

THINKCAR

MAINTENANCE & WHEEL EQUIPMENT

ThinkCar Europe GmbH
www.thinkcareuro.com

V4.0

THINKCAR

4000KG



THINKCAR LIFT SERIES

01

ThinkCar TVL Series are including scissor lifts, post lifts and electric vehicle lifts, which are mainly used in automobile repair and maintenance, tire positioning, battery pack disassembly and assembly, etc.

5mm+

Thick steel

9mm+

Steel core diameter

2+3-section

Supporting arm

8pieces **+115**Sections

Chains

1. ThinkCar Lift is using high-quality Q235 hot-rolled plates, the 4-ton Two-post lift adopts a thickness of **5mm+** steel materials, while other brands are mainly using 4.75mm thick steel or even less. The scissor lift scissor arms all use Q345 manganese steel solid scissor arms.

2. All oil cylinder seals adopt double-channel welding sealing technology, and the piston seals adopt high-quality polyurethane sealing rings for double-channel sealing.

3. ThinkCar Two-posts lift series are equipped with **2+3-section** supporting arms as standard, which increases the range of movement and is applicable to a wider range of vehicle models.

4. ThinkCar Lift is using anti-falling chain wheel, reliable and safety.

5. ThinkCar Lift has **8** pieces chains and **115** sections, while other brands on the market only supply 7 pieces chains.

6. Steel wire rope with steel core diameter up to **9mm+**, while other brands on the market less than 8mm.

7. The oil cylinder diameter is 40MM, while other brands on the market is 38MM or less.

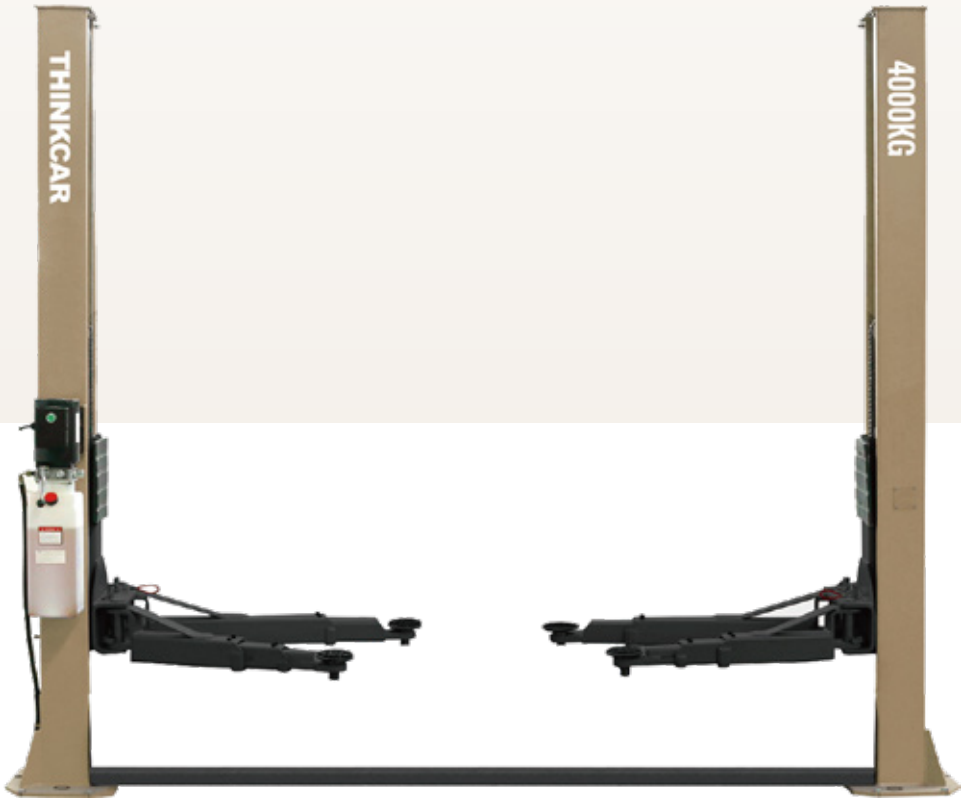
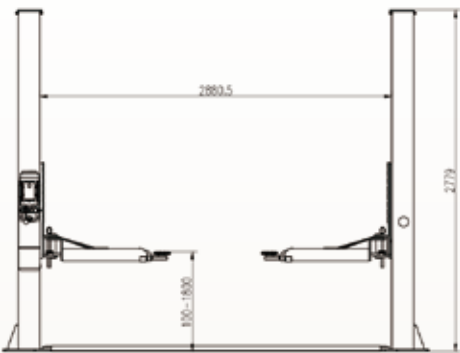
8. The sliding table is using 6MM steel plate, while other brands on the market are mainly 5MM or less.

ThinkCar TVL240/240S

Two-post Lift

- Two-side manual unlocking.
- Steel wire rope balancing system forces the two slides to move synchronously, effectively preventing the vehicle from tilting.
- The oil cylinder 100% passed the pressure holding test, dual hydraulic cylinders, high-strength chain drive system, smooth lifting and lowering.
- High-quality power unit, safe and reliable operation.
- Passed 120% dynamic loading test and 150% static loading test.
- Comply with CE certification.
- The slider is detachable and easy to replace.
- The cable and oil pipes are fully covered.

Remarks: One-side manual unlocking is optional (TVL 240S)



Standard Color: Golden(Color can be customized)

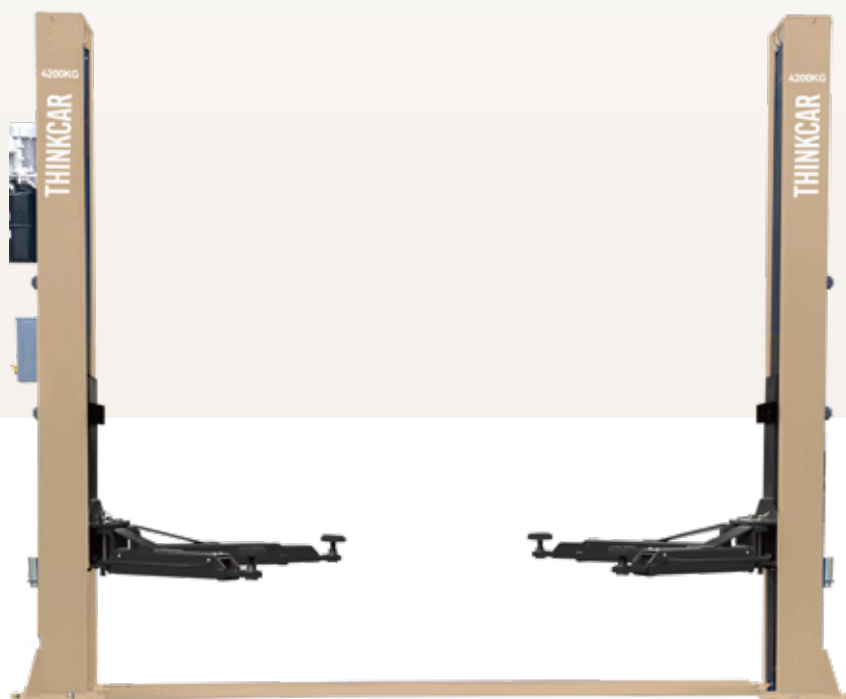
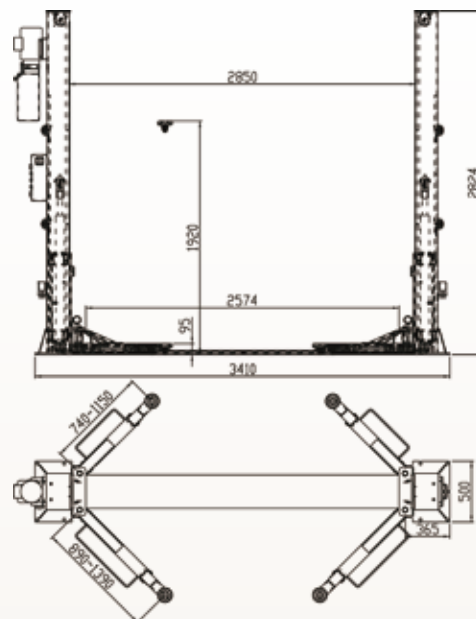
Rated load	4000kg
Lifting height	1800mm
Initial height	100mm
Lifting time	≤50s
Lowering time	≥20s
Power	2.2kw
Voltage	220V/380V

Hydraulic Oil	9L(Winter: N32# Summer: N46#)
Net weight	600kg
Drive mode	Electro-Hydraulic
Working Temperature	-5~40℃
Overall height	2779mm
Overall width	2880mm(inner)/3484mm(out)

ThinkCar TVL242A

Two-post Lift

- Electric unlocking, combined with mechanical safety device to ensure a double insurance mechanism.
- The lifting weight can reach 4200KG, suitable for various types of vehicles.
- The oil pipe has better pressure resistance, and the inner diameter 8mm double steel wire braid has a pressure resistance of 48pa.
- Imported explosion-proof throttle valve to prevent the oil pipe from aging and rupture, and avoid the joint from falling off to avoid injure the personnel.
- 24v cylinder stroke limit switch, effectively protects the cylinder and extends the service life of the cylinder.
- Passed 120% dynamic loading test and 150% static loading test.
- More safety. The lock force past 180KG test.
- Original imported hydraulic cylinder oil seal, good sealing.
- High-quality motor and oil pump, safe and reliable operation.
- Safe and unique design, easy to install.



Standard Color: Golden(Color can be customized)

Rated Load	4200kg
Lifting Height	1920mm
Initial Height	95mm
Lifting Height	2824mm
Post Distance	2850mm
Short Arm	740mm~1150mm
Long Arm	890mm~1390mm
Lift Time	≤50s
Lowering Time	≤30s

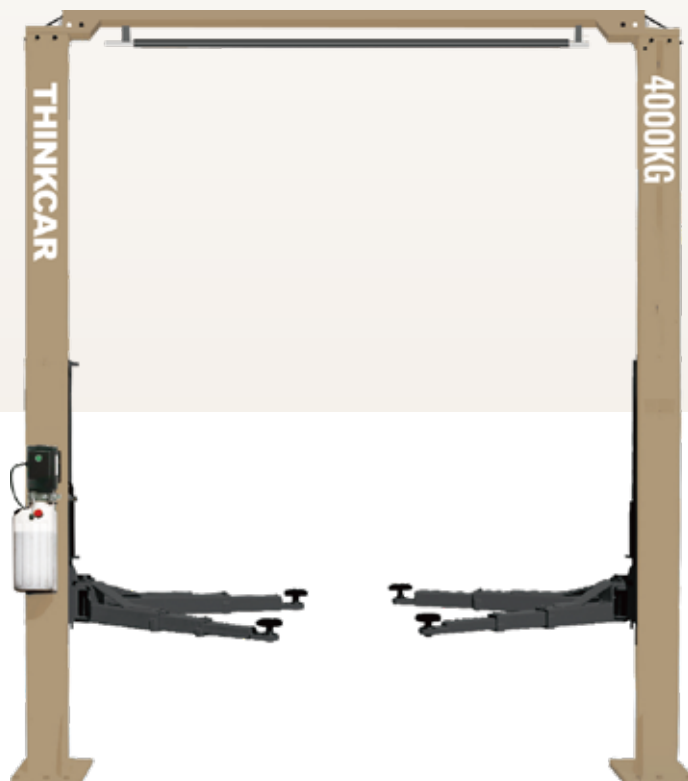
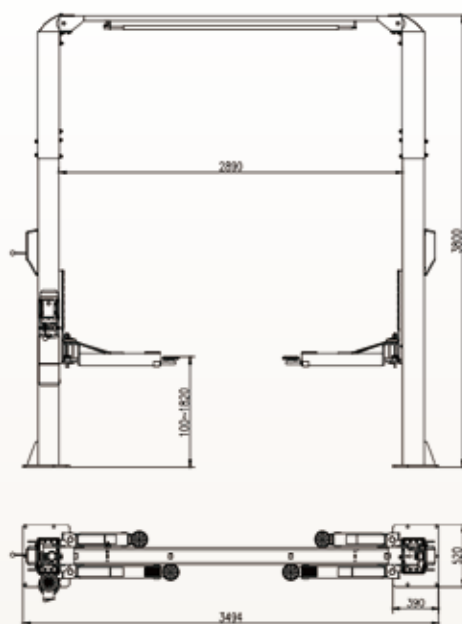
Power	2.2kw
Net Weight/Gross Weight	655kg/675kg
Voltage	220V/380V
Drive Mode	Electro-Hydraulic
Hydraulic Oil	9L, Winter: N32# Summer: N46#
Working Temperature	-10°C~50°C
Packing Size	Main Unit: 2870*500*740mm Pumping Station: 825*245*310mm

ThinkCar TVL340/340S

Clear Floor Two Post Lift

- Two-side manual unlocking.
- Steel wire rope balancing system forces the two slides to move synchronously, effectively preventing the vehicle from tilting.
- The oil cylinder 100% passed the pressure holding test, dual hydraulic cylinders, high-strength chain drive system, smooth lifting and lowering.
- High-quality power unit, safe and reliable operation.
- Passed 120% dynamic loading test and 150% static loading test.
- Comply with CE certification, using 5mm steel materials.
- The slider is detachable and easy to replace.
- The cable and oil pipes are fully covered.

