

GENERAL	
Overall Length	31'-7" (retracted) or 40'-11" (extended)
Overall Width	96"
Fifth Wheel Height	47 ± 1"
Rear Deck Height	48 ± 1"
Kingpin Location	18" (From the rear of the front bolster)
Landing Gear Location	100" (From the kingpin center)
Tandem location	32" (From rear face of rear bolster to rear axles center when extended)
Axle Spread	109"
Tare Weight	9,350 lbs ± 3%
Payload	54,500lbs for 20' loaded or 57,000 lbs for 40' loaded
STEEL STRUCTURE & COMPONENTS	
Main beam	16"x5" fabricated I-beam with high strength flanges and 6-11/32" height for gooseneck rail. ASTM Grade 130.
Upper Coupler	5/16" pick up plate with 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.
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 Goldseal 30/30 spring brakes on both sides of the trailer through third gladhand on front sill.
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 bolted on the main beam as the layout.
Container locks	Provided
Suspension	109" axle spread, underslung configuration with high-arch single spring (360-00).
Axles	5" 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 90 degrees REAR, chambers DOWN (1 abs ready front, 1 non abs rear per unit).
	Hub & Drum Assembly. 340-4370 solid Aluminum Grease hub cap. Seals P/N Scotseal plus XL 46300. Bearings. Spindle nut Double Nut.
Lubricant	Synthetic Semi-fluid grease lubricant.
Wheels	22.5 x 8.25 10-stud hub-piloted wheels with 5 hand holes and with TR572 valve stem.
Tires	255/70R22.5-16PR tubeless type.
Brake System	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 tanks.
Electrical	Mold seal wiring harness, Reserved PSI and GPS connector. 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	16-724 plastic material with split pins.
Document Holder	THACO Plastic Components (Vietnam). Installed on roadside near crank handle.
Conspicuity tape	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. Total thickness not less than 80µm after dry membrane. Coating supplier PPG (Vietnam)
Marking	Customer configuration (includes Decal, layout, VIN, nameplate)
Hubodometer	NONE
Tire Inflation System	PSI (USA) Tire Inflation System with THERMalert.
Mud flaps	THACO Plastic Components (Vietnam) 18"x24"x1/4" white PVC mud flaps with "CUSTOMER" logo.



ThacoTrailers

20'/40' COMBO TANDEM



Retracted Length	Extended Length	Overall Width	Payload 20'	Payload 40'	Tare Weight
31' 7"	40' 11"	96"	54,500 lbs	57,000 lbs	9,350 lbs

Strong and efficient, this chassis is made for handling both ISO 20' and ISO 40' containers. Spread axles at 109 inches offer greater balance capability compared to standard spacing

THACO INDUSTRIES TRAILERS AND HEAVY STEEL STRUCTURES
MANUFACTURING LIMITED LIABILITY COMPANY

📍 THACO Chu Lai Industrial Park, Nui Thanh District, Quang Nam Province, Vietnam
☎ (+84) 933 805 707 📧 thacosv@thaco.com.vn



