

GENERAL	
Overall Length	29' 11" (retracted) or 40' 10" (extended)
Overall Width	96"
Fifth Wheel Height	48 ± 1"
Kingpin Location	24" (From rear face of front bolster)
Landing gear Location	100" (From the centerline of kingpin)
Axle Spread	49"
Tandem Location	54" (From rear face of rear bolster)
Tare Weight	7,500 lbs ± 3%
Payload	44,800 lbs in 20' loaded or 67,200 lbs in 40' loaded
STEEL STRUCTURE & COMPONENTS	
Main beam	Fabricated I-beam with high strength Grade 100 steel flanges
Cross member	Fabricated 3/16" thick channel with profiled bar type diagonal brace. Local supplier (Vietnam)
Upper Coupler	5/16" pick up plate with <b>JOST (USA)</b> 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 located in the center of front bolster. Cast corner caps. Local supplier (Vietnam).
Front Locking pin	<b>BUFFERS (India)</b>
Center Bolster	8" wide x 6" deep x 1/4" thick tube section. ASTM A-500 GR.B or equivalent. Local supplier (Vietnam).
Center twist Lock	<b>SCHULZ (Spain)</b>
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 twist Lock	<b>BUFFERS (India)</b>
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)
Extension Beam	Fabricated 7-5/8" tall x 5-1/4" wide I-beam with high strength Grade 100 steel flanges
Rear Main beam	<b>POSCO (Vietnam)</b> W12@19lb/ft hot-rolled H-beam, ASTM A572 Grade 50 or equivalent
Locking system	Air operated locking pins, Activated by <b>HALDEX (Mexico)</b> Goldseal 24/24 spring brakes on both sides of the trailer through third glad hand on front sill
Landing Gear	<b>SAF-HOLLAND (USA)</b> 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 bolted on the main beam as the layout
Suspension	<b>HUTCH (USA)</b> H9700 mechanical tandem suspension, overslung configuration with <b>Thaco Springs (Vietnam)</b> high-arch 3-leaf spring (354-00). Pre-painted BLACK color
Axles	<b>YORK (India)</b> 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, <b>HALDEX (India)</b> 5.5" automatic slack adjusters None reserved PSI interface; Heat Sensing Labels Axle Installation orientation: 90 degrees REAR, chambers DOWN (1 abs ready front, 1 non abs rear per unit)
Wheel end	<b>YORK (India)</b> Hub & Drum Assembly. <b>STEMCO (USA)</b> 340-4370 solid Aluminum Grease Hub Cap. <b>SKF (USA)</b> seals P/N Scotseal plus XL 46300 / Scotseal Classic 46305. <b>ORBIT TN (India)</b> bearings. Spindle nut: <b>YORK (India)</b> Double Nut. (5-year warranty wheelend)
Lubricant	<b>MOBILITH SHC 007 (India)</b> Synthetic Semi-fluid grease lubricant
Wheels	<b>ALCOA (Hungary)</b> 22.5 x 8.25 10-stud hub-piloted Aluminum wheels.
Tires	<b>WESTLAKE (Thailand)</b> 11R22.5-14PR tubeless type
Brake System	<b>SEALCO (USA)</b> 110800 spring brake priority valve system and <b>WABCO (Thailand/ USA/ Germany/ Poland)</b> 2S/1M ABS system. <b>PHILLIPS (Vietnam)</b> glad hand 12-0061 and 12-0081. <b>TECTRAN (USA)</b> 3/8" blue air tube for control and 3/8" red for supply. <b>HALDEX (Mexico)</b> Goldseal T30/30, 2.5" stroke brake chamber. <b>THACO CMC (Vietnam)</b> air tank (Pre-painted BLACK color)
Electrical	<b>PHILLIPS (Mexico)</b> mold seal wiring harness, Reserved PSI and GPS connector. (10-year warranty) <b>OPTRONICS (Taiwan)</b> 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	<b>PHILLIPS (Mexico)</b> 16-724 plastic material with split pins
Document Holder	<b>THACO Plastic Components (Vietnam)</b> . 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: <b>PPG (Vietnam)</b> (7-year warranty)
Marking	Standard configuration (includes Thaco Trailers Decal, layout, VIN & nameplate). Local supplier (Vietnam)
Hubodometer	<b>STEMCO (USA)</b>
Tire Inflation System	<b>PSI (USA)</b> Tire Inflation System with THERMalert
Mud flaps	<b>THACO Plastic Components (Vietnam)</b> 30"x24"x1/4" White PVC mud flaps without "CUSTOMER" logo



Thaco Trailers

# 20'/40' CITY COMBO TANDEM



Retracted Length	Extended Length	Overall Width	Payload 20'	Payload 40'	Tare Weight
29' 11"	40' 11"	96"	44,800 lbs	67,200 lbs	7,500 lbs

Engineered for flexibility and strength, this chassis is made for handling both ISO 20' and ISO 40' containers. The strategic two-axle design enhances load balancing, significantly boosting maneuverability of the vehicle.



**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

# STRENGTH – DURABILITY – 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

**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

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



## LOCKING ASSEMBLY

Air operated locking pins, activated by **HALDEX (Mexico)** Goldseal 24/24 spring brakes, prevent the trailer from becoming disconnected from the tractor.



## 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 to increase paint durability.

- 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)** molded sealed wiring harness, protects wires from environmental factors and damage.

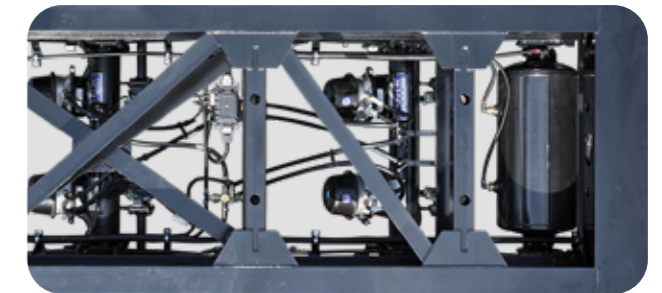
**OPTRONICS (Taiwan)** LED lights are designed to be theft-resistant and withstand harsh conditions.



## 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,...