Remarks: One-side manual unlocking is optional (TVL 340S)



Standard Color: Golden(Color can be customized)

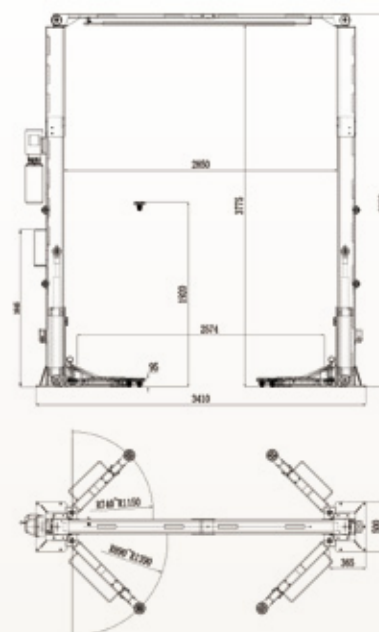
Rated load	4000kg
Lifting height	1800mm
Initial height	100mm
Lifting time	≤50s
Lowering time	≥20s
Power	2.2kw
Voltage	220V/380V

Hydraulic Oil	9L(Winter: N32#, Summer: N46#)
Net weight	665kg
Drive mode	Electro-Hydraulic
Working Temperature	-5~40°C
Height	3800mm
width	2880mm(inner)/3484mm(out)

ThinkCar TVL342A

Clear Floor Two Post Lift

- Electric unlocking, combined with mechanical safety device to form a double insurance mechanism.
- The lifting weight can reach 4200KG, suitable for various types of vehicles.
- The oil pipe has better pressure resistance, and the inner diameter 8mm double steel wire braid has a pressure resistance of 48pa.
- Imported explosion-proof throttle valve to prevent the oil pipe from aging and rupture, and avoid the joint from falling off to avoid injure the personnel.
- Double limit switch to ensure that the roof will not be hit.
- Passed 120% dynamic loading test and 150% static loading test.
- The Hip lock force past 180KG test, reliable and safety.
- Original imported hydraulic cylinder oil seal, good sealing.
- High-quality motor and oil pump, safe and reliable operation.
- Safe and unique design, easy to install.



Standard Color: Golden(Color can be customized)

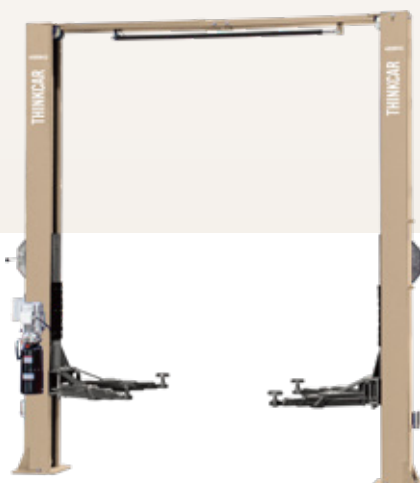
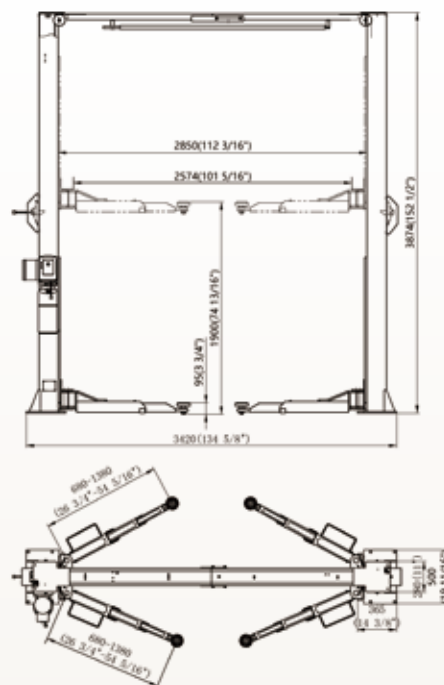
Rated Load	4200kg
Lifting Height	1920mm
Initial Height	95mm
Lifting Height	3892mm
Post Distance	2850mm
Short Arm	740mm~1150mm
Long Arm	890mm~1390mm
Lift Time	≤50s
Lowering Time	≤30s

Power	2.2kw
Net Weight/Gross Weight	685kg/700kg
Voltage	220V/380V
Drive Mode	Electro-Hydraulic
Hydraulic Oil	9L, Winter: N32# Summer: N46#
Working Temperature	-10°C~50°C
Packing Size	Main Unit: 3850*530*740mm Pumping Station: 825*245*310mm

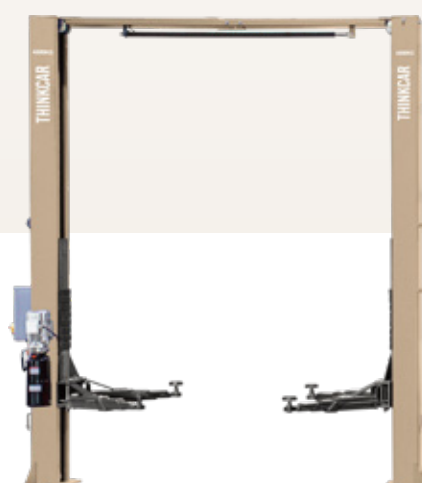
ThinkCar TVL345ST/345AT

Two-post Lift

- Manual one-side unlocking, direct drive by reverse push of the oil cylinder, 1400mm long slide, smoother and safer lifting.
- The lifting weight can reach 4500KG, suitable for more heavier vehicle models.
- The oil pipe has better pressure resistance, and the inner diameter 8mm double steel wire braid has a pressure resistance of 48pa.
- Imported explosion-proof throttle valve to prevent the oil pipe from aging and rupture, and avoid the joint from falling off or causes safety injuries to personnel.
- Double limit switch to ensure that the roof will not be hit.
- Passed 120% dynamic loading test and 150% static loading test.
- Hip lock force 180KG test, high safety.
- Original imported hydraulic cylinder oil seal, good sealing.
- High-quality motor and oil pump, safe and reliable operation.
- Safe, beautiful and generous design, easy to install.



TVL345ST
(Manual Single-Side Unlock)



TVL345AT
(Automatic Unlock)

Standard Color: Golden(Color can be customized)

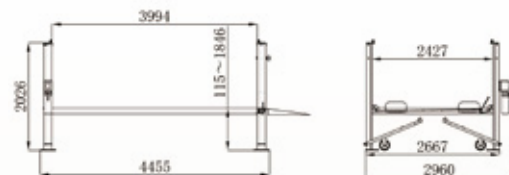
Rated Load	4500kg
Lifting Height	1900mm
Initial Height	95mm
Lifting Height	3874mm
Post Distance	2850mm
Short Arm	680mm~1380mm
Long Arm	680mm~1380mm
Lift Time	≤50s
Lowering Time	≤30s

Power	2.2kw
Net Weight/Gross Weight	769kg/789kg
Voltage	220V/380V
Drive Mode	Electro-Hydraulic
Hydraulic Oil	9L, Winter: N32# Summer: N46#
Working Temperature	-10℃~50℃
Packing Size	Main Unit: 3950*620*880mm Pumping Station:825*245*310mm

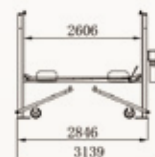
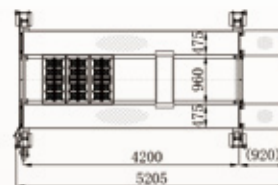
ThinkCar TVL436/436H

Parking Four-post Lift

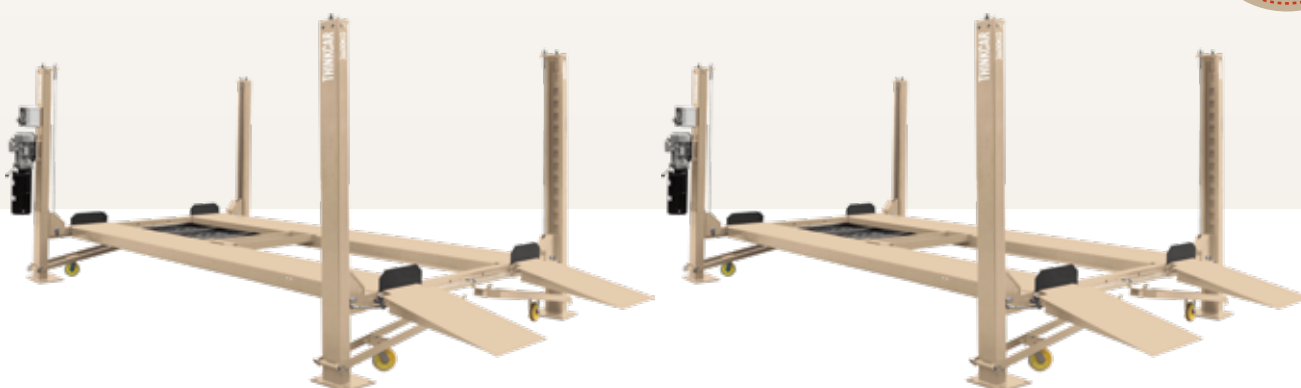
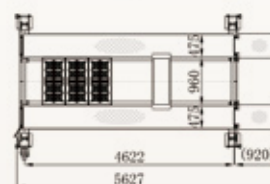
- Manual insurance and mechanical short rope insurance device are combined to form a double insurance mechanism.
- The lifting weight can reach 3600KG, which is suitable for the parking needs of various types of vehicles.
- The oil pipe has better pressure resistance, and the inner diameter 8mm double steel wire braided flag has a pressure resistance of 48pa.
- Imported explosion-proof throttle valve to prevent the oil pipe from aging and rupture, and avoid the joint from falling off or causes safety injuries to personnel.
- 24v cylinder travel limit switch to effectively protect the cylinder and extend the service life of the cylinder.
- Passed 120% dynamic loading test and 150% static loading test.
- Original imported hydraulic cylinder oil seal with good sealing.
- High-quality motor and oil pump, safe and reliable operation.
- Safe, beautiful and generous design, easy to install.



