

LAUNCH



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Focus & Innovate

PRODUCT CATALOG



YT PERFECT MACHINERY CO.,LTD

#LAUNCH AUTO EQUIPMENT SINCE 1992

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X431 PAD VII (ECU) 13.3inch screen ONE IS ENOUGH!!!!



39 SERVICE FUNCTIONS



X-431 PAD VII

Operation System Andorid 9.0
CPU 2.0GHz Octa-core
Display 13.3' touch screen
Memory 8GB
Storage 256GB
Camera Rear 13MP, Front 8MP
WiFi Dual Band 2.4 & 5GHz
Communication WiFi
Working Temperature
0°C~50°C
Dimension 353*236*71 mm

Smartlink

Display 3.5' touch screen
320*480
Memory 256M
Storage 8GB
WiFi Dual Band 2.4 & 5GHz
Diagnostic Communication
WiFi & BT & USB
Work Temp 0°C~50°C
Dimension 204*110*45 mm
Package: 68x21x48cm
Weight 13kg

1. Full system vehicle coverage for U.S., Asian and European markets over 110 brands, which is continually updated
2. Upgrade and expand the X-431 PAD VII with more software and service via the new module 'MALL' as demanded
3. Real-time voltage display helps technician to monitor the voltage condition of vehicle during the diagnosis
4. Topology mapping gives a visual checking on DTCs and all systems communication status
5. Support automotive communication protocols CAN/CANFD/DoIP and automotive communication standards J2534/D-PDU/RP1210
6. Auto-detects the communications protocol of the vehicle and assist to check automotive OBDII port pin damaged or not
7. Intelligent diagnostic enable identify VIN automatically and access system quickly
8. Guided function for VW and AUDI
9. Optional ADAS calibration function increases more revenue
10. Advanced coding and programming function
11. An extended solutio to support TPMS service
12. 2.4GHz & 5GHz dual band communication ensures quick and stable connection
13. Empower technician to diagnose light, medium & heavy duty vehicles with Smarlink C
14. The basic functions include read & clear DTC, remote diagnosis, Bi-directional control, live data graph, wireless software update etc.
15. Build-in repair information and training video modules help to track and fix issue fast

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L0120 X431 PROS V5.0



- ◆ Host a higher version of the system, larger storage, more durable battery life, so that diagnosis faster and more stable
- ◆ More durable
- ◆ Upgraded to DBSCAR VII diagnostic connector with CANFD and DOIP support
- ◆ Wide model coverage, strong diagnostic function, support the whole model of the whole system diagnosis
- ◆ Support to read version information, read code, clear code, read data stream, action test, set code,
- ◆ Matching etc
- ◆ Support tire pressure activation, programming, learning and detection with tire pressure gun
- ◆ Supports functions such as anti-theft programming with X-PROG 3
- ◆ Support for Volkswagen Audi and other guiding functions (optional)
- ◆ Multiple expansion modules support: endoscope, BST-360, oscilloscope, sensor, wifi play
- ◆ imprinter
- ◆ Support maintenance lights to zero, throttle matching, steering Angle reset, brake pad reset, tires
- ◆ Pressure reset and other 37 special work functions
- ◆ Intelligent VIN code recognition function is supported to quickly enter the diagnosis



- ◆ 1.Remote diagnosis can realize real-time communication between equipment and equipment or equipment and computer, complete
- ◆ remote diagnosis of vehicles, and make it a reality for repair technicians to diagnose vehicles thousands of miles away.
- ◆ Support with endoscope, battery detection, oscilloscope, sensor, anti-theft programmer and other expansion modules to use, so that
- ◆ the diagnostic function is more powerful.
- ◆ 2.Supports one-click networking upgrade of client software, vehicle software, and connector firmware. New intelligent upgrade func-
- ◆ 3.The information center integrates maintenance data, general information and equipment information, and is an information query
- ◆ tion, which can automatically select common software according to the user's software usage, for users to quickly upgrade.
- ◆ center. Maintenance information contains the operation skill, fault code help, automobile maintenance technical manuals and security
- ◆ database; General information provide a wide range of vehicle maintenance and repair video and information website online query,
- ◆ Device information includes product manuals, FAQ.
- ◆ 4.When the user encounters the model and function abnormality under special circumstances in the process of use, the feedback
- ◆ can be provided to the Yuan Zheng company through diagnosis, and there will be specialized technical personnel to track and deal
- ◆ 5.Each diagnosis automatically generates a vehicle diagnosis record, which is easy to view and compare at any time to help locate
- ◆ with the problem in time.
- ◆ faults.
- ◆ 6.You can check the supported brands, models, systems and features online at any time.
- ◆ 7.Support online purchase of out-of-configuration software, functions and some hardware, software renewal, etc., more functions are
- ◆ online.

