



COLOR



*Note: Painting color
can be customized.*

20' SLIDER CHASSIS



THACO

THACO SPECIAL VEHICLES MANUFACTURING LIMITED COMPANY

Address: Tam Hiep Industrial Zone, Nui Thanh District, Quang Nam Province, Vietnam

Tel: (+84) 235 6 255 755 | Fax: (+84) 235 6 255 655 | Web: www.thacosv.vn/en

Hotline: (+84) 938901169

1. MODEL: 20SL01THACO	
This chassis is designed for transporting a 20’ ISO container and meets all D.O.T., A.A.R., ANSI, T.O.F.C., FMVSS, SAE and TTMA specifications.	
2. GENERAL	
Overall Length	23’-8” or 27’-8” (extend)
Overall Width	96”
Overall Height	60”
Fifth Wheel Height	48 ± 1”
Kingpin Location	30” (From the center of the front bolster)
Landing Gear Location	90” (From the kingpin center)
Axle Spread	49”
Tandem Location	54”
Tare Weight	6,900 lbs ± 2%
Payload	67,200 lbs (30,480kgs)
3. STEEL STRUCTURE AND COMPONENTS	
Main beam	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
Upper coupler	1/4” pick up plate with JOST 2” diameter square type king pin per SAE standard
Upper coupler rails	Fabricated steel
Front Bolster	A572 grade 50 steel U form channel 7” wide x 6” high x 5/16” thick open section, 3/8”x 8” top plate
Rear bolster	A572 grade 50 steel U form channel 7” wide x 7” high x 5/16” thick open section, 3/8”x 8” top plate
Sliding suspension frame	Rectangular tubing 6” x 4” x 5/16” , ASTM A572 Grade 50 or equivalent Easily operated self-locating and self-locking spring loaded pin mechanism is used to lock the frame
Rear bumper	4” x 4” square tube step with taper “H” section vertical member Bar is welded to uprights and main beam.
Twist lock	Buffers 1257
Landing gear	AXN 60,000 lbs capacity, 2-speed 19” travel with low “T” shoes Crank handle is located on the driver’s side of the chassis.
Suspension	AXN mechanical tandem suspension with 3-leaf springs
Axles	AXN 5” round axles with 22500lb capacity; 71.5” track, 16.5”X7” brake; Stemco bearing/seal, HALDEX 28 spline, HALDEX 6.0” automatic slack adjusters, Stemco P/N 352-4009, hub internally vented; 10 HUB piloted hubs with outboard mounting cast steel drum (1 abs ready rear, 1 non abs front per unit)
Lubricant	Mobilith SHC007 synthetic grease lubricant with metal hubcap
Wheels	Jingu 22.5 x 8.25 hub-piloted wheels
Tires	CHAOYANG 11R22.5-14PR tubeless type
Brake System	WABCO/HALDEX 2S/1M ABS brake system Phillips glad hand 12-0061 and 12-0081 and HALDEX T30/30 stroke brake chamber 3/8” blue air tube for control and 3/8” red for supply, HOOSIER air tanks, meet FMVSS 121
Electrical	OPTRONICS 12-volt LED lighting with Phillips mold seal wiring harness, meet DOT and SAE standards. The theft proof design is used for 4” LED lighting.
Painting	Abrasive blast of all metal surfaces – not less than SA-2 to achieve clean bare steel Surface will be coated with marine paint of minimum 70% Zinc- Rich primer and true acrylic aliphatic urethane topcoat, color optional, total thickness not less than 80µm after dry membrane
MISC	THACO standard marking, document holder, conspicuity tape, 24”x27” black rubber mud flaps
Option	Hubodometer, PSI tire inflation system



COLOR



*Note: Painting color
can be customized.*

40' GOOSENECK CHASSIS



THACO

THACO SPECIAL VEHICLES MANUFACTURING LIMITED COMPANY

Address: Tam Hiep Industrial Zone, Nui Thanh District, Quang Nam Province, Vietnam

