-1/2" chamfer in full length for gathering container in operation. 7-way receptacle and glad hands are in the center of front bolster Bent corner caps. Local supplier (Vietnam)
Rear Bolster	8" wide x 5/16" thick top plate with 7" wide x 6-5/8" deep x 3/16" thick "U" type bottom channel fabricated by Grade 100 steel
Rear Bumper	4" x 4" square tube step with taper "H" section vertical member. Bar is welded to uprights and main beam Local supplier (Vietnam)
License plate bracket	Extending from rear bolster within envelope of ICC bumper. Plate is to contain rear cluster lights, rear fleet number & license plate. Local supplier (Vietnam)
Front Locking pin	BUFFERS (India)
Rear twist Lock	BUFFERS (India)
Landing Gear	SAF-HOLLAND (USA) ATLAS65 with 65,000 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 color. Landing gear brackets are welded on the main beam as the layout
Suspension	SAF-HOLLAND (USA) mechanical tandem lightweight suspension with STANDEN (Canada) low-arch single spring (363-00). Pre-painted BLACK color
Axles	SAF-HOLLAND (USA) 5-3/4" round axles with 22,500lb capacity; 71.5" track; 16.5"x7" 4515Q brake. Dust shields are provided. Pre-painted BLACK color 1.5-28 spline, HALDEX 5.5" automatic slack adjusters Reserved PSI interface; Heat Sensing Labels Axle Installation orientation: 270 degrees FRONT, chambers UP (1 abs ready front, 1 non abs rear per unit). Long studs for installing Aluminum wheels
Wheel end	WEMC 10 stud hub-piloted hubs with WEBB lightweight outboard mounting drum. STEMCO 358-4009 Integrated Sentinel Grease Hub Cap. STEMCO seals and bearings Spindle nut STEMCO Pro-Torq P/N 447-4743
Lubricant	Petro (Canada) Precision Synthetic EP00 Semi Fluid Grease lubricant
Wheels	ALCOA (USA) 22.5 x 8.25 hub-piloted Aluminum wheels
Tires	SAILUN (Vietnam) 255/70R22.5-16PR tubeless type
Brake System	SEALCO (USA) 110800 spring brake priority valve system and WABCO (Thailand/ USA/ Germany/ Poland) 2S/1M ABS system. PHILLIPS (Vietnam) glad hand 12-0061 and 12-0081. TECTRAN (USA) 3/8" blue air tube for control and 3/8" red for supply. HALDEX (Mexico) Goldseal T30/30, 2.5" stroke brake chamber THACO CMC (Vietnam) air tank (BLACK color)
Electrical	GROTE (USA) mold seal wiring harness, Reserved PSI and GPS connector GROTE (USA) LED lights (amp connections for S/T/T lights; PL-10 for Marker/ID/ABS lights and .180 bullets for license light). The theft proof design used for 4" LED lighting
Electrical Receptacle	GROTE (USA)
Document Holder	THACO Plastic Components (Vietnam) . Installed on roadside near crank handle
Conspicuity tape	"3M" (Singapore) 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 (Vietnam)
Marking	Standard configuration (includes Decal, layout, VIN & nameplate). Local supplier (Vietnam)
Hubodometer	NONE
Tire Inflation System	NONE
Mud flaps	THACO Plastic Components (Vietnam) 30"x24"x1/4" White PVC mud flaps with "customer" logo



Thaco Trailers

40' GOOSENECK LIGHTWEIGHT TANDEM



Overall Length	Overall Width	Overall Height	Payload	Tare Weight
40' 11"	96"	58"	67,200 lbs	5,250 lbs

Super lightweight and strong, this chassis is built to handle ISO 40' containers even more efficiently. The use of high-strength steel and hole punching in main beams results in a lighter structure with the same load-bearing capacity.



**THACO INDUSTRIES TRAILERS AND HEAVY STEEL STRUCTURES
MANUFACTURING LIMITED LIABILITY COMPANY**

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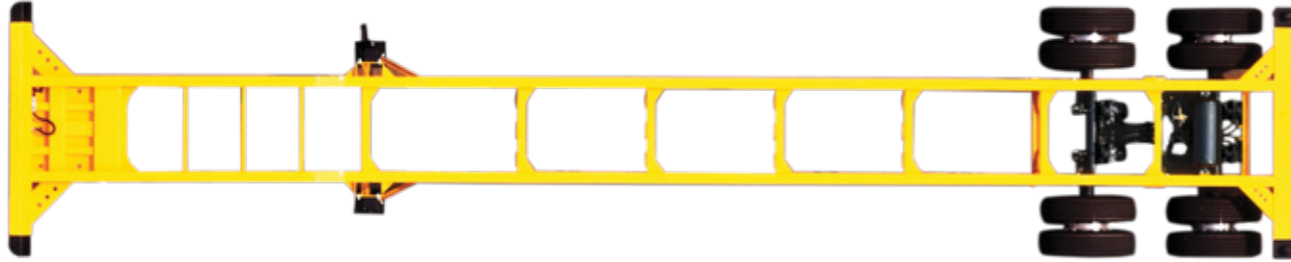
AGILITY – RELIABILITY – FLEXIBILITY