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L0102 X431 PAD V



39 SERVICE FUNCTIONS



X-431 PAD V

Operation System
Android 7.1 (open system)
Display 10.1", 1920*1200
CPU 2.0GHz, Octa-core
Memory 4GB
Storage 128GB
Battery 9360 mAh
Camera Rear 13MP, Front 8MP
VCI Connection 2.4GHz/5GHz dual Wi-Fi
Dimension 320*211*46 mm
Interface TYPE A*1 & TYPE C*1

Smartlink

Display 3.5" touch
screen 320*480
Memory 256M
Storage 8GB
WiFi Dual Band 2.4 & 5GHz
Diagnostic Com WiFi & BT & USB
munication
Work Temp 0°C~50°C
Dimension 204*110*45 mm

- ◆ 1. Full vehicle system coverage for over 110 brands in the world, which is continually updated
- ◆ 2. Full-function scan tool for both cars and trucks
- ◆ 3. Support J2534, DoIP, CAN FD and other protocols with SmartBox 3.0 connector
- ◆ 4. Automatically identify VIN upon connection to the vehicle for intelligent diagnosis
- ◆ 5. Remote diagnosis allowing you to work on a vehicle from your tool without being on-site
- ◆ 6. Read all OTC types for full system, view, graph and record data PIDs, support bi-directional controls, actuation test and all other diagnostic functions
- ◆ 7. Guided function for Volkswagen and Audi
- ◆ 8. Advanced coding and programming function
- ◆ 9. ADAS calibration function is optional
- ◆ 10. One-Click Upgrade and silent install for software
- ◆ 11. Diagnostic records and reports can be stored in the cloud without any concern of data missing
- ◆ 12. Integrated database with comprehensive vehicle service and repair information
- ◆ 13. The latest 2.4 & 5GHz Dual Wi-Fi with high transfer speed, strong anti-interference and long-distant diagnosis ability
- ◆ 14. IP65 case with exceptional damage resistance to the water and dust for workshop use
- ◆ 15. Docking & charging station included with QC3.0 Quick Charge technology
- ◆ 16. Support USB Type C & Type A

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L0104 X431 PRO 3S+ V5.0



33 SERVICE FUNCTIONS



Parameters	Specifications
Model	X-431 PRO3S+ V5.0
OS	Android 10.0
Memory	4GB
Storage	64GB
Screen	10.1 inch
Battery	6300mAh
Resolution	1280*800 pixels
Camera	Rear 8 Megapixels
Wi-Fi	2.4GHz/5GHz (Dual Frequency)
Ports	TYPE A *1 & TYPE C *1
Working Temp.	0°C~50°C
Dimensions	274*190.5*40.5 mm

- Smartlink
- Display 3.5' touch screen 320*480
- Memory 256M
- Storage 8GB
- WiFi Dual Band 2.4 & 5GHz
- Diagnostic Com WiFi & BT & USB
- munication
- Work Temp 0°C~50°C
- Dimension 204*110*45 mm

- ◆ The tablet has a higher version system, larger storage, and longer battery life, making diagnosis faster, more stable, and more durable.
- ◆ Upgraded to DBSCAR VII diagnostic connector, supports CANFD and DoIP
- ◆ Supports Topology Mapping diagnosis
- ◆ Wide car model coverage, strong diagnostic function, supports full system diagnosis of all supported car models
- ◆ Support VIN code automatic identification function to quickly enter diagnosis
- ◆ Supports reading version information, code reading, code clearing, reading data stream, action testing, coding, matching, etc.
- ◆ Supports Volkswagen Audi guidance function
- ◆ Supports tire pressure activation, programming, learning and detection functions with X-431 TSGUN
- ◆ Supports anti-theft programming with X-PROG 3
- ◆ Multiple expansion modules support: endoscope, BST-360, oscilloscope, sensor, wifi printer
- ◆ Supports 37 special functions such as maintenance light reset, throttle matching, steering angle reset, brake pad reset, tire pressure reset, etc.

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L0106 X431 IMMO PLUS



Name	Parameter
◆ Processor	2.0GHz74-core
◆ Operating system	Android 10.0
◆ Memory	4GB
◆ Storage	64GB
◆ Battery	47880mWh(7.6V6300mAh)
◆ Display	8-inch.1280*800
◆ Camera Rear	8MP
◆ WIFI	2.4GHZ/5GHZ(dual frequency)
◆ Interface	TYPE A*1&TYPE C*1
◆ Operating temperature	0-50℃
◆ Size	234*166*39.5(mm)

39 SERVICE FUNCTIONS



Name	Description
Vehicle key slot	Used to place the vehicle key to perform key matching function
DB26	Used to connect anti-theft cables, such as the data acquisition cable of 4th generation instrument keys all lost, etc.
Infrared slot for Benz key	Used to place the Mercedes-Benz infrared key to perform the key matching function
Vehicle key chip hole	Used to place the key chip to perform the key matching function
Status indicator	Power supply indicator lamp
DIY slot	Used to connect the anti-theft ECU pin through the cable to read and write data
Locker	Install the chip burn-in socket to complete the EEPROM or MCU data reading and writing operations
DC12V power supply	Connect DC12 power supply
DB15	Connect the main harness

