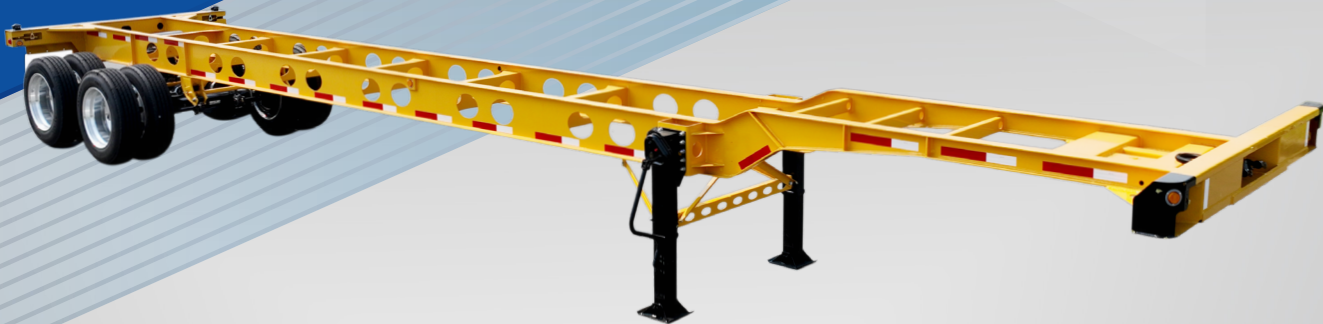


GENERAL	
Overall Length	40'-11"
Overall Width	96"
Overall Height	58"
Fifth Wheel Height	48 ± 1"
Rear Deck Height	48 ± 1"
Kingpin Location	18" (From rear face of front bolster)
Landing Gear Location	110" (From the kingpin center)
Tandem location	52" (From rear face of rear bolster)
Axle Spread	49"
Tare 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.
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 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.
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.
License plate bracket	Extending from rear bolster within envelope of ICC bumper. Plate is to contain rear cluster lights, rear fleet number & license plate.
Front Locking pin	Provided
Rear twist Lock	Provided
Landing Gear	65,000 lbs capacity, 2-speed 17" travel with low "T" shoes. Crank handle is located on the driver's side of the chassis. Landing gear brackets are welded on the main beam as the layout.
Suspension	Mechanical tandem lightweight suspension with low-arch single spring (363-00).
Axles	5-3/4" round axles with 22,500lb capacity; 71.5" track; 16.5"x7" 4515Q brake. Dust shields are provided.
	1.5-28 spline, 5.5" automatic slack adjusters.
	Reserved PSI interface; Heat Sensing Labels.
Wheel end	Axle Installation orientation 270 degrees FRONT, chambers UP (1 abs ready front, 1 non abs rear per unit). Long studs for installing Aluminum wheels.
Lubricant	10 stud hub-piloted hubs with lightweight outboard mounting drum. 340-4370 solid Aluminum Grease hub cap. Seals and bearings. Spindle nut: Pro-Torq P/N 447-4743."
Wheels	Petro Canada Precision Synthetic EP00 Semi Fluid Grease lubricant.
Tires	22.5 x 8.25 hub-piloted Aluminum wheels.
Brake System	255/70R22.5-16PR tubeless type.
Electrical	110800 spring brake priority valve system and 2S/1M ABS system. Glad hand 12-0061 and 12-0081. 3/8" blue air tube for control and 3/8" red for supply. Goldseal T30/30, 2.5" stroke brake chamber. THACO CMC (Vietnam) air tank.
Electrical Receptacle	Mold seal wiring harness, Reserved PSI and GPS connector. 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.
Document Holder	Provided
Conspicuity tape	THACO Plastic Components (Vietnam) . Installed on roadside near crank handle.
Painting	Installed per federal regulations.
Marking	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, Total thickness not less than 80µm after dry membrane. Coating supplier PPG (Vietnam) .
Hubodometer	Standard configuration (includes Decal, layout, VIN, nameplate).
Tire Inflation System	NONE
Mud flaps	PSI (USA) Tire Inflation System with THERMalert.
	THACO Plastic Components (Vietnam) 30"x24"x1/4" White PVC mud flaps without "customer" logo.