Thaco Trailers equipped cutting-edge technologies to create durable and reliable products.



CHASSIS

Modern design with the most advanced technology, high-strength alloy steel materials, solid structure increase the load capacity with high stability.



AXLES

SAF-HOLLAND (USA) 5-3/4" round axles with 22,500lb capacity increases load capacity and improves handling significantly.



UPPER COUPLER

1/4" pick up plate with **JOST (USA)** 2" diameter square type king pin per SAE standard is a strong and reliable connection between the tractor and trailer.



PAINTING

Surface treatment and painting processes including shot blasting, ED primer and powder topcoat to increase paint durability.

- Paint finishes are warranted for up to 7 years.
- 1,000 hours of salt spray testing.

SUSPENSION SYSTEM

SAF-HOLLAND (USA) mechanical tandem lightweight suspension with **STANDEN (Canada)** low-arch single spring (363-00) supports the spring assembly absorb greater loads, which increases load capacity.



LANDING GEAR

SAF-HOLLAND (USA) ATLAS65 with 65,000 lbs capacity, makes trailer lift and lower operations easier when connecting a tractor.



WHEEL END

WEMC 10 stud hub-piloted hubs with **WEBB** lightweight outboard mounting drum increase load capacity while reducing the overall chassis tare weight.



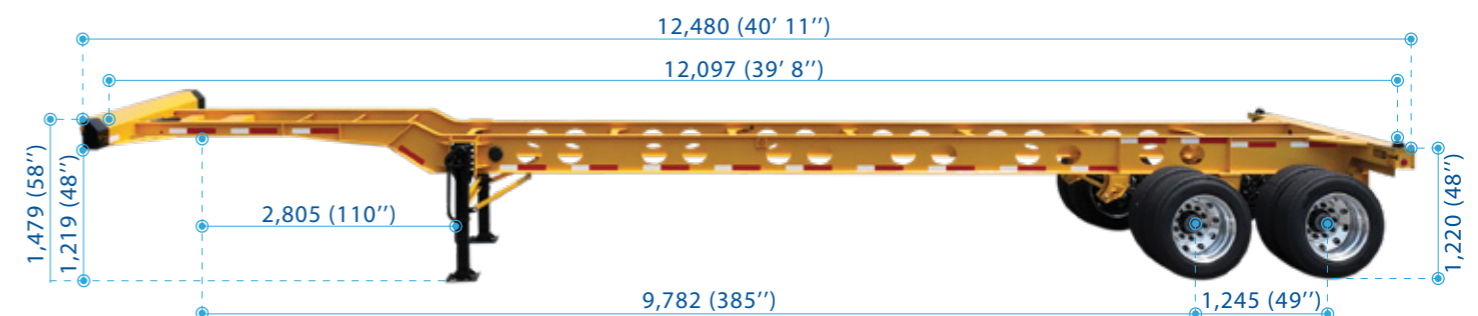
ELECTRICAL SYSTEM

GROTE (USA) mold seal wiring harness, protects wires from environmental factors and damage.
GROTE (USA) LED lights are designed to be theft-resistant and withstand harsh conditions.



STANDARD INFORMATION

- This chassis meets all DOT, AAR, ANSI, TOFC, F(C)MVSS, SAE and TTMA certifications.
- Locally-sourced components: Main frame, suspension system, leaf spring,...



WHEELS & TIRES

ALCOA (USA) 22.5 x 8.25 hub-piloted Aluminum wheels are durable, precise, and safe wheels for heavy-duty trucks.

SAILUN (Vietnam) 255/70R22.5-16PR tubeless type provides good traction on various terrains.



BRAKE SYSTEM

SEALCO (USA) 110800 spring brake priority valve system improves vehicle performance and safety.
WABCO (Thailand/USA/Germany/Poland) 2S/1M ABS system improves vehicle control and reduces the risk of accidents.