TVL436



TVL436H



TVL436

TVL436H

Standard Color: Golden(Color can be customized)

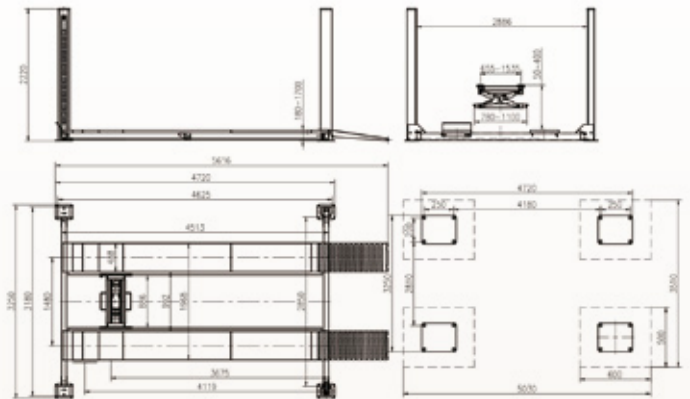
Model	TVL436	TVL436H
Rated Load	3600kg	3600kg
Lifting Height	1846mm	2100mm
Initial Height	115mm	115mm
Lifting Height	2026mm	2280mm
Platform Length	4200mm	4622mm
Platform Width	490mm	490mm
Main Unit Length	5205mm	5627mm
Main Unit Weight	2960mm	3139mm
Lift Time	≤50s	≤50s

Model	TVL436	TVL436H
Lowering Time	≤30s	≤30s
Air Pressure	0.6~0.8Mpa	0.6~0.8Mpa
Power	2.2kw	2.2kw
Net Weight/Gross Weight	750kg/775kg	820kg/845kg
Voltage	220V/380V	220V/380V
Drive Mode	Electro-Hydraulic	Electro-Hydraulic
Hydraulic Oil	10L(Winter: N32# Summer: N46#)	
Working Temperature	-5~40°C	-5~40°C
Packing Size	4210*550*770mm	4650*550*700mm

ThinkCar TVL 440

Four-post Lift

- Pneumatic synchronous unlocking.
- Pillar design, easy to install.
- The platform is made of bent steel plates and the beams are made of square tubes.
- The cylinder adopts front fixation style to eliminate the risk of cylinder breakage.
- The platform spacing is adjustable to adapt to vehicles with different tire spacing.
- Cylinder 100% pressure holding test.
- CE certificate.



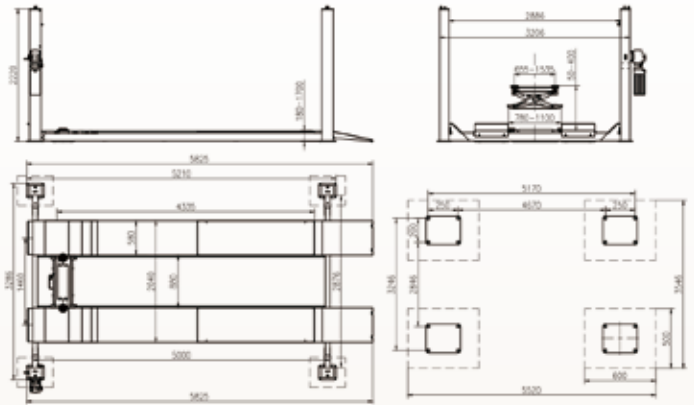
Standard Color: Golden(Color can be customized)

Rated load/Secondary lift	4000kg/2000kg	Power	2.2kw
Lifting height	1700mm+400mm	Voltage	220V/380V
Initial height	180mm	Hydraulic Oil	10L(Winter: N32# Summer: N46#)
Lifting time	≤50s	Net weight	1200kg
Lowering time	≥20s	Drive mode	electro-hydraulic
Platform length	4500mm	Working Temperature	-5-40°C
Platform width	488mm	Air Pressure	0.6-0.8Mpa

ThinkCar TVL450

Four-post Lift

- Pneumatic synchronous unlocking.
- Pillar design, easy to install.
- The platform is made of bent steel plates and the beams are made of square tubes.
- The cylinder adopts front fixation style to eliminate the risk of cylinder breakage.
- The platform spacing is adjustable to adapt to vehicles with different tire spacing.
- Cylinder 100% pressure holding test.
- CE certificate.



Standard Color: Golden(Color can be customized)

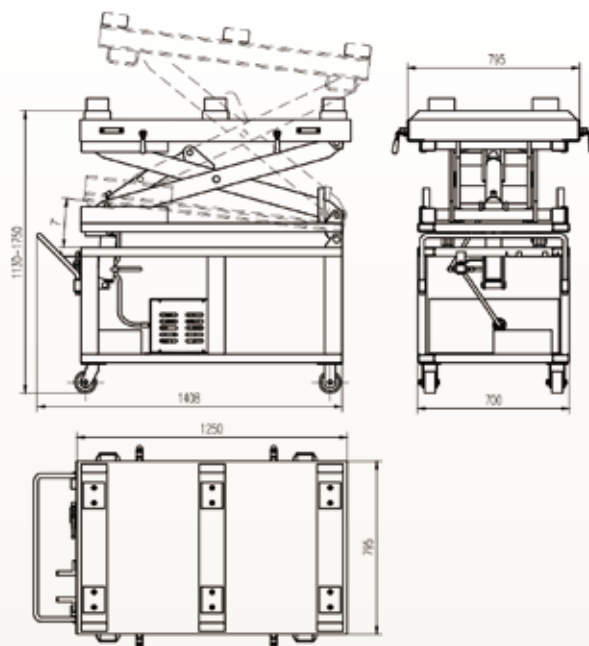
Rated load/Secondary lift	5000kg/2500kg
Lifting height	1700mm+400mm
Initial height	180mm
Lifting time	≤50s
Lowering time	≥20s
Platform length	5000mm
Platform width	500mm

Motor power	2.2kw
Motor voltage	220V/380V
Hydraulic Oil	10L(Winter: N32# Summer: N46#)
Net weight	1500kg
Drive mode	electro-hydraulic
Working Temperature	-5-40°C
Air Pressure	0.6-0.8Mpa

ThinkCar TVL515

Electric Vehicle Battery Pack Lift

- Free installation, maintenance-free, easy to operate.
- Equipped with 2 swivel casters for easy movement.
- Electro-hydraulic, can rise quickly and slowly, fall at a uniform speed, safe and stable.
- 7° tilt design, suitable for disassembly and installation of battery packs in non-horizontal positions.
- Maximum loading capacity up to 1.5 tons, maximum lifting height 1.75m.



Standard Color: Golden(Color can be customized)

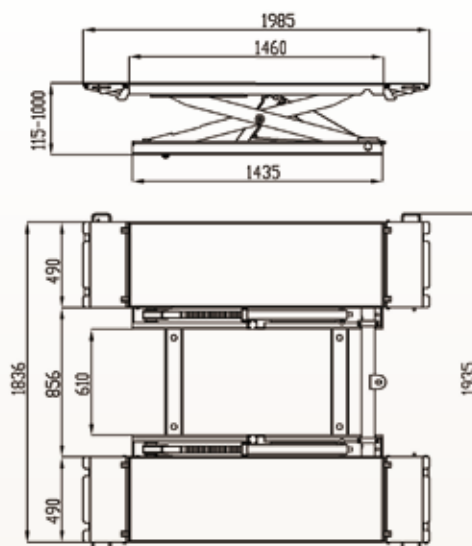
Rated load	1500kg
Lifting height	1750mm
Initial height	1130mm
Lifting time	≤40s
Lowering time	≥20s
Platform length	1250mm
Platform width	795mm

Motor power	2.2kw
Voltage	220V/380V
Hydraulic Oil	7L(Winter: N32# Summer: N46#)
Net weight	300kg
Drive mode	electro-hydraulic
Working Temperature	-5-40°C

ThinkCar TVL530

Mobile Scissor Lift

- The lift can be equipped with easily removable moving rollers, making it easy to move.
- Equipped with a pneumatic unlocking device: when descending, first lift to unlock, then lower to ensure simultaneous unlocking.
- The initial height is 115mm, installed on the ground and comes with an approach bridge.
- Adopting dual oil cylinder drive, mechanical synchronization, and large lifting capacity.
- The hydraulic system adopts high-quality solenoid valves and engineering machinery grade seals.
- Customers can choose to use a manual pump during power outages to lower the car.
- This machine consists of five parts: frame, hydraulic system, pneumatic system, electrical system, and safety device.



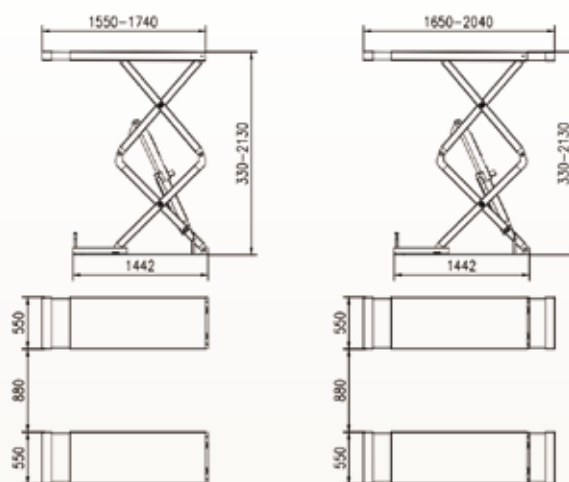
Standard Color: Golden(Color can be customized)

Rated load	3000kg	Net weight	640kg
Lifting Height	1000mm	Power	2.2kw
Initial height	115mm	Voltage	220V/380V
Platform length	1460-1990mm	Drive mode	Electric hydraulic
Platform width	490mm	Hydraulic oil	12L(Winter: N32# Summer: N46#)
Lifting time	≤40S	Working temperature	-5-40°C
Lowering time	≥20S	Equipment size	1665×1845×225mm
Operating air pressure	0.6-0.8Mpa		

ThinkCar TVL635

Scissor lift

- Underground installation, saving work space.
- The platform length is adjustable and suitable for different models.
- Hydraulic volume synchronized cylinder, platform operation is synchronous and stable.
- 24V limit control box, safe, simple and convenient.
- Hydraulic lock and mechanical double-tooth safety claw, double insurance, safe and reliable.
- Overload redundancy design, passed 120% dynamic loading and 150% static loading test.



Standard Color: Golden(Color can be customized)

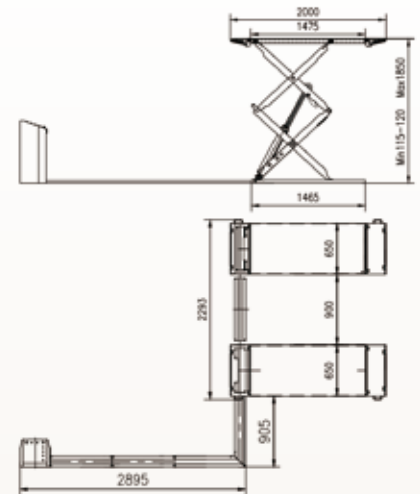
Rated load	3500kg
Lifting height	2130mm
Initial height	330mm
Lifting time	≤55s
Lowering time	≥20s
Platform length	Standard 1550-1740mm, double pull 1650-2040mm
Platform width	550mm

Power	2.2kw
Voltage	220V/380V
Hydraulic Oil	12L(Winter: N32# Summer: N46#)
Net weight	Standard 696kg, double pull-out 722kg
Working Temperature	-5-40°C
Air Pressure	0.6-0.8Mpa
Drive mode	electro-hydraulic

ThinkCar TVL735

Ultra-thin Scissor Lift

- Ultra-thin structure, no need for construction pits, easy installation.
- The approach bridge serves as an extension platform and is suitable for different vehicle types.
- Hydraulic volume synchronous cylinder, the platform operates synchronously and stably.
- 24V limit control box, safe, simple and convenient.
- Humanized safety design, anti-presser foot setting and pneumatic safety lock.
- Using manganese plate support arm and aluminum motor pump station, strong power.
- Overload redundancy design, passed 120% dynamic loading and 150% static loading test.