ThacoTrailers

40' GOOSENECK LIGHTWEIGHT TANDEM



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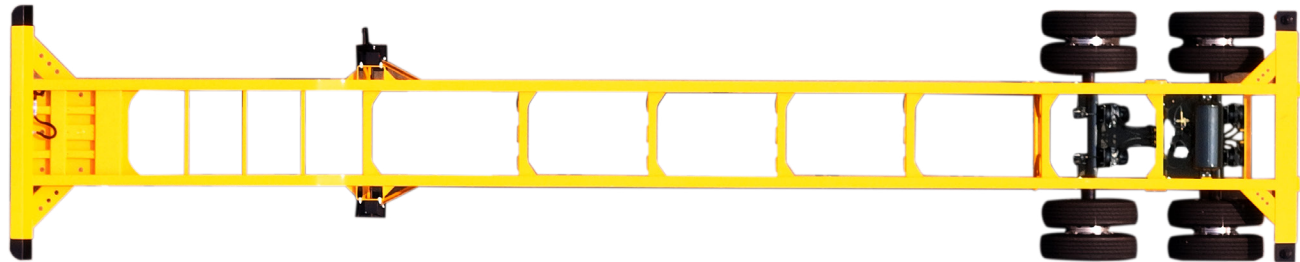
AGILITY – RELIABILITY – FLEXIBILITY

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

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



SUSPENSION SYSTEM

Mechanical tandem lightweight suspension with low-arch single spring supports the spring assembly absorb greater loads, which increases load capacity.



ELECTRICAL SYSTEM

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



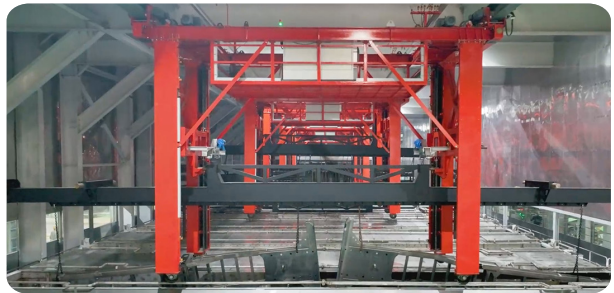
PAINTING

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.

LANDING GEAR

65,000 lbs capacity, makes trailer lift and lower operations easier when connecting a tractor.



WHEEL END

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



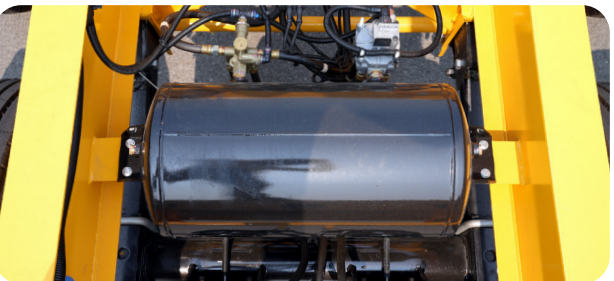
WHEELS & TIRES

22.5 x 8.25 hub-piloted Aluminum wheels are durable, precise, and safe wheels for heavy-duty trucks. 255/70R22.5-16PR tubeless type provides good traction on various terrains.



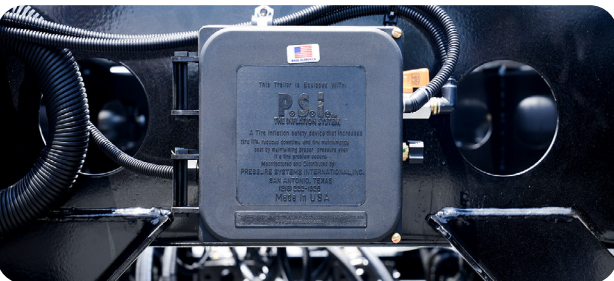
BRAKE SYSTEM

110800 spring brake priority valve system improves vehicle performance and safety. 2S/1M ABS system improves vehicle control and reduces the risk of accidents.



TIRE INFLATION SYSTEM

PSI (USA) Tire Inflation System with THERM alert improves fuel economy, longer tire life, better handling and enhances safety, more even tire wear



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,...