Tel: (+84) 235 6 255 755 | Fax: (+84) 235 6 255 655 | Web: www.thacosv.vn/en

Hotline: (+84) 938901169

1. MODEL: 40GN01THACO	
This chassis is designed for transporting a 40’ ISO container and meets all D.O.T., A.A.R., ANSI, T.O.F.C., FMVSS, SAE and TTMA specifications.	
2. GENERAL	
Overall Length	40’-8” (Excluding dock bumpers)
Overall Width	96”
Overall Height	58”
Fifth Wheel Height	48 ± 1”
Kingpin Location	30” (From the rear face of the front bolster)
Landing Gear Location	100” (From the kingpin center)
Axle Spread	49”
Tandem Location	54”
Tare Weight	6,600 lbs ± 2%
Payload	67,200 lbs (30,480kgs)
3. STEEL STRUCTURE AND COMPONENTS	
Main beam	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
Gooseneck member	5-1/4” deep x 4” wide fabricated H-beam, 1/2” thick flanges and 1/4” thick web
Upper coupler	1/4” pick up plate with JOST 2” diameter square type king pin per SAE standard
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.
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
Rear Bumper	4” x 4” square tube step with taper “H” section vertical member Bar is welded to uprights and main beam.
Front locking pin	Buffers 1213
Rear Twist lock	Buffers 1257
Landing gear	AXN 60,000 lbs capacity, 2-speed 19” travel with low “T” shoes Crank handle is located on the driver’s side of the chassis.
Suspension	AXN mechanical tandem suspension with 3-leaf springs.
Axles	AXN 5” round axles with 22500lb capacity, 71.5” track, 16.5”X7” brake; Stemco bearing/seal, HALDEX 28 spline, HALDEX 6.0” automatic slack adjusters, Stemco P/N 352-4009, hub internally vented; 10 HUB piloted hubs with outboard mounting cast steel drum (1 abs ready rear, 1 non abs front per unit)
Lubricant	Mobilith SHC007 synthetic grease lubricant with metal hubcap
Wheels	Jingu 22.5 x 8.25 hub-piloted wheels
Tires	CHAOYANG 11R22.5-14PR tubeless type
Brake System	WABCO/HALDEX 2S/1M ABS brake system Phillips glad hand 12-0061 and 12-0081 and HALDEX T30/30 stroke brake chamber 3/8” blue air tube for control and 3/8” red for supply, HOOSIER air tanks, meet FMVSS 121
Electrical	OPTRONICS 12-volt LED lighting with Phillips mold seal wiring harness, meet DOT and SAE standards. The theft proof design is used for 4” LED lighting.
Painting	Abrasive blast of all metal surfaces – not less than SA-2 to achieve clean bare steel Surface will be coated with marine paint of minimum 70% Zinc- Rich primer and true acrylic aliphatic urethane topcoat, color optional, total thickness not less than 80µm after dry membrane
MISC	THACO standard marking, document holder, conspicuity tape, 24”x27” black rubber mud flaps
Option	Hubodometer, PSI tire inflation system



COLOR



*Note: Painting color
can be customized.*

40'/45' EXTENDABLE CHASSIS



THACO

THACO SPECIAL VEHICLES MANUFACTURING LIMITED COMPANY

Address: Tam Hiep Industrial Zone, Nui Thanh District, Quang Nam Province, Vietnam