Standard Color: Golden(Color can be customized)

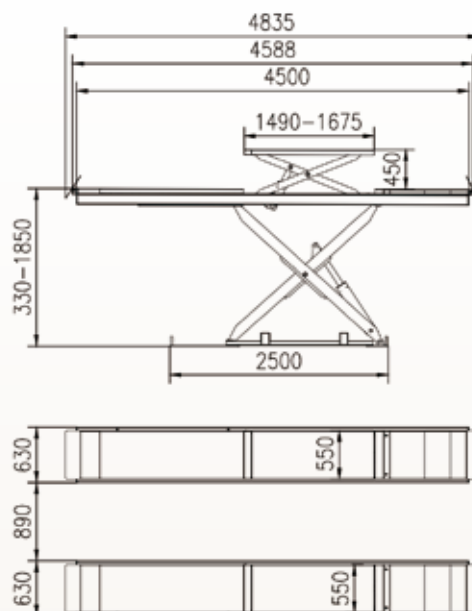
Rated load	3500kg
Lifting height	1850mm
Initial height	115mm
Lifting time	≤50s
Lowering time	≥20s
Platform length	1475-2000mm
Platform width	650mm

Power	2.2kw
Voltage	220V/380V
Hydraulic Oil	12L(Winter: N32# Summer: N46#)
Net weight	870kg
Drive mode	electro-hydraulic
Working Temperature	-5-40°C
Air Pressure	0.6-0.8Mpa

ThinkCar TVL840

Alignment Scissor Lift

- The underground installation saving working space.
- Independent control box, low voltage control, good safety performance.
- Hydraulic volume synchronized cylinder, the platform operates synchronously and stably.
- Hydraulic lock and mechanical double-tooth safety claw, double insurance, safe and reliable.
- Hydraulic failure and overload safety valve protection.
- Adopt oil-free and super wear-resistant material sliding block.
- Equipped with high-quality hydraulic and electrical components.
- Using manganese plate support arm and aluminum motor pump station, strong power.
- The scissors can be pulled out, suitable for extended long vehicle models.
- Integral base, strong horizontal adjustment ability, precise and adjustable precision, especially suitable for four-wheel alignment detection.



Standard Color: Golden(Color can be customized)

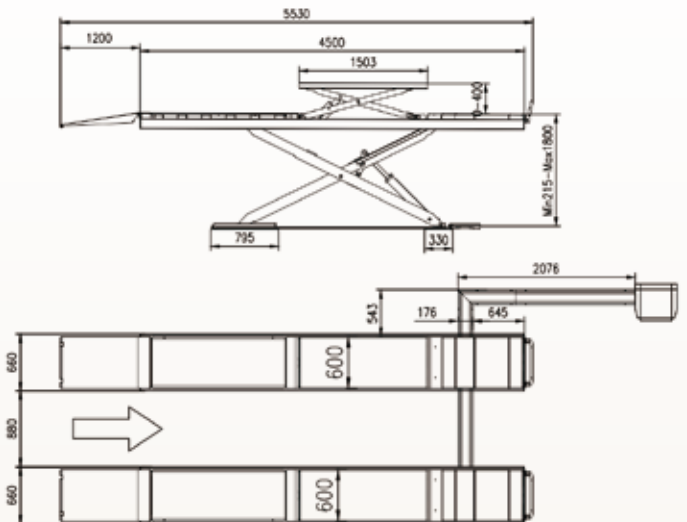
Rated load/Secondary lift	4000kg/3500kg
Lifting height	1850mm
Initial height	330 mm
Lifting time	≤50s
Lowering time	≥20s
Platform length	4500mm
Platform width	630mm

Power	2.2kw
Voltage	220V/380V
Hydraulic Oil	20L(Winter: N32# Summer: N46#)
Net weight	2050kg
Drive mode	electro-hydraulic
Working Temperature	-5-40°C
Air Pressure	0.6-0.8Mpa

ThinkCar TVL940

Ultra-thin Alignment Scissor Lift

- Ultra-thin, easy installation, No pit construction required.
- Independent control box, low voltage control, good safety performance.
- Double cylinder design and synchronized cylinders ensure that the platform operates synchronously and stably.
- Hydraulic lock and mechanical double-tooth safety claw, double insurance, safe and reliable.
- With hydraulic failure and overload safety valve protection.
- Adopt oil-free and super wear-resistant material sliding block.
- Equipped with high-quality hydraulic and electrical components. Integrated base, strong horizontal adjustment ability, precise and adjustable precision, especially suitable for four-wheel alignment detection.



Standard Color: Golden(Color can be customized)

Rated load/Secondary lift	4000kg/3500kg
Lifting height	1800mm
Initial height	215mm
Lifting time	≤60s
Lowering time	≥20s
Platform length	4500mm
Platform width	660mm

Power	2.2kw
Voltage	220V/380V
Hydraulic Oil	20L(Winter: N32# Summer: N46#)
Net weight	2170kg
Drive mode	electro-hydraulic
Working Temperature	-5-40°C
Air Pressure	0.6-0.8Mpa

THINKCAR TIRE EQUIPMENT 02

ThinkCar TTC501

Tire Changer

- Brand-new ergonomic single arm design, more convenience.
- Reserved with DAS assistant arm place.
- 2000-2500kgf aluminum large cylinder, strong power.
- Dual cylinder claw system, high quality air pipe material.
- 3-speed adjustable tire shovel.

Specifications

External Clamping range	10"-21"
Internal Clamping range	12"-24"
Max Wheel Diameter	960mm
Max Wheel Width	315mm
Working Pressure	8-10bar
N.W/G.W	180/200kg
Voltage	110V/220V/380V
Wooden Package Size	97x77x85cm
Tire Shovel Pressure	2000-2500kg



Accessories

Ordinary Inflator	1 pcs
Gasket	1 pcs
Lubricant	1 Box
Crowbar	1 Unit
DAS Arm Assist	Optional
MotorBike Clamp	Optional
IT Fast Inflation Equipment	Optional

ThinkCar TTC 511

Tire Changer

- Swing arm design, easy to operate.
- 58kg dual structure body.
- Reserved holes for installing DAS auxiliary arm.
- 2000-2500kgf aluminum large cylinder, provide strong power.
- New hexagonal pressure rod sheath, adjustable deviation.
- 3-speed adjustable tire shovel.

Specifications

External Clamping Range	10"-21"
Internal Clamping Range	12"-24"
Max Wheel Diameter	960mm
Max Wheel Width	315mm
Working Pressure	8-10bar
N.W/G.W	235/255kg
Voltage	110V/220V/380V
Wooden Package Size	97x77x100cm
Tire Shovel Pressure	2000-2500kg



Accessories

Digital Display Inflator	1 pcs
Gasket	1 pcs
Lubricant	1 Box
Crowbar	1 Unit
IT Fast Inflation Equipment	Optional
MotorBike Clamp	Optional

ThinkCar TTC633

Tire Changer

- Rear tilt arm design for easy sliding.
- 58kg dual structure body.
- 2000-2500kgf aluminum large cylinder, provide strong power.
- The NAAR auxiliary arm applies pressure in all directions, more stable.
- 3-speed adjustable tire shovel.

Specifications

External Clamping range	10"-21"
Internal Clamping range	12"-24"
Max Wheel Diameter	960mm
Max Wheel Width	315mm
Working Pressure	8-10bar
N.W/G.W	325/345kg(Fuselage)
	77/91kg(Arm Assist)
Voltage	110V/220V/380V
Wooden Package Size	97×77×100cm(Fuselage)
	115×52×30cm(Arm Assist)
Tire Shovel Pressure	2000-2500kg



Accessories

Digital Display Inflator	1 pcs
Gasket	1 pcs
Lubricant	1 Box
Crowbar	1 Unit
IT Fast Inflation Equipment	Optional
MotorBike Clamp	Optional

ThinkCar TTC 633 Pro

Tire Changer

- Pneumatic rear tilt arm design.
- With new ULMH surface crowbar automatic disassembly and assembly head.
- 2500-3000kgf aluminum large cylinder, provide strong power.
- The auxiliary arm applies pressure in all directions, is stable up and down, and can be easily disassembled and assembled.
- 3-speed adjustable tire shovel.

Specifications

External clamping range	11"-24"
Internal clamping range	13"-26"
Max Wheel Diameter	1080mm
Max Wheel Width	350mm
Working Pressure	8-10bar
N.W/G.W	430/460kg
Voltage	110V/220V/380V
Wooden Package Size	110×92×190cm
Tire Shovel Pressure	2500-3000kg



Accessories

Digital Display Inflator	1 pcs
Gasket	1 pcs
Lubricant	1 Box
Crowbar	1 Unit
IT Fast Inflation Equipment	Optional
MotorBike Clamp	Optional

ThinkCar TTC733

Tire Changer

- Pedal-controlled Infinitely variable speed motor operation allows for smooth control and improves tire disassembly and assembly efficiency.
- Brand new special step-less variable speed motor, easy to remove and install tires.
- The newly developed patented auxiliary arm operates more smoothly and has stronger structural strength.
- The infinitely variable speed motor is suitable for disassembling and assembling large, hard, flat, and explosion-proof tires.
- Automatically flip the bird's head without using a crowbar. It adopts special thermal surface treatment technology, which is sturdy and durable and has precise angle.
- Ergonomic design makes it easier to disassemble and install flat, wide-bodied, super-hard run-flat tires.
- Ultra-fast center locking device, 3-second quick locking design, adjustable lifting and lowering of the center operating panel, equipped with a universal clamp for easy assembly and disassembly of front and rear tires.
- Tire lifting frame can lift 75kg tires, reducing labor and improving work efficiency.



Specifications

Rim Diameter	13"-28"
Max Wheel Diameter	1100mm
Max Wheel Width	350mm
Working Pressure	8-10bar
N.W/G.W	380/432kg
Voltage	110V/220V/380V
Wooden Package Size	138×113×184cm

Accessories

Digital Display Inflator	1 pcs
Gasket	1 pcs
Lubricant	1 Box
Crowbar	1 Unit
IT Fast Inflation Equipment	Optional

ThinkCar TWB501E

Wheel Balancer

- Manual input, easy to operate.
- With self-calibration program.
- Configure basic modes such as ALU-1, ALU-2, ALU-3a, etc.
- Rotational molded upper cover, durable and reliable.
- The bottom of the box is equipped with a support plate for more accurate dynamic balancing.



Specifications

Rim Diameter	10"-26"
Max Wheel Diameter	960mm
Max Wheel Width	330mm
Balance Accuracy	±1g
Balance Speed	150-220 RPM
N.W/G.W	112/132kg
Voltage	110V/220V
Wooden Package Size	97x58x118m
Body to Spindle Distance	10"
Detect Location	64
Max. Wheel Weight	65kg

Balance Mode	6
Display Operation Interface	Large Keypad

Accessories

Cone Adapter	4 pcs
Wheel Ruler	1 pcs
Balance Block	100g/1pcs
Balance Hammer	1 Unit
6-sides Wrench	1 Pcs
Protective Cover	1 Unit
MotorBike Clamp	Optional

ThinkCar TWB 501

Wheel Balancer

- Manual input, easy to operate.
- With self-calibration program.
- Built-in dynamic and static balancing methods.
- Equipped with basic modes such as ALU-1, ALU-2, ALU-3a, etc.
- Rotational molded upper cover, durable and reliable.
- Lengthened drive shaft, suitable for tire widths up to 415mm.
- The bottom of the box is equipped with a support plate for more accurate dynamic balancing.



Specifications

Rim Diameter	10"-30"
Max. Wheel Diameter	1080mm
Max. Rim width	415mm
Revolution	180-220RPM
Detect Location	64
Voltage	110V/220V
Wooden Size	97×77×115cm
Max. Wheel Weight	65kg
N.W/G.W	120/140kg
Body to Spindle Distance	10"
Balance Accuracy	±1g

Balance Mode	6
Display Operation Interface	Large Keypad

Accessories

Cone Adapter	4 pcs
Wheel Ruler	1 pcs
Balance Block	100g/1pcs
Balance Hammer	1 Unit
6-sides Wrench	1 Pcs
Protective Cover	1 Unit
MotorBike Clamp	Optional

ThinkCar TWB611

Wheel Balancer

- Using magnetic levitation driver.
- 512 angle measurement, the balance is more accurate.
- Support 8 balancing modes.
- Adopt intelligent electromagnetic locking technology.
- Fully automatic measurement of distance, width and diameter.
- Rotational molded upper cover, durable and reliable.
- The bottom of the box is equipped with a support plate for more accurate dynamic balancing.