Features:

- ◆ Strong core, large memory, super battery life
- ◆ It integrates professional anti-theft matching, anti-theft programming, full-model system-wide diagnosis of plus functions and special functions. One machine with multiple functions and high performance cost ratio.
- ◆ All-round anti-theft matching, fast and accurate reading of anti-theft data
- ◆ Covering the anti-theft matching function of many models in Asia, Europe, and America, more brands continue to be launched, up to 60+ brands
- ◆ Support the full-model system-wide diagnosis of plus functions (read version information, read DTCs, clear DTCs, read data streams) for global 110+ brands
- ◆ Support 39 special functions such as service lamp reset, throttle matching, steering angle reset, brake pad reset, tire pressure reset
- ◆ Support the VIN intelligent identification function to quickly enter diagnosis
- ◆ Fast and accurate diagnosis
- ◆ Supports key matching/copying, anti-theft IC reading & writing, and ECU reading & writing, etc.
- ◆ Anti-theft modules replacement: Support anti-theft modules replacement of BMW, Mercedes-Benz, VW/Audi, Honda, Nissan, Hyundai, Kia, BYD, Changan, Wuling Baojun, GAC, SAIC Maxus, Great Wall Motor, Chery Car, Dongfeng Fengxing, JAC Passenger Car, etc
- ◆ Anti-theft password reading: Supports the anti-theft password reading of Peugeot Citroen, GM, Nissan, Hyundai, Kia, Chery Cars, Dongfeng Fengxing, JAC Passenger Cars, etc.
- ◆ Key Matching:Support key matching of Ford, GM, Mercedes-Benz, BMW, VW/Audi, Porsche, Peugeot Citroen, Land Rover Jaguar, Honda, Toyota, Nissan, Hyundai, Kia, BYD, Changan Automobile, Wuling Baojun, Great Wall Motors, Chery Cars, JAC Passenger Cars, etc.

Advantages

- ◆ 1. Supports VW/AUDI MQB platform engine ECU replacement or cloning (Read engine ECU data directly from the key).
- ◆ 2. Supports VW/AUDI MQB platform gearbox ECU replacement or cloning.
- ◆ 3. Supports ECU replacement for fifth-generation Audi (0AW/0B5) gearboxes.
- ◆ 4. Supports reading, writing & cloning of the ECU for fourth-generation VW UDS engines.
- ◆ 5. Supports BMW E chassis 8HP gearbox ECU program wiping.
- ◆ 6. Support Mercedes(Engine, Gearbox, EIS) and BMW(Gearbox) ECU anti-theft data erase.
- ◆ 7. Supports 170+ Bosch, 10+ Siemens engine ECU and 18+ gearbox ECU BENCH mode clone.
- ◆ - Bosch engine ECU: ME17, MED17, EDC17, MEVD17, etc.
- ◆ - Siemens engine ECU: BMW(MSV90, MSD87, MSD85, MSD81, MSD80), Mercedes(SIM271DE2.0, SIM271KE2.0), VW/Audi(SIMOS8.6x, SIMOS8.5x, SIMOS8.4x), etc.
- Gearbox ECU: DQ200-MQB, DQ250XX, DL501 Gen1, VL381, VGS2-FCVT, VGS-FDCT, DQ400E, DL501 Gen2, DL382-7F, VGS2-FDCT, 9G_Tronic, DQ380, DQ381, DQ500, AL551, AL450, AL552, AL951, 8HPXX, etc.

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L0105 X431 IMMO ELITE 8 INCH WITH G3&OBD



- ◆ Operating system: Android
- ◆ Memory: 4GB
- ◆ Storage: 64GB
- ◆ Screen: 8 inch capacitive touch screen with a resolution of 1280 x 800 pixels
- ◆ Camera: Rear-facing 8.0MP camera
- ◆ Connectivity : Wi-Fi (802.11a/b/g/n/ac)
- ◆ Bluetooth
- ◆ Working temperature: 0°C ~ 50°C
- ◆ Storage temperature: -20°C ~ 70°C



Software

LAUNCH X431 IMMO ELITE Professional Anti-Theft Matching / Programming OBD OBD2 Diagnostic Tools Car Full System Scanner CAN FD/Doip, 15+ Reset Service , WIFI 2.4GHz/5GHz (dual frequency), 4GB + 64GB Memory...