Tel: (+84) 235 6 255 755 | Fax: (+84) 235 6 255 655 | Web: www.thacosv.vn/en

Hotline: (+84) 938901169

1. MODEL: 4045EX01THACO	
This chassis is designed for transporting a 40’ or a 45’ ISO container and meets all D.O.T., A.A.R., ANSI, T.O.F.C., FMVSS, SAE and TTMA specifications.	
2. GENERAL	
Overall Length	40’-8” or 45’-8” (Excluding dock bumpers)
Overall Width	96”
Overall Height	58”
Fifth Wheel Height	48 ± 1”
Kingpin Location	30” (From the rear face of the front bolster)
Landing Gear Location	100” (From the kingpin center)
Axle Spread	49”
Tandem Location	54”
Tare Weight	7,300 lbs ± 2%
Payload	67,200 lbs (30,480kgs)
3. STEEL STRUCTURE AND COMPONENTS	
Main beam	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
Gooseneck member	5-1/4” deep x 4” wide fabricated H-beam, 1/2” thick flanges and 1/4” thick web
Upper coupler	1/4” pick up plate with JOST 2” diameter square type king pin per SAE standard
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
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
Rear Bumper	4” x 4” square tube step with taper “H” section vertical member Bar is welded to uprights and main beam.
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
Front locking pin	Buffers 1213
Rear Twist lock	Buffers 1257
Landing gear	AXN 60,000 lbs capacity, 2-speed 19” travel with low “T” shoes Crank handle is located on the driver’s side of the chassis.
Suspension	AXN mechanical tandem suspension with 3-leaf springs
Axles	AXN 5” round axles with 22500lb capacity, 71.5” track, 16.5”X7” brake; Stemco bearing/seal, HALDEX 28 spline, HALDEX 6.0” automatic slack adjusters, Stemco P/N 352-4009, hub internally vented; 10 HUB piloted hubs with outboard mounting cast steel drum (1 abs ready rear, 1 non abs front per unit)
Lubricant	Mobilith SHC007 synthetic grease lubricant with metal hubcap
Wheels	Jingu 22.5 x 8.25 hub-piloted wheels
Tires	CHAOYANG 11R22.5-14PR tubeless type
Brake System	WABCO/HALDEX 2S/1M ABS brake system; Phillips glad hands 12-0061 and 12-0081 and HALDEX T30/30 stroke brake chamber; 3/8” blue air tube for control and 3/8” red for supply; HOOSIER air tanks; meet FMVSS 121
Electrical	OPTRONICS 12-volt LED lighting with Phillips mold seal wiring harness, meet DOT and SAE standards. The theft proof design is used for 4” LED lighting.
Painting	Abrasive blast of all metal surfaces – not less than SA-2 to achieve clean bare steel Surface will be coated with marine paint of minimum 70% Zinc- Rich primer and true acrylic aliphatic urethane topcoat, color optional, total thickness not less than 80µm after dry membrane
MISC	THACO standard marking, document holder, conspicuity tape, 24”x27” black rubber mud flaps
Option	Hubodometer, PSI tire inflation system



COLOR



Note: Painting color can be customized.

53' GOOSENECK CHASSIS



THACO

THACO SPECIAL VEHICLES MANUFACTURING LIMITED COMPANY

Address: Tam Hiep Industrial Zone, Nui Thanh District, Quang Nam Province, Vietnam

