

GENERAL	
Overall Length	40' 11" (retracted) or 45' 11" (extended)
Overall Width	96"
Overall Height	58"
Fifth Wheel Height	48 ± 1"
Rear Deck Height	48 ± 1"
Kingpin Location	30" (From rear face of front bolster)
Landing gear Location	100" (From the centerline of kingpin)
Tandem Location	54" (From rear face of rear bolster)
Axle Spread	49"
Tare Weight	7,300 lbs±3%
Payload	67,200 lbs (30,480kgs)
STEEL STRUCTURE & COMPONENTS	
Main beam	POSCO (Vietnam) W12@19lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent
Cross member	3/16" thick x 3" wide x 9" deep channel with profiled bar type diagonal brace. Local supplier (Vietnam)
GN member	POSCO (Vietnam) 5-1/4" deep x 4" wide hot-rolled H-beam, ASTM A572 Grade 50 or equivalent, with 1/2" 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 1/4" thick open section, 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. Cast corner caps. Local supplier (Vietnam)
Rear Bolster	8" wide x 3/8" thick top plate with 7" wide x 6-5/8" deep x 1/4" thick "U" type bottom channel. Local supplier (Vietnam)
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 fleet number & license plate. Local supplier (Vietnam)
Frame Extension	7-5/8" deep fabricated I-beam with 5-1/2"x3/8" flanges and 1/4" thick web. Easily operated self-locating and self-locking spring loaded pin mechanism is used to lock the frame. 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	HUTCH (USA) H9700 mechanical tandem suspension, overslung configuration with Thaco Springs (Vietnam) high-arch 3-leaf spring (354-00). Pre-painted BLACK color
Axles	YORK (India) 5" round axles with 22,500 lbs capacity; 71.5" track, 16.5"x7" 4515Q brake Dust shields are provided. Pre-painted BLACK color 1.5-28 spline, HALDEX (India) 5.5" automatic slack adjusters None reserved PSI interface; Heat Sensing Labels Axle Installation orientation: 270 degrees FRONT, chambers UP (1 abs ready front, 1 non abs rear per unit)
Wheel end	YORK (India) Hub & Drum Assembly. STEMCO (USA) 340-4370 solid Aluminum Hub Cap. SKF (USA) seals P/N Scotseal plus XL 46300. ORBIT TN (India) bearings. Spindle nut: YORK (India) Double Nut
Lubricant	MOBILITH SHC 007 (India) Synthetic Semi-fluid grease lubricant
Wheels	ALCOA (Hungary) 22.5 x 8.25 10-stud hub-piloted Aluminum wheels
Tires	WESTLAKE (Thailand) 11R22.5-14PR 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 (Pre-painted BLACK color)
Electrical	PHILLIPS (Mexico) mold seal wiring harness, Reserved PSI and GPS connector OPTRONICS (Taiwan) 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	PHILLIPS (Mexico) 16-724 plastic material with split pins
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: PPG (Vietnam) (7-year warranty)
Marking	Standard configuration (includes Thaco Trailers Decal, layout, VIN & nameplate). Local supplier (Vietnam)
Hubodometer	STEMCO (USA)
Tire Inflation System	PSI (USA) Tire Inflation System with THERMalert
Mud flaps	THACO Plastic Components (Vietnam) 24"x30"x1/4" White PVC mud flaps with "CUSTOMER" logo



Thaco Trailers

40'/45' EXTENDABLE TANDEM



Retracted Length	Extended Length	Overall Width	Payload	Tare Weight
40' 11"	45' 11"	96"	67,200 lbs	7,300 lbs

Adaptable and reliable, this chassis is engineered to handle both ISO 40' and 45' containers through its extendable design. Furthermore, its integrated locking pin release mechanism, housed within the main beam, safeguards against shearing forces and ensures maximum safe load capacity.



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

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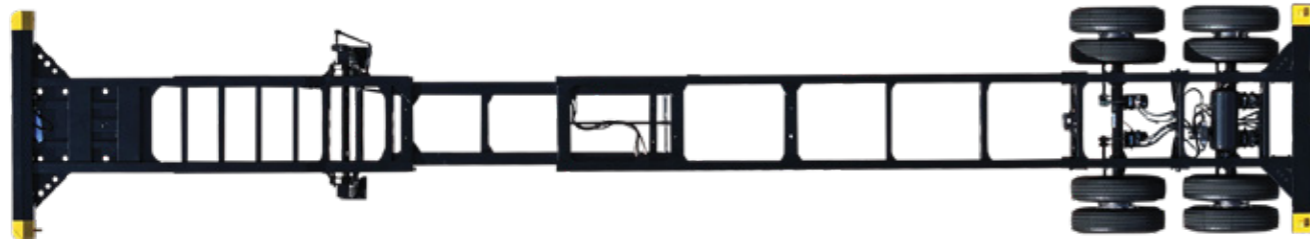
STRENGTH – RELIABILITY – ADAPTABILITY

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

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



SUSPENSION SYSTEM

HUTCH (USA) H9700 mechanical tandem suspension supports the spring assembly absorb greater loads, which increases load capacity.



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.



LANDING GEAR

SAF-HOLLAND (USA) ATLAS65 with 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.

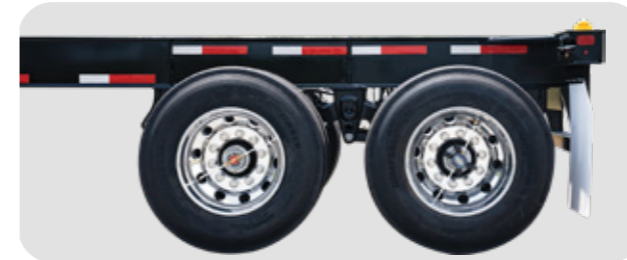
- Paint finishes are warranted for up to 7 years.
- 1,000 hours of salt spray testing.



WHEELS & TIRES

ALCOA (Hungary) 22.5 x 8.25 10-stud hub-piloted Aluminum wheels are durable, precise, and safe wheels for heavy-duty trucks.

WESTLAKE (Thailand) 11R22.5-14PR tubeless type provides good traction on various terrains.



ELECTRICAL SYSTEM

PHILLIPS (Mexico) mold seal wiring harness, protects wires from environmental factors and damage.

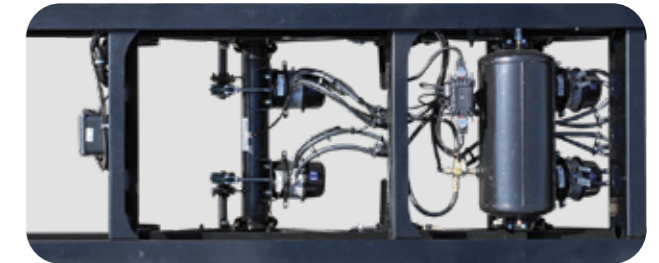
OPTRONICS (Taiwan) LED lights are designed to be theft-resistant and withstand harsh conditions.



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.



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,...

