

GENERAL	
Overall Length	53'-7" (Excluding dock bumpers)
Overall Width	96"
Overall Height	55"
Fifth Wheel Height	47 ± 1"
Max. Rear Height	48 ± 1"
Kingpin Location	36" (From the rear face of the front bolster)
Landing Gear Location	94" (From the rear face of the front bolster)
Axle Spread	49"
Slider Bogie Setting	90" travel in 6" increment
Tare Weight	7,450 lbs (approximately)
Payload	67,200 lbs
STEEL STRUCTURE & COMPONENTS	
Main beam	W12@16lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent.
Cross member	1/8" & 3/16" thick full height channel with profiled bar type diagonal brace.
GN member	4" deep x 4" wide fabricated H-beam, 5/8" thick flanges and 5/16" thick web. ASTM GR100.
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	7-3/8" wide x 7-3/4" high x 1/4" thick open section, with 2-3/8" chamfer in full length for gathering container in operation. 7-way receptacle and glad hands are located on the roadside of front bolster. Bent corner caps.
Rear Bolster	8" wide x 3/8" thick top plate with 7" wide x 6-5/8" deep x 3/16" thick "U" type bottom channel.
Rear Bumper	4" x 4" x 3/16" square tube step with taper "H" section vertical member. Bar is bolted to uprights. The bumper is bolted to 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.
Sliding suspension frame	46K lightweight chassis platform slider with 4 index pins. QUIK-DRAW® pneumatic pin-pull mechanism with removable and replaceable pin cage
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 bolted on the main beam as the layout.
Suspension	H9036i I-Beam slider suspension with Thaco Springs (Vietnam) high-arch 3-leaf spring (354-00)
Axles	5" round axles with 22,500 lbs 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).
Lubricant	Hub & Drum Assembly. 340-4370 solid Aluminum Grease hub cap. Seals P/N Scotseal plus XL 46300. Bearings. Spindle nut Double Nut.
Wheels	Hub & Drum Assembly. 340-4370 solid Aluminum Grease hub cap. Seals P/N Scotseal plus XL 46300. Bearings. Spindle nut Double Nut.
Tires	22.5 x 8.25 10-stud hub-piloted wheels with 5 hand holes and with TR572 valve stem.
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 tank.
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) 24"x24"x1/4" Plain Black PVC mud flaps with 3 mounting holes and with "customer" logo.



ThacoTrailers

53' GOOSENECK SLIDER TANDEM
(AIR RIDE SUSPENSION)



Retracted Length	Overall Width	Overall Height	Payload	Tare Weight
53' 7"	96"	55"	67,200 lbs	7,450 lbs

Engineered for exceptional heavy-duty capabilities, this chassis is designed to handle ISO 53' containers, making it an ideal choice for specialized industrial applications.

THACO INDUSTRIES TRAILERS AND HEAVY STEEL STRUCTURES
MANUFACTURING LIMITED LIABILITY COMPANY

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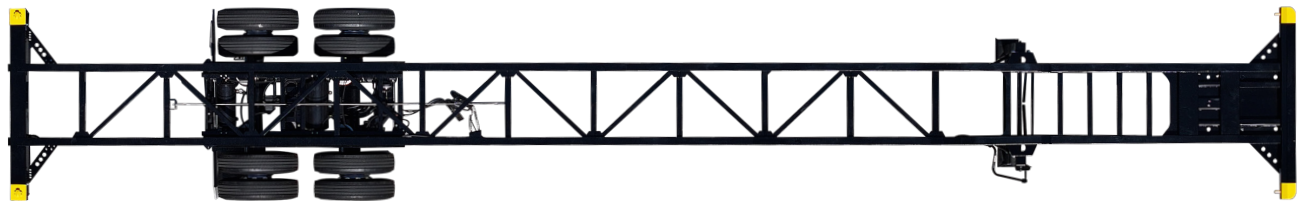
STRENGTH - VERSATILITY – PERFORMANCE

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.



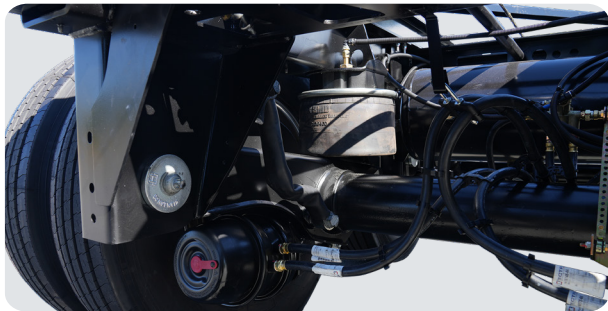
AXLES

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



SUSPENSION SYSTEM

46,000 lbs capacity, features advanced ZMD technology, eliminating external shock absorbers for superior ride quality and significantly reduced trailer maintenance.



UPPER COUPLER

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



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 Aluminum wheels are durable, precise, and safe wheels for heavy-duty trucks.

11R22.5-14PR tubeless type provides good traction on various terrains.



ELECTRICAL SYSTEM

Mold seal wiring harness, protects wires from environmental factors and damage.

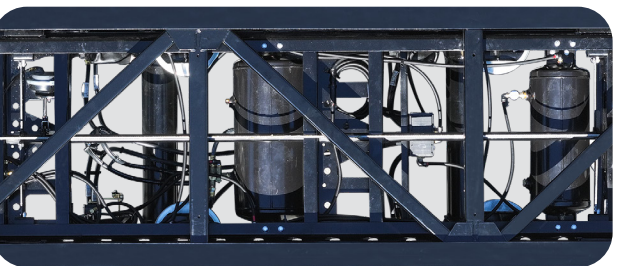
LED lights are designed to be theft-resistant and withstand harsh conditions.



BRAKE SYSTEM

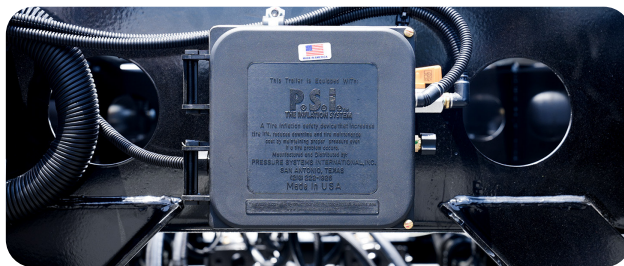
110800 spring brake priority valve system improves vehicle performance and safety.

TABS-6 Roll Stability System+ 2S/1M ABS system enhances trailer stability and braking performance to ensure safe and efficient transportation.



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,...