Tel: (+84) 235 6 255 755 | Fax: (+84) 235 6 255 655 | Web: www.thacosv.vn/en

Hotline: (+84) 938901169

1. MODEL: 53GN01THACO	
This chassis is designed for transporting a 53’ Domestic container meets all D.O.T., A.A.R., ANSI, T.O.F.C., FMVSS, SAE and TTMA specifications.	
2. GENERAL	
Overall Length	53’-9” (Excluding dock bumpers)
Overall Width	96”
Fifth Wheel Height	48 ± 1”
Rear Deck Height	48 ± 1”
Kingpin Location	36” (From the rear face of the front bolster)
Landing Gear Location	96” (From the kingpin center)
Axle Spread	49”
Slider Bogie Setting	84” travel in 4” increment
Tare Weight	7,150 lbs (approximately)
Payload	67,200 lbs (30,480kgs)
3. STEEL STRUCTURE AND COMPONENTS	
Main beam	W12@14lb/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
Gooseneck member	4” deep x 4”wide fabricated H-beam, 1/2” thick flanges and 5/16” thick web
Upper coupler	1/4” pick up plate with JOST 2” diameter square type king pin per SAE standard
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
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
Rear Bumper	4” x 4” square tube step bolted on with taper “H” section vertical member The bumper is bolted on the rear bolster.
Sliding suspension frame	Fabricated C-beam ASTM A572 Grade 50 or equivalent Easily operated self-locating and self-locking spring loaded pin mechanism is used to lock the frame
Front locking pin	Buffers 1213
Rear Twist lock	Buffers 1217
Landing gear	AXN 60,000 lbs capacity, 2-speed 19” travel with low “T” shoes Crank handle is located on the driver’s side of the chassis.
Suspension	Z-frame slider suspension with 3 leaf high arch spring
Axles	AXN 5” round axles with 22500lb capacity, 71.5” track, 16.5”X7” brake; Stemco bearing/seal, HALDEX 28 spline, HALDEX 6.0” automatic slack adjusters, Stemco P/N 352-4009, hub internally vented; 10 HUB piloted hubs with outboard mounting cast steel drum (1 abs ready rear, 1 non abs front per unit)
Lubricant	Mobilith SHC007 synthetic grease lubricant with metal hubcap
Wheels	Jingu 22.5 x 8.25 hub-piloted wheels
Tires	CHAOYANG 295/75R22.5, 14 ply range (G) tubeless type
Brake System	WABCO/HALDEX 2S/1M ABS brake system; Phillips glad hands 12-0061 and 12-0081 and HALDEX T30/30 stroke brake chamber; 3/8” blue air tube for control and 3/8” red for supply; HOOSIER air tanks; meet FMVSS 121
Electrical	OPTRONICS 12-volt LED lighting with Phillips mold seal wiring harness, meet DOT and SAE standards. The theft proof design is used for 4” LED lighting.
Painting	Abrasive blast of all metal surfaces – not less than SA-2 to achieve clean bare steel Surface will be coated with marine paint of minimum 70% Zinc- Rich primer and true acrylic aliphatic urethane topcoat, color optional, total thickness not less than 80µm after dry membrane
MISC	THACO standard marking, document holder, conspicuity tape, 24”x24” black rubber mud flaps
Option	Hubodometer, PSI tire inflation system

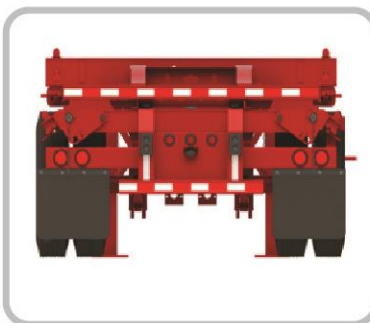


COLOR



*Note: Painting color
can be customized.*

20'/40' COMBO, TANDEM CHASSIS



THACO

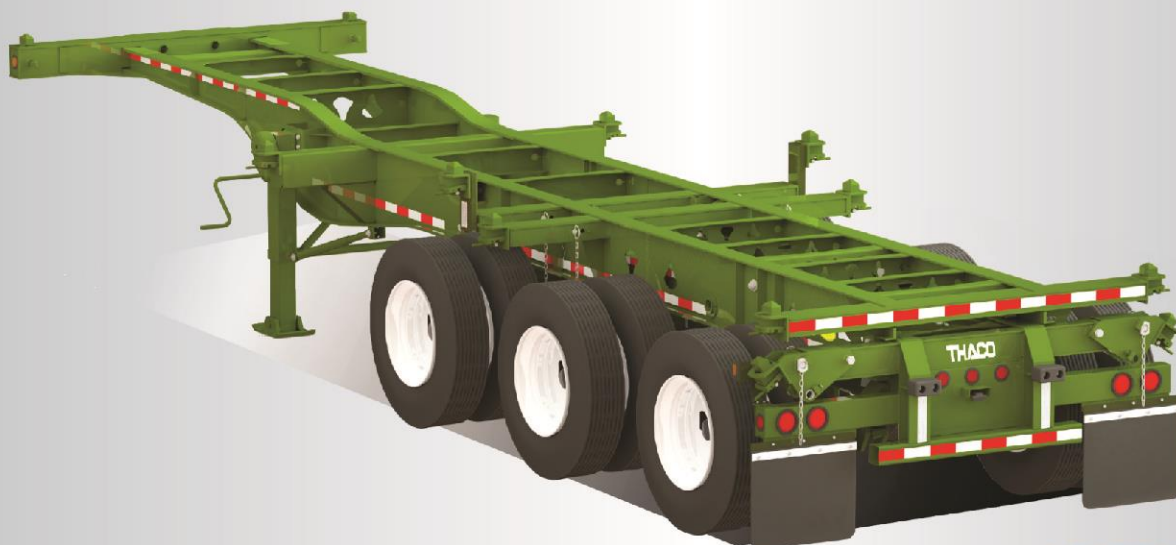
THACO SPECIAL VEHICLES MANUFACTURING LIMITED COMPANY

Address: Tam Hiep Industrial Zone, Nui Thanh District, Quang Nam Province, Vietnam