1. Strong core, large memory, super battery life
2. It integrates professional anti-theft matching, anti-theft programming, full-model system-wide diagnosis of basic functions and special functions. One machine with multiple functions and high performance cost ratio.
3. All-round anti-theft matching, fast and accurate reading of anti-theft data
4. Covering the anti-theft matching function of many models in Asia, Europe, and America, more brands continue to be launched, up to 60+ brands
5. Support the full-model system-wide diagnosis of basic functions (read version information, read DTCs, clear DTCs, read data streams) for global 110+ brands
6. Support 15 special functions such as service lamp reset, throttle matching, steering angle reset, brake pad reset, tire pressure reset
7. Support the VIN intelligent identification function to quickly enter diagnosis
8. Fast and accurate diagnosis
9. Support CAN FD, DoIP Protocols



L1001: X431 V V4.0

8 inch LCD screen , Full car scanner , 2 Years free update
Package : 52x12x37cm
Weight 5.5kg



L1002: X431 V+ V4.0

10.1 inch LCD screen , Full car scanner 2 Years free update
Package : 60x40x17cm
Weight 10kg



L1011: X431 CR3001 OBD code Creader



L1003: X431 PRO 3 V4.0

Full car scanner 10.1 inch LCD screen , 2 Years free update
Package : 60x40x17cm
Weight 10kg



L1004: X431 PRO 3S+ HDIII

10 inch LCD screen
Include Gasoline and Diesel 12v and 24v
Package : 60x40x17cm
Weight 10kg



L1012: X431 CRP123 OBD code Creader



L1100: X-431 HD III Heavy Duty Module

An intelligent VCI (Vehicle Communication Interface) for cars and trucks from 12V to 24V, supports USB, Bluetooth, and WiFi connection



X431 GIII key Programmer.



LTR-01 TPMS SENSOR



X431 CRT 5100E TPMS Programmer.

L0204 X431 New Energy Battery Diagnostic Pack



Attention: User have to purchase new energy battery diagnostic pack and one of the following scanner :Model 2024: X431 PROS V5.0, X431 PRO3(V+5.0)

X431PAD V ;X431 PAD VII; from the local dealer or seller.

It supports

reading the current soc/soh of the battery pack, unit / module voltage, input / output current and power, battery temperature, as well as reading the detailed status information and fault information of the battery pack, automatically calculating the total voltage, voltage difference, maximum / minimum voltage and other key index data, automatically marking abnormal data, and quickly locating battery pack problems



L0205 X-431 PRO3S+ V5.0 Domestic new energy diagnostic configuration



G.W:13.5KG

MEAS:478*384*425MM

Features

1. Covering over 95% of new energy vehicle models, with high diagnostic accuracy;
2. Focusing on the diagnosis of new energy vehicles, supporting functions such as battery pack diagnosis, dynamic analysis of battery packs, and diagnosis of new energy vehicles;
3. Equipped with the newly upgraded SmartLink C V20 diagnostic box, it can achieve dual diagnostic modes of local diagnosis and SmartLink remote diagnosis;
4. Supporting expansion modules: EM101 new energy oscilloscope multimeter EG 100 new energy detection current clamp ADAS. Expansion modules such as tire pressure diagnosis;
5. Android 10.0 system, 10.1-inch sun readable gorilla screen, 4GB+64GB large storage, high diagnostic efficiency;
6. High power battery 6300mAh @ 7.6V, significantly improving battery life;
7. Brand new industrial design, suitable for the working environment of repair shops.

Function

Battery pack diagnosis

There are four ways to detect battery packs, read battery pack information, and quickly locate battery pack issues

Dynamic analysis of battery pack

Continuously collect real-time data from battery packs to generate dynamic analysis reports, and support report sharing

Dynamic analysis of battery pack

Continuously collect real-time data from battery packs to generate dynamic analysis reports on battery packs, and support report sharing

New energy vehicle diagnosis

New energy vehicle diagnosis, covering over 95% of mainstream new energy vehicle brands

Special functions of new energy

Support the matching, coding, and common special functions of most vehicle programmable modules.

Intelligent diagnosis

In networked mode, it can automatically recognize vehicle information and complete rapid diagnosis

remote diagnosis

Independently developed and patented remote diagnosis technology, based on web remote diagnosis, can achieve real-time communication between mobile phones, computers, devices, and complete vehicle remote diagnosis. With low network broadband and system resource utilization, Smartlink remote diagnosis: The diagnostic box can be used as a Smartlink O and can directly publish requirements on the corresponding functional module on the host (using this module requires activating the device first)

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Optional



Quick charging port connection



OBD connection



jumper connection



Special joint connection

Topology diagram

Original factory level vehicle detection function, graphical display of vehicle electronic control system organizational structure

Topology diagram

Original factory level vehicle detection function, graphical display of vehicle electronic control system organizational structure

Pin detection

Detect the voltage and supported protocol types of the OBD diagnosis socket pins of the vehicle, and assist in determining the status of the OBD diagnosis interface

ADAS calibration

Can be paired with X431 ADAS PRO and X-431 ADAS Mobile devices, supporting both static and dynamic calibration methods. Static calibration refers to completing calibration by calibrating equipment and targets in a standardized maintenance environment, combined with calibration software. Dynamic calibration does not require calibration of equipment, only learning needs to be initiated through calibration software