www.thacotrailers.com

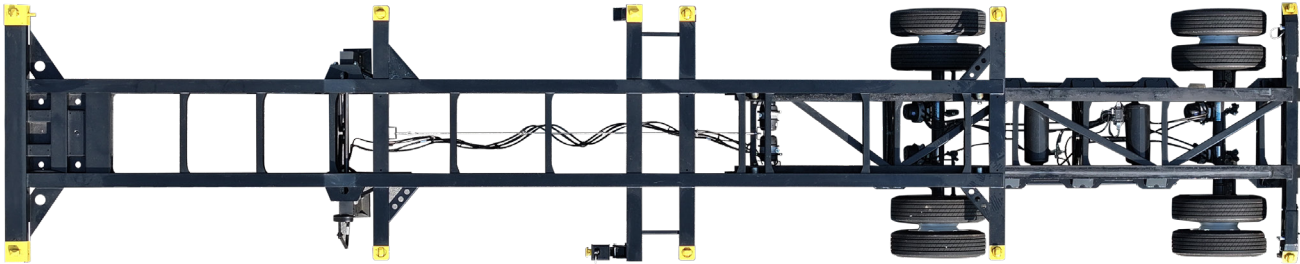
BALANCE – STURDINESS – FLEXIBILITY

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



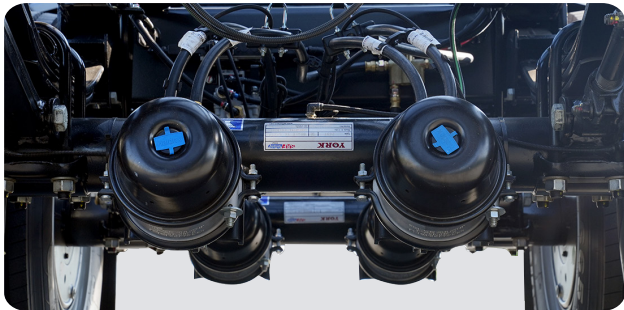
CHASSIS

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



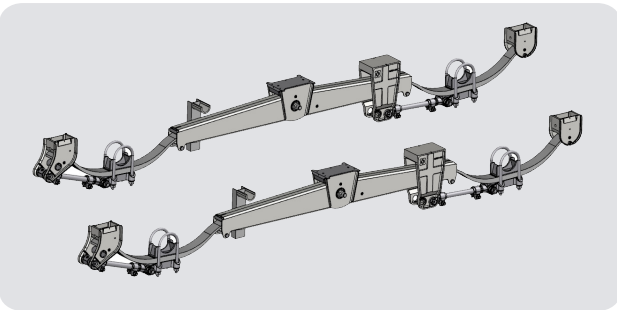
AXLES

5" round axles with 22,500 lbs capacity increases load capacity and improves handling significantly.



SUSPENSION SYSTEM

109" axle spread, underslung configuration with high-arch single spring supports the spring assembly absorb greater loads, which increases load capacity.



UPPER COUPLER

5/16" pick up plate with 2" diameter square type king pin per SAE standard is a strong and reliable connection between the tractor and trailer.



LOCKING SYSTEM

Air operated locking pins, activated by Goldseal 30/30 spring brakes, prevent the trailer from becoming disconnected from the tractor.



LANDING GEAR

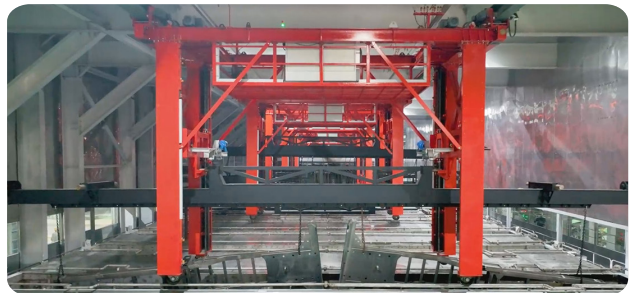
65,000 lbs capacity, makes trailer lift and lower operations easier when connecting a tractor.



PAINTING

Surface treatment and painting processes including shot blasting, ED primer and powder topcoat are standard technical requirements.

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



WHEELS & TIRES

22.5 x 8.25 10-stud hub-piloted 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.



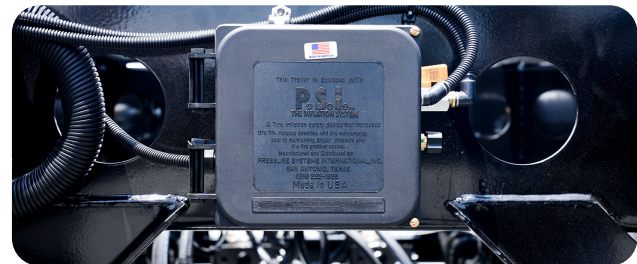
ELECTRICAL SYSTEM

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



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, air tanks, documents holder, mud flaps,...