Tel: (+84) 235 6 255 755 | Fax: (+84) 235 6 255 655 | Web: www.thacosv.vn/en

Hotline: (+84) 938901169

1. MODEL:	
This chassis is designed to carry one ISO 20’ or 2 x 20’ empties or 40’ ISO containers and meets all D.O.T., A.A.R., ANSI, T.O.F.C., FMVSS, SAE and TTMA specifications.	
2. GENERAL	
Overall Length	32’-6” or 40’-6”
Overall Width	96”
Rear bunk height	48 ± 1”
Fifth Wheel Height	48 ± 1”
Kingpin Location	18” (From the rear of the front bolster)
Landing Gear Location	100” (From the kingpin center)
Axle Spread	109”
Tandem location	25” (From rear face of rear bolster to rear axle center)
Tare Weight	9,350 lbs (approximately)
Payload	58,800lbs for 20’ loaded or 66,400 lbs for 40’ loaded
3. STEEL STRUCTURE AND COMPONENTS	
Main beam	16"x5" fabricated I-beam with high strength flanges and 6-11/32" height for gooseneck rail
Upper coupler	1/4" pick up plate with JOST 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
Bolsters	Fabricated bolster assembly with high strength plates with 89" centers, equipped with none retractable twist locks
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 30/30 spring brakes on both side of the trailer through third gladhand on front sill
Landing gear	AXN 60,000 lbs capacity, 2-speed 19" travel with low "T" shoes Crank handle is located on the driver's side of the chassis.
Suspension	Hutchens H-9700 US TWS 109" axle spread, 3 leaf springs
Axles	AXN 5" round axles with 22500lb capacity, 71.5" track, 16.5"x7" brake; Stemco bearing/seal, HALDEX 28 spline, HALDEX 6.0" automatic slack adjusters, Stemco P/N 352-4009, hub internally vented; 10 HUB piloted hubs with outboard mounting cast steel drum (1 abs ready rear, 1 non abs front per unit)
Lubricant	Mobilith SHC007 synthetic grease lubricant with metal hubcap
Wheels	Jingu 22.5 x 8.25 hub-piloted wheels
Tires	CHAOYANG 255/70R22.5-16PR tubeless type
Brake System	WABCO/HALDEX 2S/1M ABS brake system; Phillips glad hands 12-0061 and 12-0081 and HALDEX T30/30 stroke brake chamber; 3/8" blue air tube for control and 3/8" red for supply; HOOSIER air tanks; meet FMVSS 121
Electrical	OPTRONICS 12-volt LED lighting with Phillips mold seal wiring harness, meet DOT and SAE standards. The theft proof design is used for 4" LED lighting.
Mud flaps	THACO standard, 24"x 18" all-rubber 3/8" thick mud flaps
Document holder	Installed on roadside before the landing gear with stainless steel rivets
Container locks	Buffer compact retractable twist locks
Conspicuity tape	Red/White reflective,"3M"brand, installed per F(C)MVSS 108
Painting	Abrasive blast of all metal surfaces – not less than SA-2 to achieve clean bare steel Surface will be coated with marine paint of minimum 70% Zinc- Rich primer and true acrylic aliphatic urethane topcoat, color optional, total thickness not less than 80µm after dry membrane
MISC	THACO standard marking
Option	Hubodometer, PSI tire inflation system