Tire pressure diagnosis

Support tire pressure diagnosis extension (requires a handheld tire pressure detection terminal), which can activate, read, learn, and program TPMS sensors

Diagnostic feedback

In the process of use, if there are special situations where the software and functions of the vehicle model are abnormal, the problem can be reported to Yuanzheng Company, and specialized technical personnel will track and handle it

mail

Support online software purchase and commercial vehicle expansion module expansion

Expansion module

Support new energy oscilloscope, multimeter, current clamp, anti-theft key, tire pressure diagnosis ADAS calibration, oscilloscope, multimeter, sensor, battery detection, anti-theft programmer, endoscope, battery detection and other expansion modules, one machine with multiple functions

Fault guidance

Support factory level fault guidance for Volkswagen, BMW, and provide detailed solutions for fault codes based on the Yuanzheng maintenance database

Maintenance database

Supporting Yuanzheng database and industry database, providing over 1600 vehicle models and over 10000 GB of maintenance database, including online videos, circuit diagrams, maintenance manuals, maintenance cases, etc

New energy vehicle diagnosis



Topology Map



Expansion module



Special functions of new energy



Pin detection



Battery pack diagnosis



L0302 X-431 ADAS Mobile



L3098-1: ADAS PRO Standard:
Include: Main machine+LDW
L3098-2: ADAS PRO Advance:
Include: Main machine+LDW+ACC
L3098-3: ADAS PRO Senior:
Include: Main machine+LDW+ACC+NVC+AVM+RCW

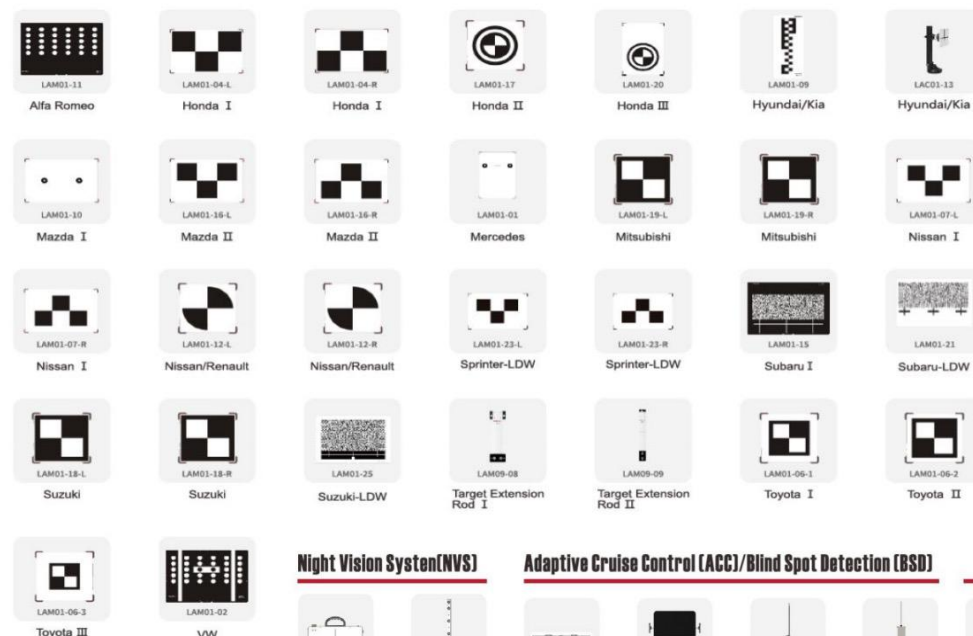
1. Rapidly Switch: Simple for installation, rapidly switch the calibration targets available to different vehicles.
2. Easy to Storage: With modular structure and components, it is best for the working environment of workshop.
3. Easy to Operate: With operation prompt and one-click calibration function.
4. Calibration with High Accuracy: Centering with high accuracy, nearly achieves the OE level.
5. Comprehensive Function: Support various calibration function and wide range of calibration targets and calibration models.



Vehicle Model Coverage:

European: Mercedes-Benz, BMW, Audi, Volkswagen, Land Rover, Jaguar, Volvo, Fiat, Opel, Seat, Skoda, Renault, Citroen, Smart, Mini, Peugeot, Porsche, etc.
American: GM, Ford, Chrysler, Buick, Cadillac, Chevrolet, Dodge, Jeep, Lincoln, etc.
Asian: Kia, Hyundai, Toyota, Lexus, Honda, Acura, Nissan, Infiniti, Mitsubishi, Subaru, Suzuki, Daihatsu, Mazda, etc.
Note: The vehicle coverage list is continuously updating. Please contact Launch dealer to get the latest coverage.