Specifications

Rim Diameter	10"-30"
Max. Wheel Diameter	1080mm
Max. Rim Width	415mm
Revolution	150-180RPM
Detect Location	512
Voltage	110V/220V
Wooden Size	97x77x115cm
Max. Wheel Weight	80kg
N.W/G.W	120/140kg
Body to Spindle Distance	10"
Balance Accuracy	±1g

Balance Mode	8
Display Operation Interface	Professional Keypad

Accessories

Cone Adapter	4 pcs
Wheel Ruler	1 pcs
Balance Block	100g/1pcs
Balance Hammer	1 Unit
6-sides Wrench	1 Pcs
Protective Cover	1 Unit
MotorBike Clamp	Optional

ThinkCar TWB 633

Wheel Balancer

- Using magnetic levitation driver.
- 512 angle measurement, more accurate balance.
- Support 11 balancing modes.
- Adopt intelligent electromagnetic locking technology and laser positioning technology.
- Cross laser positioning, no human judgment required.
- Fully automatic measurement of distance, width and diameter.
- Rotational molded upper cover, durable.
- LED display, intuitive presentation.



Specifications

Rim Diameter	10"-30"
Max. Wheel Diameter	1080mm
Max. Rim Width	415mm
Revolution	150-180RPM
Detect Location	512
Voltage	110V/220V
Wooden Size	97×77×115cm
Max. Wheel Weight	80kg
N.W/G.W	120/140kg
Body to Spindle Distance	11.2"
Balance Accuracy	±1g

Balance Mode	11
Display Operation Interface	Professional Screen & Keypad

Accessories

Cone Adapter	4 pcs
Wheel Ruler	1 pcs
Balance Block	100g/1pcs
Balance Hammer	1 Unit
6-sides Wrench	1 Pcs
Protective Cover	1 Unit
MotorBike Clamp	Optional
Width Ruler	Optional

ThinkCar TWB733

Wheel Balancer

- Using magnetic suspension driver
- 512 angle measurement, the balance accuracy is 4 times that of ordinary fully automatic
- Supporting 11 balance modes (including three motorcycle modes)
- Adopting intelligent electromagnetic locking technology and laser positioning technology
- Cross laser positioning, no need for human judgment
- Roto-molded upper cover, durable
- Built-in LCD display, 3D simulated animation tire dynamic balance status, intuitive and atmospheric
- Advanced rotation brake (ASB), quadruple frequency coding technology (QFM)
- Automatic ruler
- Intelligent storage



Specifications

Rim Diameter	10"-30"
Max.Wheel Diameter	415mm
Max. Rim Width	1080mm
Main Unit to spindle distance	11.2"
Balancing Accuracy	±1g
Balance Speed	150-180RPM
Detect Location	512
Operation Interface	3D LCD Display
Balance Mode	11
Max.Wheel Weight	80kg
Net/Gross Weight	124/149kg

Voltage	110V/220V
Wooden Size	97*77*115cm

Accessories

Cone Adapter	4 pcs
Wheel Ruler	1 pcs
Balance Block	1 pcs
Balance Hammer	1 unit
6-sides Wrench	1 pcs
Protective Cover	1 unit
Motorcycle Clamp	Optional

ThinkCar TFJ330 Dual Pump Jack

- Dual pump design makes the lifting faster.
- Low- position design with 85mm low entry minimum jack pad height.
- Magnetic pad tool tray, convenient and fast.
- Thickened front wheels and 360°universal wheel, reliable and easy operation.
- Side panel folding design to improve the loading capability.
- The operating lever is equipped with foam for better user experience.



Item No.	TFJ 330
Capacity	3Ton
Min.H(A)	85mm
Lifting.H.(B)	415mm
Max.H.(C)	500mm
Size(DxExF)	702×343×158mm

CTN Size	765×420×215mm
N.W	34.5kgs
G.W	36kgs
Quantity20' container	420Pcs
Quantity40' container	690Pcs

ThinkCar TFJ340 Dual Pump Jack

- Dual pump design makes the lifting faster.
- Low- position design with 100mm low entry minimum jack pad height.
- Magnetic pad tool tray, convenient and fast.
- Thickened front wheels and 360°universal wheel, reliable and easy operation.
- Side panel folding design to improve the loading capability.
- The operating lever is equipped with foam for better user experience.



Item No.	TFJ 340
Capacity	4Ton
Min.H(A)	100mm
Lifting.H.(B)	433mm
Max.H.(C)	533mm
Size(DxExF)	751×359×162mm

CTN Size	817×451×231mm
N.W	44kgs
G.W	47kgs
Quantity20' container	350Pcs
Quantity40' container	535Pcs

ThinkCar THT118

Tire Tread Depth Gauge

- **High Measurement Accuracy**
Measurement accuracy can reach 0.1mm.
- **Multiple measurement modes for more versatile applications**
Supports both full-tread measurement and single-groove measurement modes to meet diverse tire application requirements.
- **Compact and portable design for easy and convenient use**
Compact size for easy portability. Over 80% of vehicle models support non-disassembly/non-lifting measurement, making it simple and practical.
- **Unlock more comprehensive tire data**
Supports more tire specifications, measuring up to a maximum width of 180mm.
Supports DOT identification for tire warranty and production date recognition.
Supports retrieval of comprehensive reports including wear level assessments, braking distance analyses, and replacement/maintenance recommendations.
- **One-click sharing, linked to terminal devices**
Support one-click sharing of QR codes to view inspection reports and maintenance recommendations.
It can be used in conjunction with terminal devices to synchronously display and save measurement results.



CPU	RK3326s
Memory	2GB
Storage	32GB
Screen	3.97 inch LCD touchscreen with 800*480 resolution
Measuring Camera	2-megapixel
Photography Camera	8-megapixel
Measurement Accuracy	0.1mm
Measurable Tread Depth	2-15mm

Communication Method	Wi-Fi (support 2.4GHz/5GHz dual-band) Bluetooth
Battery	5000mAh/3.7V
Charging Input	DC 5V/2A
Operating Temperature	0~45°C
Storage Temperature	-20~60°C
N.W/G.W	2.1kg/2.5kg
Package Dimensions	348*137*273mm

ThinkCar TFJ Jack Stand Series

- **3-6TON Loading Capacity**

ThinkCar TFJ 103 and TFJ 106 provide 3-6TON loading capacity, to meet different vehicles repair needs.

- **Reliable and High Quality**

The TFJ Jack Stand is using 2.5mm to 3mm thickness steel, reliable and high quality.

- **Safety and Stable**

The reliable locking mechanism and anti-slip design ensure that the vehicle can be firmly supported after being lifted, effectively reducing the risk of accidents.

- **Small and Easy to Store or Carry**

The compact design makes it easy to store and carry, and is suitable for storage in limited spaces. This design is not only convenient for professional maintenance personnel, but also suitable for DIY enthusiasts to repair and maintain vehicles at home.

- **Wide application**

suitable for a variety of scenarios, including vehicle maintenance, tire replacement, chassis inspection, etc. It has strong versatility and can meet the needs of different users. Both home users and professional auto repair shops can benefit from it.



ThinkCar TFJ103



ThinkCar TFJ106



Specifications

Model	TFJ 103	TFJ 106
Loading Capacity(Ton)	3	6
Minimum Height(mm)	H303±5	H392±5
Lift Height(mm)	130	230
Maximum Height(mm)	433±5	622±5
Product Size(mm)	L201*W164	L265*W212
Packing Size(mm)	290*210*270	370*290*350
Net Weight//2pcs(kg)	6.5	12.7
Gross Weight//2pcs(kg)	6.9	13
Quantity 20'Container(pcs)	1700	810
Quantity 40'Container(pcs)	3620	1600

ThinkCar 3D Wheel Aligner

- 5 MP HD Industrial Camera.
- Small and high quality Target.
- Wide application.
- Massive database from original factory.
- Report print function (Optional).
- Moveable locator (For 825M Model ONLY).
- Multi-language Support.
- Industrial grade Main Unit.
- Unique design for easy movement.

1-Year
Warranty

**NEW
ARRIVAL
2024**



ThinkCar TWA 825



ThinkCar TWA 825M



ThinkCar TWA 825 Lite

ITEMS	Front Wheel Measurement Accuracy	Front Wheel Measurement Range	Rear Wheel Measurement Accuracy	Rear Wheel Measurement Range
TOE	±0.02	±20°	±0.02	±20°
CAMBER	±0.02	±15°	±0.02	±15°
S.A.I	±0.02	±26°	×	×
CASTER	±0.02	±26°	×	×
THRUST	×	×	±0.02	±5°

THINKCAR MAINTENANCE EQUIPMENT

03

ThinkCar GDI200

• Wide Application

GDI 200 support not only standard injectors but also GDI injectors and Piezoelectric injectors including EFI, SFI, SPI,GDI, Piezoelectric Injectors.

• Enhanced Cleaning & Testing

Intelligent detection of fuel injection nozzle performance such as sealing, resistance, working voltage, sensitivity etc. GDI 200 comes with a cooling fan, its ultrasonic cleaning capacity is significantly enhanced, with a power of 60w.

• Automatic Cleaning & Testing

Automatic cleaning, testing and real-time parameter adjustment of the fuel injectors.

• 6-Cylinder High Efficiency

GDI 200 is with 6-Cylinder, which can test and clean 6 injectors at the same time with higher efficiency.

• Various Parts equipped&Portable Drawer

GDI 200 is equipped with a flexible drawer stored a variety of injector accessories for different needs.

• Multi Voltage Selection

GDI 200 provides various types of voltage output (12V, 70V, 90V, 120V, 150V, 180V) to be selected to adapt for different types of injector testing.

• Automatic Testing Fuel Inject Type and performance

GDI 200 can automatically detect injector type and testing conditions, 12V or piezoelectric. If the testing injector is 12V, it can test the injector resistance and minimum pulse width. If it is a piezoelectric, it can automatically identify the operating voltage and detect the injector's operating voltage.



Fuel Injects Support	EFI, SFI, SPI,GDI, Piezoelectric Injectors
Input Power	AC220V~50/60Hz or AC110V~60Hz
Ultrasonic cleaning power	60W
Working Pressure	0-8bar
Inlet Pressure air	3-8bar
Pulse Width	0.5~25ms/ 0.1ms
Oil Tank Capacity	4L

Resistance Test Accuracy	0.1Ω
Dimensions	420×440×503mm
RPM range	100~9900rpm
Packing Size	460×490×555mm
Main Unit Weight	20.4 KG
Gross Weight	24.7KG

ThinkCar GDI300

Ultrasonic Fuel Injector Cleaner & Tester

- **Support Multiple Operating Modes and Various Injector Types**

Support EFI (12V), GDI (65V), or PIEZO (140V) operating modes based on injector type to clean and test various injector types.

- **Ultrasonic Powerful Cleaning Technology**

The high-power ultrasonic cleaning device can simultaneously clean multiple injectors, effectively removing deposits.

- **Low Resistance Test**

Support up to 6 injectors internal resistance test by using a pulse signal line to determine if the injector circuit is functioning properly.

- **Comprehensive Injector Performance Testing**

By simulating various engine operating conditions, the system performs leak testing, uniformity/atomization testing, and injection volume testing to comprehensively test injector performance.

- **Automatic Mode**

Supports pre-set parameters to automatically perform various injector tests under specific conditions.

- **Unique design**

Equipped with a 7-inch color screen, it offers easy operation and intuitive display.