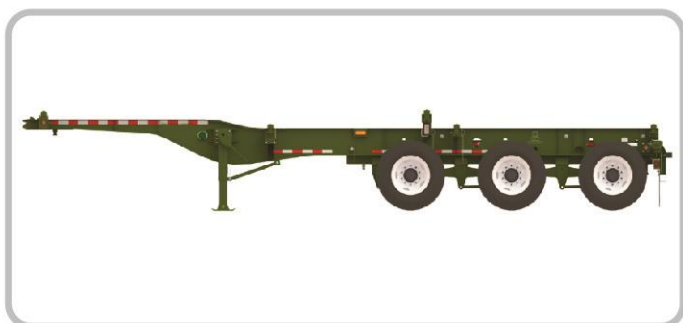


COLOR



*Note: Painting color
can be customized.*

20'/40' COMBO, TRIDEM CHASSIS



THACO

THACO SPECIAL VEHICLES MANUFACTURING LIMITED COMPANY

Address: Tam Hiep Industrial Zone, Nui Thanh District, Quang Nam Province, Vietnam

Tel: (+84) 235 6 255 755 | Fax: (+84) 235 6 255 655 | Web: www.thacosv.vn/en

Hotline: (+84) 938901169

1. MODEL:	
This chassis is designed to carry one ISO 20’ or 2 x 20’ empties or 40’ ISO containers and meets all D.O.T., A.A.R., ANSI, T.O.F.C., FMVSS, SAE and TTMA specifications.	
2. GENERAL	
Overall Length	32’-6” or 40’-6”
Overall Width	96”
Rear bunk height	48 ± 1”
Fifth Wheel Height	48 ± 1”
Kingpin Location	18” (From the rear of the front bolster)
Landing Gear Location	100” (From the kingpin center)
Axle Spread	61”
Tandem location	25” (From rear face of rear bolster to rear axle center)
Tare Weight	12,350 lbs (approximately)
Payload	77,000 lbs for 20’ loaded or 85,000 lbs for 40’ loaded
3. STEEL STRUCTURE AND COMPONENTS	
Main beam	16"x5" fabricated I-beam with high strength flanges and 6-11/32" height for gooseneck rail
Upper coupler	1/4" pick up plate with JOST 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
Bolsters	Fabricated bolster assembly with high strength plates with 89" centers, equipped with none retractable twist locks
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 30/30 spring brakes on both side of the trailer through third gladhand on front sill
Landing gear	AXN 60,000 lbs capacity, 2-speed 19" travel with low "T" shoes Crank handle is located on the driver's side of the chassis.
Suspension	Hutchens H and CH-9700 US TWS 61" axle spread, 3 leaf springs
Axles	AXN 5" round axles with 22500lb capacity, 71.5" track, 16.5"x7" brake; Stemco bearing/seal, HALDEX 28 spline, HALDEX 6.0" automatic slack adjusters, Stemco P/N 352-4009, hub internally vented; 10 HUB piloted hubs with outboard mounting cast steel drum (1 abs ready rear, 1 non abs front per unit)
Lubricant	Mobilith SHC007 synthetic grease lubricant with metal hubcap
Wheels	Jingu 22.5 x 8.25 hub-piloted wheels
Tires	CHAOYANG 255/70R22.5-16PR tubeless type
Brake System	WABCO/HALDEX 2S/1M ABS brake system; Phillips glad hands 12-0061 and 12-0081 and HALDEX T30/30 stroke brake chamber; 3/8" blue air tube for control and 3/8" red for supply; HOOSIER air tanks; meet FMVSS 121
Electrical	OPTRONICS 12-volt LED lighting with Phillips mold seal wiring harness, meet DOT and SAE standards. The theft proof design is used for 4" LED lighting..
Mud flaps	THACO standard, 24"x 18" all-rubber 3/8" thick mud flaps.
Document holder	Installed on roadside before the landing gear with stainless steel rivets
Container locks	Buffer compact retractable twist locks
Conspicuity tape	Red/White reflective,"3M"brand, installed per F(C)MVSS 108
Painting	Abrasive blast of all metal surfaces – not less than SA-2 to achieve clean bare steel Surface will be coated with marine paint of minimum 70% Zinc- Rich primer and true acrylic aliphatic urethane topcoat, color optional, total thickness not less than 80µm after dry membrane
MISC	THACO standard marking
Option	Hubodometer, PSI tire inflation system