Lane Departure Warning (LDW)

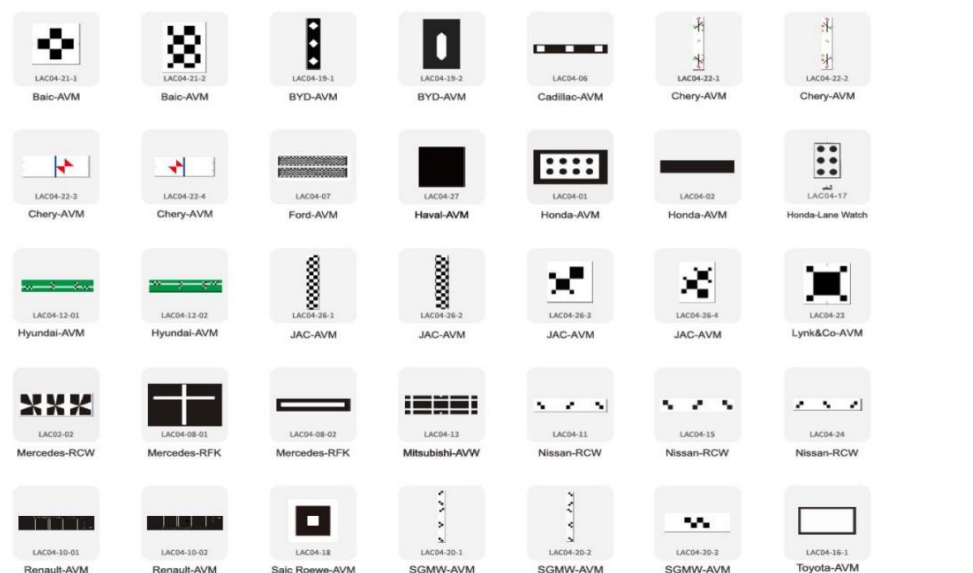


Night Vision System (NVS)

Adaptive Cruise Control (ACC)/Blind Spot Detection (BSD)

AVM

Around View Monitoring (AVM)/Rear Collision Warning (RCW)



L0302 X-431 ADAS Mobile



L3099-1: ADAS Mobile

Standard:

Include: Main machine+LDW

L3099-2: ADAS Mobile

Advance:

Include: Main machine+LDW+ACC

L3099-3: ADAS Mobile Senior:

Include: Main machine+LDW+ACC+NVC+AVM+RCW

- 1 Start to calibrate in seconds, no more tedious work of disassembly and installation
- 2 Fully foldable design including completely flat folded base, close-fitting foldable arms and foldable crank handle
- 3 Multi-functional base integrates 360° rotating wheels, wheel locks and fine-tuning height-adjustment to adapt to uneven ground
- 4 Equilateral triangle design of the base ensures a stable frame
- 5 Digital distance laser shows the cross-bar height and make sure it is equal to the standard value precisely
- 6 Five line laser and fine-tuning switch help to easy center the device and parallel to the vehicle and offer high precision calibrating
- 7 Special small target design makes it convenient to carry and store
- 8 23-style manufacturer standard targets provide one-stop calibration service
- 9 Compatible with AVM/ RCW/ BSD Targets of Launch ADAS PRO
- 10 Quick access to ADAS calibration by step-by-step tutorial graphics on LAUNCH X-431 diagnostic tools



Vehicle Model Coverage:

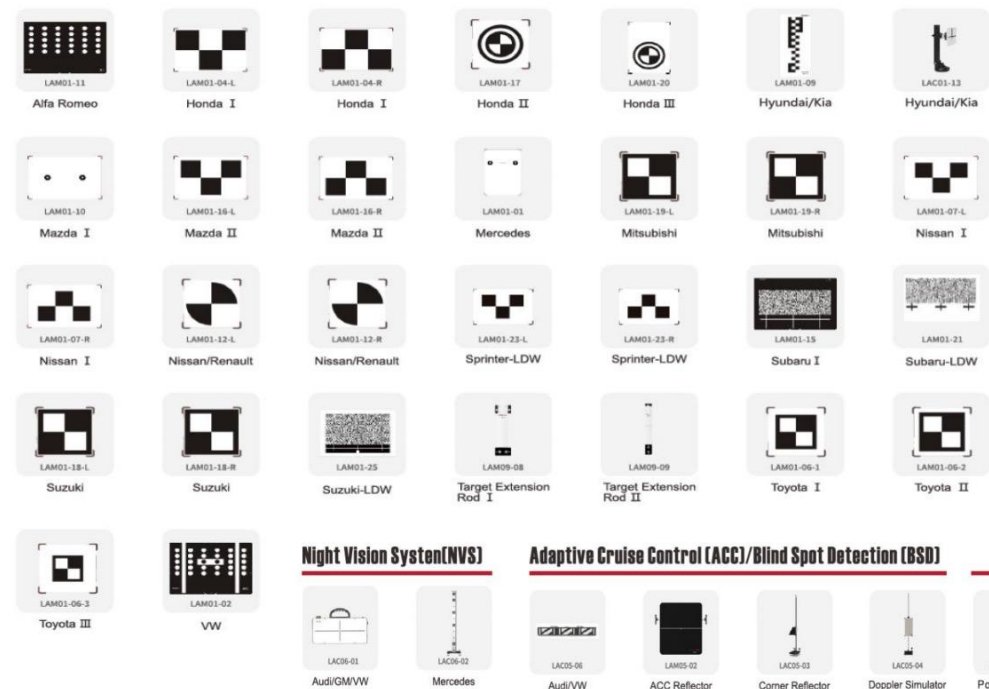
European: Mercedes-Benz, BMW, Audi, Volkswagen, Land Rover, Jaguar, Volvo, Fiat, Opel, Seat, Skoda, Renault, Citroen, Smart, Mini, Peugeot, Porsche, etc.