Power Input	AC110V, 50Hz/60Hz; AC220V, 50Hz/60Hz
Power Supply	500W
Display	7.0-inch color
Ultrasonic Cleaner Power	100W
Pulse Width/Step	0.1-25ms/0.1ms
Analog Speed Range/Step	100-9900rpm/10rpm
Resistance Test Range	0-250kΩ
Oil Tank Capacity	2500ml

Timer Range	1-9999s
Working Pressure	0-9bar
Ambient Temperature	0°C-45°C
Ambient Humidity	<85%
Ambient Magnetic Field Strength	<400A/m
Dimensions	464*400*550mm
Weight	26kg
Packing Dimensions	508*465*610mm

ThinkCar AC100 Pro V2.0

Enhanced Refrigerant Recovery Machine



- **Support automatic mode, simplify and efficient**
Support manual mode and automatic mode. The machine can automatically completes all tasks such as pulse cycle cleaning, recycling, vacuuming, leak detection, quantitative filling, etc. according to the set process, which improves the work efficiency of automobile air conditioning maintenance.
- **10-inch touch screen, full digital presentation.**
10-inch touch screen, various parameters, alarms, results, operation prompts and other information of the equipment are presented in digital and graphical form, and the interaction is simpler and more intuitive.
- **Multi-language Support**
Storage upgrade, customizable language, USB upgrade, which is more convenient and simplify.
- **Built-in extensive database**
Covers the commonly vehicle model data on the market, and can automatically match the refrigerant filling amount according to the vehicle model, making maintenance more convenient.
- **Integrate air conditioning leak detection and maintenance**
Use high-sensitivity sensors to realize the vacuum leak detection function of the air conditioning system; configure high-precision electronic scales, compressors, etc., to achieve high-precision refrigerant recovery and filling. Integrate air conditioning leak detection and maintenance, one device meets multiple needs.
- **Equipped with printer**
The corresponding language text of the system settings can be printed out according to needs, including the total working time, single function usage time and various material usage (such as recovery volume, oil discharge volume, filling volume, etc.)



Model	AC100 Pro(V2.0)	Vacuum Pumping	✓
Power Supply	AC110V/AC220V 50Hz/60Hz	Leak detection	✓
Power	1000W	Refrigeration oil filling	✓
Display	10-inch touchscreen	Fully automatic operation	✓
Vacuum Pump Capacity	128L/min	Automatic oil drain	✓
Main Unit Packing Size	735*670*1292mm	Filling Pipelines	HP/LP/HP+LP
Net Weight/Gross Weight	110kg/135kg	Add New Oil	Automatic/manual/customizable
Applicable Refrigerants	R134a/R1234yf	Vacuum pump oil quick change	✓
Applicable Vehicles	fuel-powered vehicles, new energy vehicles, hybrid vehicles	Filter drier capacity	120kg
Operating System	Android	Refrigerant database	✓
Upgrade Manner	With Cable/Wifi	Printer	✓
Remote Control	✓	Working Window	✓
AC Pipeline Cleaning	✓	Oil Tank	Old/PAG/POE/UV dye Oil Tank

ThinkCar AC100 V3.0

Enhanced Refrigerant Recovery Machine



- **Automatic Working Mode**
Support parameter setting in advance to complete the work according to the instructions.
- **Reliable and Safety Operation**
Support automatically stop and alarm when there is a problem with the replacing process to ensures the safety of the equipment and vehicle.
- **Build-in Database**
The build-in database to help matching the corresponding vehicle refrigerant type and filling amount to improve efficiency.
- **Unique Design**
With the large size transparent viewing window and the LED background light, the operation process and data is clearly visible.
- **Equipped with a micro-printer to print out the total working hours and materials used.**
- **Equipped with a small tank interface to add small tank of refrigerant.**



Model	AC100(V3.0)	Vacuum Pumping	✓
Power Supply	AC110V/AC220V 50Hz/60Hz	Leak detection	✓
Power	700W	Refrigeration oil filling	✓
Display	7-inch color display	Fully automatic operation	✓
Vacuum Pump Capacity	42L/Min, 5Pa (for 220V); 50L/Min, 5Pa (for 110V)	Automatic oil drain	✓
Main Unit Packing Size	707*585*1292mm	Filling Pipelines	HP+LP
Net Weight/Gross Weight	86kg/112kg	Add New Oil	Automatic/manual/customizable
Applicable Refrigerants	R134a/R1234yf	Vacuum pump oil quick change	NA
Applicable Vehicles	Fuel-powered vehicles	Filter drier capacity	60kg
Operating System	-	Refrigerant database	✓
Upgrade Manner	With Cable	Printer	✓
Remote Control	NA	Working Window	✓
AC Pipeline Cleaning	✓	Oil Tank	Old/New Oil Tank

ThinkCar TTE780

Automatic Transmission Oil Changers



- The system comes with the latest "standard oil quantity of each model" database.
- Regular maintenance function.
- The device comes with a data printing function.
- New and old oil temperature display function.
- Electronic scale one-key clear function.
- Fully automatic oil change guiding function for various models.
- Automatic transmission cycle cleaning function.
- Automatic filling function.
- Automatically reduce the automatic transmission oil quantity function.
- New oil heating function (optional).
- Automatic transmission radiator hydraulic pressure visual display.
- Fully automated replacement of new and old oil in the gearbox.
- Large size touch screen, user-friendly, convenient and practical.
- Fully automated intelligent electronic control of the high-precision equivalent exchange of new and old oil.
- Fully automatic identification of oil inlet and outlet direction / intelligent conversion automatic shifting box in and out of oil direction.



Ambient temperature	-10~40°C
Equal exchange error	±0.01L
Relative humidity	<85%
Voltage	DC12V
Maximum power	150W
Pressure gauge	0~150psi
Touch screen size	7 inches

Oil filter accuracy	5μm
Oil pipe	2.5m
Oil return pipe	2.5m
Oil drainpipe	1.5m
Oil tank	20L×2
Noise	<70db
Net weight	50kg

ThinkCar TTE810



- TBuilt-in vehicle oil database.
- Routine maintenance of automatic transmission.
- Built-in data printing function.
- New and old oil temperature display function.
- One-key reset function for electronic scale.
- Fully automatic vehicle oil change guidance function.
- Automatic transmission cycle cleaning function.
- Automatic filling of automatic transmission oil function.
- Automatic reduction of automatic transmission oil function.
- New oil heating function.
- Automatic transmission radiator oil pressure intuitive display.
- Fully automatic transmission new and old oil replacement function.
- Large touch screen display, humanized, convenient and practical.
- Fully automatic intelligent electronic control of new and old oil high-precision equal exchange.
- Fully automatic identification of oil inlet and outlet direction/intelligent conversion of automatic transmission oil inlet and outlet direction.



System	Android
Screen Size	10-inch
Language Support	11
Heating Function	Standard
Upgrade Interface	Yes

Voltage	AC 110V/220V
Printer	Standard
Size	59*55*112cm
Other	Support build-in video player

ThinkCar TOR218

Engine Oil Changer

- **Large-Size Oil Catch Pan**

A large-size 10L oil catch pan with leak-proof design and oil filter to prevent impurities from entering the oil drum.

- **Height Adjusted**

Features a height adjusted lifting rod to meet with different scenarios.

- **360°Swivel Casters**

Equipped with 360°Anti-wear silent casters with built-in brake for easy and safe mobility.

- **Equipped with 5 pcs oil pipe**

Equipped with 5 pcs different diameter corrosion-resistant oil pipe, $\Phi 5$ -1Pcs, $\Phi 6$ -2Pcs, $\Phi 8$ -2Pcs various vehicle oil inlets.

- **Explosion-proof tempered glass measuring cup**

The cup is made of explosion-proof tempered glass with high strength, resistance to high temperature, up to 120°C.



Model	TOR 218	Oil receiving pan	10L
Air Supply Pressure	6~8bar	Oil temperature	40~80°C
Oil discharge Pressure	0. 6~0.8bar	Packing Size	530×530×1030mm
Air consumption	150L/Min	Oil pipe	5 pcs
Vacuum level	0~65cmHg	$\Phi 5 \times L700\text{mm}$ (Pvc , 1Pcs)	Oil extraction speed: 1.9 L/Min
Tank capacity	70L	$\Phi 6 \times L700\text{mm}$ (Pvc, 2Pcs)	Oil extraction speed: 3.7 L/Min
Cup capacity	10L	$\Phi 8 \times L700\text{mm}$ (Pvc, 2Pcs)	Oil extraction speed: 6.5 L/Min

ThinkCar TOR618

Multi-functional Waste Oil Recovery Machine

- **Large-Size Oil Catch Pan**

A large-size 10L oil catch pan with leak-proof design and oil filter to prevent impurities from entering the oil drum.

- **Height Adjusted**

Features a height adjusted lifting rod to meet with different scenarios.

- **360°Swivel Casters**

Equipped with 360°Anti-wear silent casters with built-in brake for easy and safe mobility.

- **Equipped with 5 pcs oil pipe**

Equipped with 5 pcs different diameter corrosion-resistant oil pipe, $\Phi 5$ -1Pcs, $\Phi 6$ -2Pcs, $\Phi 8$ -2Pcs various vehicle oil inlets.

- **Explosion-proof tempered glass measuring cup**

The cup is made of explosion-proof tempered glass with high strength, resistance to high temperature, up to 120 C .

- **Equipped with 61 pieces oil filler wrench**

The screw set covers nearly all vehicle models on the market, with the precision chrome-plated surface, non-slip design, which is wear-resistant and durable, strong locking force.



Model	TOR 618
Air Supply Pressure	6~8bar
Oil discharge Pressure	0.6~0.8bar
Air consumption	150L /Min
Vacuum level	0~65cmHg
Tank capacity	70L
Cup capacity	10L

Oil receiving pan	10L
Oil temperature	40°C~80°C
Packing Size	810*500*90mm,480*430*480mm
Oil pipe	5pcs
$\Phi 5 \times L700$ mm(Pvc , 1Pcs)	rate of pumping:1.9 L/Min.
$\Phi 6 \times L700$ mm(Pvc, 2Pcs)	rate of pumping:3.7 L/Min.
$\Phi 8 \times L700$ mm(Pvc, 2Pcs)	rate of pumping:6.5 L/Min.

ThinkCar PLD

Series Automotive Leak Tester

• **Wide Applications**

The PLD 222 is universally applicable to all types of vehicles, supports comprehensive detection across all systems in your vehicles, including but not limited to EVAP, EGR, Vacuum, Engine, Intake, Exhaust, Fuel Tank System and various pipe fittings.

• **Brand new Design**

Compact patented design. Small and portable, the overall weight is only 3kg.

• **One Key to Switch TURBO and EVAP Mode!**

Support both turbo and EVAP mode. Easy to switch and use!

• **Easy to use**

Features a faster and more powerful built-in air pump motor, no need to rely on external compressor. With a pressure range of 1.2 bar to 3.5kpa, and a smoke output of 12L/Min, the PLD 222 is easy to conduct smoke tests anywhere.

• **Air Mode & Smoke Mode**

Provides two test mode. The air intake flow and smoke output are adjustable.



PLD-222
(TURBO+EVAP)



PLD-212
(EVAP)



PLD-212
(TURBO)

Voltage	DC12V	DC12V	DC12V
Current	6A	8A	8A
Pipeline Length	2.5m	2m	2m
Power Supply Cable	1.5m	2m	2m
Main Unit Flow Amount	0-12L/Min	0-12L/Min	0-12L/Min
Air Pump Flow Amount	8-15L/Min	8-15L/Min	8-15L/Min
Oil Volume	30ml	45ml	45ml
Max. Output Pressure	1.2bar-TURBO Mode 4.0kpa-EVAP Mode	4KPa	16PSI
Weight	3KG	3KG	3KG
Warranty	1-Year	1-Year	1-Year

ThinkCar TBT Battery Tester

- Support charging system test, starting system test
- Quickly detect battery health, including battery voltage, resistance, service life, current, etc.
- 2.8 inch TFT LCD Display with backlight.
- High-voltage protection, which can automatically turn off the power when exceeds to 35V.
- Support report printing (Apply for TBT 360 Pro ONLY).
- CE, RoHS certification with 1 year warranty.



TBT 360



TBT 360 Pro

Screen Size	2.8-inch
Measuring battery range	3AH-360AH
Measuring voltage range	7V-30V

Working temperature	-20°C to 50°C
Special Test Clamp	Two-Conductor Kelvin Clamp
Shell material	Acid-resistant ABS plastic

ThinkCar TES401 Video Endoscope

- Check the fuel system (fuel injector, spark plug, valve and combustion chamber) for carbon deposits, and check the carbon deposit cleaning effect.
- Can be used for inspection of automobile pipelines and parts.
- Suitable for rapid qualitative inspection of areas that are difficult to access (small, dark).
- With high temperature protection function.
- With two-way 180° steering function.
- Specific image saving and playback functions.
- Support multi-language operation.



Lens size	6.0mm
Pixel	2 million
Depth of field	20-100mm,
Perspective	70°
Number of LEDs	6 bright LEDs
Tube length	1M
Tube material	wear-resistant metal hose
Screen size	5 inches

Battery	3000 mAh
Usage duration	≥ 3 hours
Recording resolution	JPG (1280 * 720)
Language	Supports 12 languages
Storage	8GB TF
Steering angle	180° in both directions
Bending radius	35mm
Working temperature	tube-10°C~80°C; machine-10°C~50°C

ThinkCar ES501 360°4-Way Endoscope

- **4-Way 360° Rotation**
The ES501 features a highly responsive joystick-controlled probe that offers 360° full-circle rotation for easy directional adjustment, ensuring every detail is captured.
- **5" Monitor with HD Video**
The ES501 supports both photo and video functions. Its 5-inch IPS color LCD display delivers vibrant and clear visuals.
- **Unique Ergonomic Design**
Allows one-handed operation for steering control, power-on, photo capture, video recording, and light adjustment – saving both time and effort.
- **2200mAh High-Capacity Battery**
Equipped with a 2200mAh high-performance polymer battery that features large capacity and low energy consumption, supporting over 3 hours of continuous operation.
- **IP67 Water-Resistant Lens**
The lens is constructed with special sealing materials, making it waterproof, oil-resistant, and corrosion-resistant.
- **6 Adjustable LED Lights**
Features six adjustable LED lights with three-level brightness control, accurately illuminating details in dark environments.
- **High-Temperature Alarm**
When temperature reaches 80°C, the device automatically triggers an alarm and stops lens operation, providing reliable protection.



Lens size: 6.2mm(±0.25)
Pixel: 1million
Depth of field: 30-100mm
Perspective: 70°
Number of LEDs: 6 bright LEDs
Tube length: 1.5M
Tube material: wear-resistant metal hose
Screen size: 5 inches
Battery capacity: 2200mAh

Power consumption: 600±20mA
Usage duration: ≥3 hours
Photo/Video resolution: JPG/AVI 1280*720
Screen resolution: 480*854
Language: Supports 8 languages
Storage: 8GB TF
Steering angle: Maximum 210°
Steering: 4-way Articulating
Bending radius: 47mm

THINKCAR TES102

Video Endoscope

- 1-button quick image capture and video recording function and can record and play back images and video clips.
- Ergonomic design, One-hand control of photo taking, video recording, and lighting adjustment, rotation etc.
- Equipped with 6 high-brightness LED lights to make the inspection more clearly.
- 1280x720 high resolution, high brightness, full viewing angle.
- Fast real-time image processing functions.



Camera Probe	5.5mm
Resolution	1280*720
Angle	74°
Focal Length	3-8cm
Frame Rate	30fps
Screen Size	/
Cable	900mm
Light Source	6 Unites LED
Operating Temperature	-10°C~80°C (Flexible Tube), -10°C~50°C (Main Unit)
Working Hours	4H
Steering Angle	NA

THINKCAR TES303 Pro

Video Endoscope

- Two-way 180°rotation.
- 1-button quick image capture and video recording function and can record and play back images and video clips.
- Ergonomic design, One-hand control of photo taking, video recording, and lighting adjustment, rotation etc.
- Equipped with 6 high-brightness LED lights to make the inspection more clearly.
- 1280x720 high resolution, high brightness, full viewing angle.
- Fast real-time image processing functions.



Camera Probe	6.2mm
Resolution	1280*720
Angle	100°
Focal Length	2-8cm
Frame Rate	30fps
Screen Size	/
Cable	950mm
Light Source	6 Unites LED
Operating Temperature	-10°C~80°C (Flexible Tube), -10°C~50°C (Main Unit)
Working Hours	Work with Smart Phone
Steering Angle	Two-way180°

ThinkCar PTC107

Thermal Imaging

- **Wide Application**
Support -20°C~550°C wide temperature range detection to meet the needs of extreme scenes. Equipped with high-performance infrared sensor, the resolution is up to 256*192 pixels. The temperature difference detection accuracy is $\pm 2^{\circ}\text{C}$.
- **Unique Design**
The unique and compact design, 2.8-inch HD screen to show temperature images and generate professional reports.
- **With 4 image modes and 6 color palettes**
Equipped with infrared and visible light dual camera mode, support 4 measurement image modes: thermal imaging, visible light, fusion and picture-in-picture mode. 6 color palettes for users to choose gradient colors to read the temperature difference in the scene, which can be used for car maintenance inspection.
- **Rugged and reliable**
Past the drop-test, with IP54 case to protect the camera from dirt, dust and oil. 3 temperature measurement modes
Provides center point/highest temperature/lowest temperature measurement modes, and support video recording to meet different needs of recording abnormal scenes!
- **Ultra-long battery life**
The battery life is up to 10 hours after 4-H fully charged.



Detector Type: Vanadium oxide (VOx) microbolometer	Industrial temperature measurement: -20~550°C
Infrared Resolution: 256*192	Temperature Measurement Error: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
Pixel Size: 12 μm	Temperature Measurement Display: Center point, highest
NETD: $\leq 40\text{ mK}(@25^{\circ}\text{C}, \text{F}\#1.0)$	temperature point, lowest temperature point temperature display
Working Band: 8~14 μm	Screen Size: 2.8 inch
Frame Rate: 25Hz	Visible Light Camera: 2MP (1600*1200)
Focal Length: 3.5mm	Power: 1.6W
Field of View: 50°*37.2°	Interface: Type C
IFOV: 3.43mrad	Battery: Non-removable 3200mAh
Focus Mode: Focus-free	Protection Level: IP54
Working/Storage Temperature: -10~50°C / -20~60°C	Size: 240*88*72mm
Temperature Measurement Range:	Weight: 335g

ThinkCar PTC207

Thermal Imaging

- **High-precision temperature measurement**
The PTC207 is equipped with a high-performance infrared sensor, the resolution up to 256*192 pixels, temperature difference detection accuracy up to $\pm 2^{\circ}\text{C}$. It also supports -20°C~550°C wide temperature range detection to meet the needs of extreme scenarios.
- **Portable design, works with smartphone**
The PTC207 is small and lightweight, plug and play, compatible with most mobile phones with Type-C interface. One-click operation with APP, real-time display of thermal map.
- **Intelligent analysis and early warning**
The PTC207 adopts intelligent AI technology to automatically identify abnormally high/low temperature areas and marks potential fault points. It supports multi-point temperature measurement and regional comparison.



Infrared resolution	256x192	System Support	Android
Operating/Storage Temperature	-10~50°C/-20~60°C	Water-proof	IP54
Temperature measurement range	Industrial temperature measurement: -20~550°C	Size	60*39*13.5mm
Power consumption	$\leq 0.38\text{W}$	Weight	30g
Interface Support	Type C		

ThinkCar Portable Car Battery Charger

- Intelligent Chip-Six major protections for enhanced safety: reverse polarity protection, under-voltage protection, over-current protection, short-circuit protection, over-voltage protection, and overheating protection.
- Pulse Repair Technology: Effectively activates and repairs batteries with sulfation, long periods of inactivity, under-voltage, and those that are not charging properly, ensuring efficient battery repair and long-term use.
- PPS 10 Seven-Stage Charging, PPS 30 and PPS 100 Eight-Stage Charging: Gentle and continuous battery repair without damaging the battery.
- Power Supply Mode: Provides a stable voltage power supply with an adjustable voltage range of 12 to 14.9V.
- Alternator Test: Detects voltage changes in the battery to confirm whether the car's internal alternator and DC charger are functioning properly.
- Pure Copper Tin-plated Core Wire: Low resistance, high conversion rate, corrosion-resistant, and anti-oxidative, extending the service life of weak current cables.
- Anti-oxidation Metal Housing: High hardness, corrosion-resistant, and capable of withstanding extreme temperatures.
- Dual-fan Large Lattice Air Intake Design: Rapid noise reduction and cooling, effectively reducing operating temperature.
- Reinforced Alligator Clips with Insulated Handles: Do not deform at high temperatures, universally applicable for batteries.
- Pure Copper Motor Core and High-frequency Pure Copper Transformer: Powerful, fast charging, safe and convenient with a high conversion rate, durable for a long service life, ensuring the use of genuine materials.



ThinkCar PPS 10



ThinkCar PPS 30



ThinkCar PPS 100

Specifications

Product Model	PPS 10	PPS 30	PPS 100
Application Type	6V/12V Lead-Acid Batteries and Lithium Iron Phosphate Batteries	12V/24V Lead-Acid Batteries and Lithium Iron Phosphate Batteries	12V Lead-Acid Batteries and Lithium Iron Phosphate Batteries
Input Voltage(V)	110V/220V	110V/220V	110V/220V
Output Current(A)	2/5/10	5/10/20/30	5/10/30/60/100
Maximum Output Power (W)	150	900	1500
Display Screen	Digital Tube	LCD Screen	LCD Screen
Applicable Battery Capacity (Ah)	8-100	30-360	40-1000
Operating Temperature	For indoor use, -20°C to 40°C	For indoor use, -20°C to 40°C	For indoor use, -20°C to 40°C
Power Cord Length(m)	1.5	1.5	1.5
Clamp Cable Length(m)	0.5	1.5	1.8
Product Dimensions(cm)	23.5×10.5×8.5	24.5×19.5×8.5	40×23×10
Product Weight(kgs)	1.6	2.5	6
Certifications	CE	CE	CE

ThinkCar TJS120/160

- Start dead batteries in seconds with this compact, yet powerful, 12000-16000-amp lithium battery jump starter, up to 20 jump starts on a single charge.
- Strong power, and rated for gasoline engines up to 6.0-liters and diesel engines up to 4.0-liters.
- Super Safety with improved charging efficiency and compatibility, featuring spark-proof technology and reverse polarity protection, anti-short circuit, anti-over-discharge.
- Support jump start from -20 °C to 65 °C with wide application. Plus, with 5V-2.4A/ QC 3.0 out port for powering any 5V-9V DC devices, such as smartphones, tablets, and other USB devices.
- Integrated up to 120 Lumen high brightness LED flashlight and SOS for emergency use.



Size	L180×W92×H46mm
Vehicle Support	12V, gasoline: 6.0-liters, diesel: 4.0-liters
Input Voltage Current	Type-C5V-3A
Battery Capacity	12000mAh/16000mAh
Power On	500A (instantaneous current 1000A)/1000A(instantaneous current 2000A)
Charging Time	5/7H
Working Temperature	-20°C~65°C

ThinkCar VENU TPMS Tool Kit

- Multifunctional TPMS Programmer VENU 90
- The tool kit comes with intelligent TPMS programmer, VENU 90, to provide TPMS diagnose, integrated
- TPMS activate, program and relearn function.
- OE-Level TPMS Sensor
- The tool kit comes with 4 OE-Level TPMS VENU 5 sensor, which can replace 95% OE sensor. The
- lifespan can be 4-6 Years, support unlimited programming.
- Equipped Efficient Tire Disassembly Tools
- The tool kit provides a full set of reliable tire disassembly tools, include cross-shaped and L-shaped tightening tire wrench and more, to make sure fast and efficient disassemble the tires.
- Wide Application
- The tool kit is widely used in auto repair shops, Tire manufacturer, DIY, easy to carry.



Warranty: VENU 90	1-Year, VENU 5: 2-Year, Other Tools in the box: Lifetime
Box Size L/W/H	455*365*125mm
Working Temperature	-10°C~50°C
Storage Temperature	-20°C~60°C
Battery-VENU 90	3000mAh/3.7V
TPMS Lifespan-VENU 5	4-6Years

ThinkCar ARW462 Automotive Repair Workstation

EXTRA-LARGE STORAGE, ALL-IN ONE WORKSHOP!