American: GM, Ford, Chrysler, Buick, Cadillac, Chevrolet, Dodge, Jeep, Lincoln, etc.

Asian: Kia, Hyundai, Toyota, Lexus, Honda, Acura, Nissan, Infiniti, Mitsubishi, Subaru, Suzuki, Daihatsu, Mazda, etc.

Note: The vehicle coverage list is continuously updating. Please contact Launch dealer to get the latest coverage.

Lane Departure Warning (LDW)

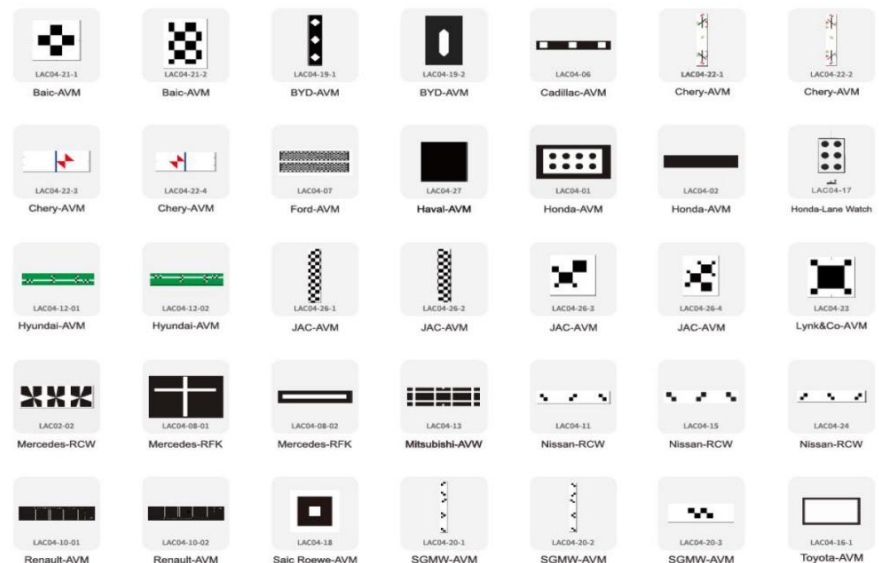


Night Vision System(NVS)

Adaptive Cruise Control (ACC)/Blind Spot Detection (BSD)

AVM

Around View Monitoring (AVM)/Rear Collision Warning (RCW)



L0001 O2-2



easy to use add-on module that can detects high level faults on various electrical components, such as sensors, actuators and circuits. By integrating with the X-431 series scan tools via O2-2 application, it delivers accurate and conclusive diagnostic faults that enable the shop and technician to enlarge their scan tool's functionality.

Channels 4
 Bandwidth 100MHz
 Rising Time 3.5ns (typical)
 Accuracy $\pm 3\%$
 Input Impedance $1M \pm 1.5\%$
 Input Type Single-ended, BNC Connector
 Overload Protection $\pm 200V$ on single input on
 Timebase Ranges 1ns~1ks(1Channel)
 1ns~1ks(2 Channels)
 1ns~1ks(4Channels)
 Buffer Memory 10M (for 4 Channels)
 Power Interface USB port, DC IN port
 Trigger Mode Normal, Auto and Single SEQ
 Advanced Triggers Edge, Pulse width

L0002 S2-2



LAUNCH new S2-2 Sensorbox is designed to test and simulate most vehicle sensors, quickly troubleshooting the ECU. It can be compatible with LAUNCH scanner X-431 PAD V and X-431 PAD III V2.0, to maximize the repair shop's revenue

Number of channel:2
 Voltage simulation range:0~20V
 Max. output current:20mA
 Square wave signal pulse frequency:0~15KHz
 Square wave signal duty cycle:0~100%
 DCV simulation:Support
 Frequency simulation:Support
 Multimeter:Support
 Operating temperature range:0°C~50°C
 Storage temperature range:-30°C~70°C

L010010 Non-16 Pin Adaptor Box



Weight:

3.5KG

Package:

41cm*12cm*32cm (Inch: 16.14*4.72*12.6)



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L0403 X-831 L



Standard configuration	
01. Integrated chassis	1 unit
02. Special industrial control host for 3D positioning instrument	1 unit
03. Keyboard/Mouse	1 unit
04.32 inch LED TV monitor	1 set
05.2.4-meter aluminum alloy column	1 unit
06. Camera crossbeam	1 set
07. Target target	1 set
08. 12 inch to 22 inch fixtures	1 set
09. Corner wheel (400x 400 x 48)	1 set
10. Steering wheel retainer	1 set
11. Brake pedal retainer	1 set
12. Wedge block	1 set

Features

- 1.50000+global vehicle model database, lifetime free upgrade;
- 2.10-15cm rolling compensation,saving time and effort;
- 3.The height of the beam can be adjusted manually, adapting to various maintenance environments, and does not need to be re-calibrated;
- 4. Classic stationary design, cost-effective choice.