THINKCAR Automotive Repair workstation provide efficient all-in-one solution for workshop. The unique design, extra-large storage room, 7-drawer and cabinet makes it an ideal choose for automotive repair. The full station is made of steal, which is reliable, high quality, and easy to install.



Advantages

- Provide extra-large storage and large workspace.
- Flexible combination of the cabinet, provide full solution for automotive repair.
- All-steel cabinet, high quality with long life span.
- Equipped with power supply socket, to provide a better user experience.
- Equipped with LED energy-saving lamp, high efficiency and energy saving.
- Equipped with high-quality 7-drawers, strong load capacity, silent push and pull.
- Versatile application, suitable for automobile repair shops, factory workshops and other places.

Easy to Install

Flexible Combination



Specifications

Model No.: ARW 462
Station Size L/W/H: 4260 X 600 X 2000mm

Carton packaging

Tabletop: 220x60x8cm
Upper hanging cabinet: 94x80x46.5cm
7-drawer small cabinet: 80x49.5x70cm
Large cabinet (two): 73x62x84cm
Large cabinet (two): 73x62x101cm

Accessories list

Step hanger	2 pcs
Hanging box	2 pcs
Double hook hanger	8 pcs
Single hook hanger	16 pcs

ThinkCar Tool Cart

A modular tool cart system engineered for high-intensity operations in automotive repair workshops, featuring dual-core design integrating Spatial Efficiency Optimization System + Industrial-Grade Mobility Platform, achieving 90% faster tool access efficiency. Ideal for 4S dealerships, quick-service chains, and heavy-duty truck maintenance facilities.



ThinkCar TPC300

Model	TPC300
Overall dimensions [L*W*H]	67.2 x 42.2 x 81.85cm
Storage tank size	67 x 42 x 5.6cm
Weight	16.2KG
Caster specification	3 inch
Sheet thickness	1.0mm



ThinkCar TPC400

Model	TPC 400
Overall dimensions [L*W*H]	50.2 x 42.2 x 110.5cm
Storage tank size	50 x 42 x 5.6cm
Weight	19.4KG
Caster specification	3 inch
Sheet thickness	1.0mm



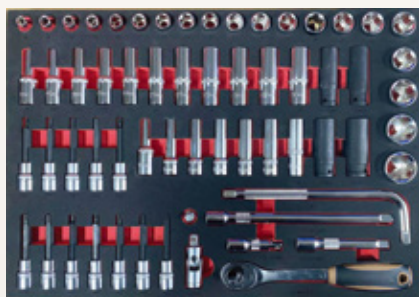
ThinkCar TPC101

Model	TPC 101
Overall dimensions [L*W*H]	59 x 65 x 125cm
Storage tank size	39.4x39.8x13.3cm
Weight	38KG
Caster specification	4 inch
Sheet thickness	1~3mm

ThinkCar TTK333

General Tool Kit

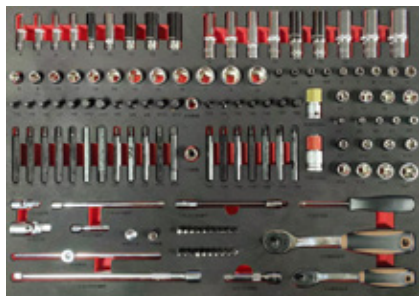
- Built-in 333 pieces of daily use tools, tool specifications are complete, for quick maintenance, improve the efficiency of maintenance services, to meet the needs of the majority of car repair.
- The drawers use heavy duty stacked ball slides to extend the life of the drawer, and the extended extension distance enables the drawer to be pulled open 100% of the time.
- Self-locking drawers solve the problem of not having to open and close the locks frequently at any time, which increases the service life of the locks to a certain extent.
- The body material is made of cold-rolled steel plate, with an overall thickness range of 1.0-2.0mm.
- Comes with anti-wear 5-inch universal brake feet and 5-inch 360° rotation casters, Push-pull is light and silky, and can be moved anywhere.
- Plastic storage cover: anti-static, corrosion-resistant, wear-resistant, edge collision protection, storage and classification into one.
- Box contouring: sprayed plastic makes the body scratch-resistant and the colour remains as good as new.
- Material selection moulding: the overall material selection of high-quality GB/Q235 moulding, coupled with the process with the design, making the body load-bearing and durability is more guaranteed.



The 1st Drawer:
61-piece 12.5mm series
socket tool holder kit



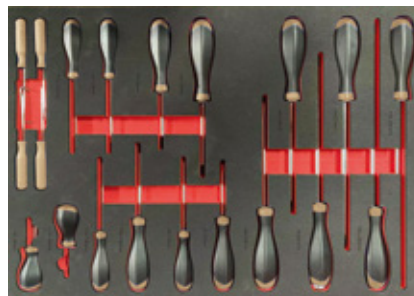
The 2nd Drawer:
131-piece 6.3mm and 10mm series socket
tool holder kit



The 3rd Drawer:
26-piece wrench tool holder kit



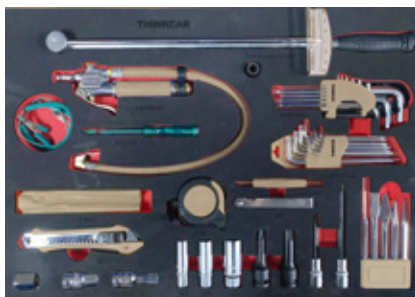
The 4th Drawer:
20-piece screwdriver tool holder kit



The 5th Drawer:
16-piece pliers tool holder kit



The 6th Drawer:
51-piece mechanic's tool holder kit



The 7th Drawer:
28-piece mechanic's tool kit



Small drawer size	570×400×65mm
Large drawer size	570×400×150mm
Overall dimensions	790×480×1020mm
Packing large drawer size	820×550×940mm

Material thickness	1.0-2.0mm
Overall load capacity	400kg
Net weight	64kg
Gross weight	68kg

ThinkCar TTK88

New Energy Tool Kit

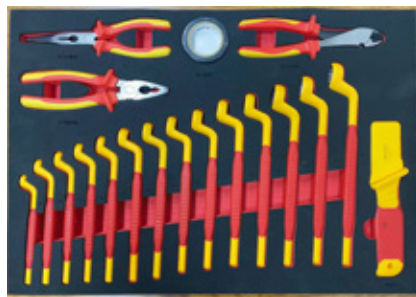
- Built-in 88-piece VDE insulated high-voltage tool kit, capable of meeting the needs of most new energy vehicle disassembly, assembly, and maintenance operations on the market.
- The insulated tools feature an ergonomic dual-color rubber handle, made from flame-retardant and high-voltage-resistant materials, offering excellent safety and enhanced comfort during operation.
- The insulated tools have all passed the German VDE and GS certifications and comply with the IEC60900 high-voltage 1000V safety standard.
- The drawers use heavy duty stacked ball slides to extend the life of the drawer, and the extended extension distance enables the drawer to be pulled open 100% of the time.
- Self-locking drawers solve the problem of not having to open and close the locks frequently at any time, which increases the service life of the locks to a certain extent.
- The body material is made of cold-rolled steel plate, with an overall thickness range of 1.0-2.0mm.
- Comes with anti-wear 5-inch universal brake feet and 5-inch 360° rotation casters, Push-pull is light and silky, and can be moved anywhere.
- Plastic storage cover: anti-static, corrosion-resistant, wear-resistant, edge collision protection, storage and classification into one.
- Box contouring: sprayed plastic makes the body scratch-resistant and the colour remains as good as new.
- Material selection moulding: the overall material selection of high-quality GB/Q235 moulding, coupled with the process with the design, making the body load-bearing and durability is more guaranteed.



The 1st Drawer:
22-piece VDE Insulated High-Voltage
Open-End Wrench Set



The 2nd Drawer:
19-piece VDE Insulated High-Voltage
Combination Wrench Set

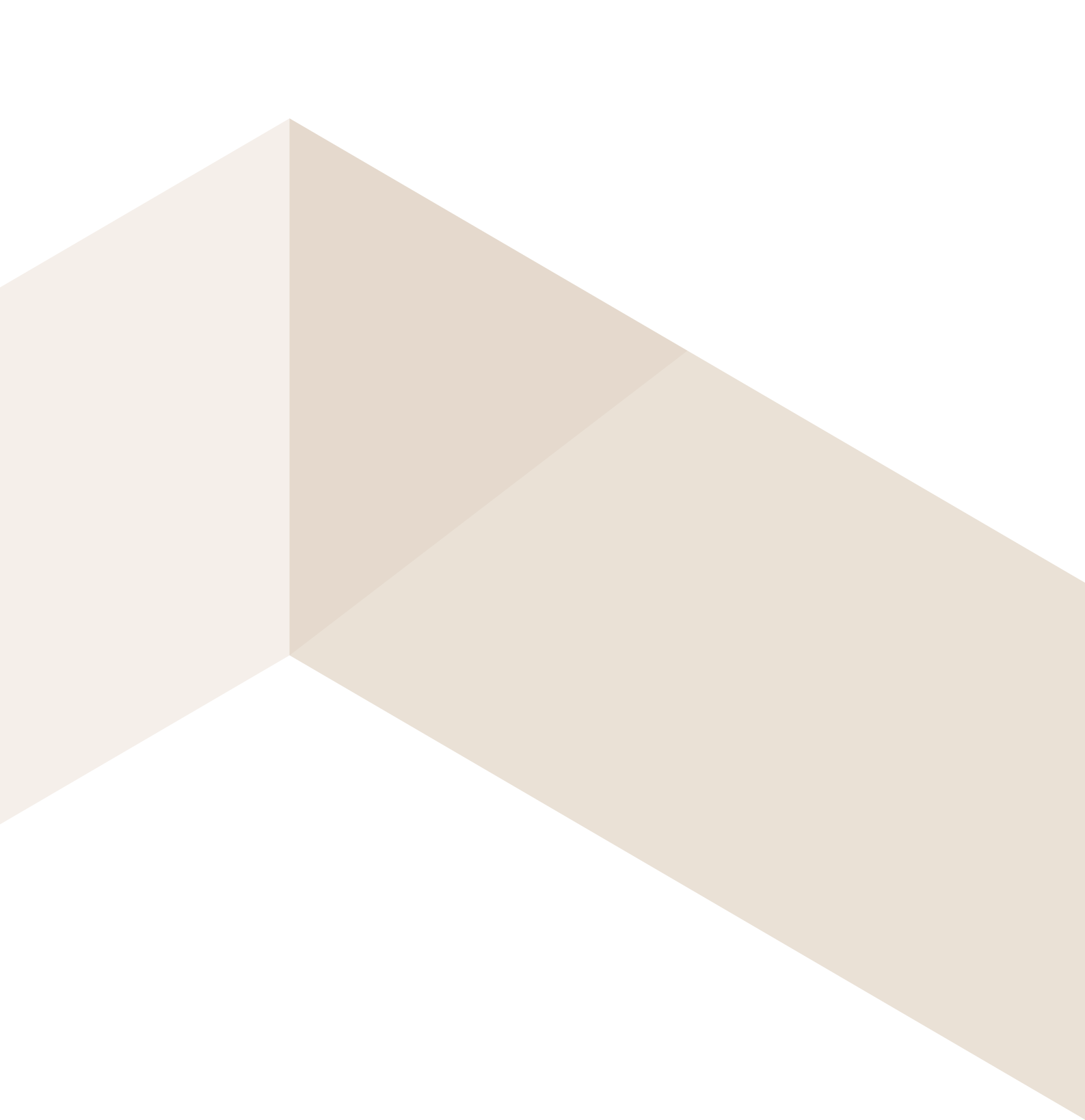


The 3rd Drawer:
47-piece VDE Insulated High-Voltage
Tool Kit



Small drawer size	570×400×65mm
Overall dimensions	790×480×1020mm
Packing large drawer size	820×550×940mm
Material thickness	1.0-2.0mm

Overall load capacity	300kg
Net weight	51kg
Gross weight	55kg



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