Functions

- 1.Four-wheel alignment measurement: Itsupports standard measurement and quick measurement and can measure key parameters such as toe, camber, caster, kingpin inclination, and thrust angle. Supports additional measurements such as wheel base, wheel track, axle offset, wheel offset, diagonal, center offset, etc.
- 2.Database: supports positioning data of 50,000+ global vehicle models, and supports user-defined database;
- 3. Test report: support measurement report saving and printing;
- 4.Compatible with multiple platforms: suitable for four-post lifts, large scissors lifts and trenches;
- 5. Dual-screen display: Support dual-screen display at the same time, an optional secondary screen is required.

Parameters Display Accuracy 1/0.01/0.1mm Kingpin Inclination $\pm 6'$			
Toe	$\pm 2'$	Trust Angle	$\pm 2'$
Camber	$\pm 2'$	Wheel Track	$\pm 2\text{mm}$
Caster	$\pm 4'$	Wheel Base	$\pm 2\text{mm}$

L0404 X-831 M



Standard configuration	
01. Integrated movable cabinet	1 unit
02. Special industrial control host for 3D positioning instrument	1 unit
03. Keyboard/Mouse	1 set
04.24 inch LED TV monitor	1 unit
05. 2.4-meter aluminum alloy column	1 set
06. Camera crossbeam	1 set
07. Target target	1 set
08. 12 inch to 22 inch fixtures	1 set
09. Corner wheel (400x 400 x 48)	1 set
10. Steering wheel retainer	1 set
11. Brake pedal retainer	1 set
12. Wedge block	1 set
Optional: Dual screen display system	
Optional: A4 standard printer	

Features

- 1.50000+global vehicle model database, lifetime free upgrade;
- 2:10-15cm rolling compensation,saving time and effort;
- 3. The height of the beam can be adjusted manually, adapting to various maintenance environments, and does not need to be re-calibrated;....
- 4.The whole machine is movable and can be shared by multiple stations,which improves the space utilization rate of the repair shop;

Functions

- 1.Four-wheel alignment measurement: It supports standard measurement and quick measurement and can measure key parameters such as toe, camber, caster, kingpin inclination, and thrust angle. Supports additional measurements such as wheel base, wheel track, axle offset, wheel offset, diagonal, center offset, etc.
- 2.Database: supports positioning data of 50,000+ global vehicle models, and supports user-defined database;
- 3. Test report: support measurement report saving and printing;
- 4.Compatible with multiple platforms: suitable for four-post lifts, large scissors lifts and trenches;
- 5. Multi-station sharing; the whole machine is moveable, which is convenient for multi-station sharing;
- 6. Dual-screen display: Support dual-screen display at the same time, an optional secondary screen is required.

Parameters

Display Accuracy 1'/0.01/0.1mm, Kingpin Inclination $\pm 6'$

Toe $\pm 2'$, Trust Angle $\pm 2'$

Camber $\pm 2'$, Wheel Track $\pm 2\text{mm}$

Caster $\pm 4'$, Wheel Base $\pm 2\text{mm}$

LAUNCH

L0401 X-831 PRO



No.	Name	Amount Unit
1	Lateral beam assembly	1 Set
2	Post assembly	1 Set
3	Cabinet assembly	1 Set
4	Clamp & Target assembly	1 Set
5	Computer (Optional)	1 Set
6	Printer (Optional)	1 Set
7	Turn tables	2 Set
8	Steering wheel holder	1 Set
9	Brake pedal depressor	1 Set

- 1 Special camera system
- 2 Targets without electronic elements and battery to save maintenance cost
- 3 No need calibrate onsite as it has been calibrated in factory
- 4 User-friend software interface
- 5 Accurate and stable with 30 measurement technology
- 6 Smart measurement with fully automatic tracking and moving function according to height of the lift
- 7 Scan QR code and get access to LAUNCH platform, check equipment information and send product feedback Functions

Alignment Parameters	Measurement Range	Measurement Accuracy
Total Toe-in	$\pm 20^\circ$	$\pm 0.02^\circ$
Individual Toe-in	$\pm 20^\circ$	$\pm 0.02^\circ$
Camber	$\pm 12^\circ$	$\pm 0.02^\circ$
Caster	$\pm 25^\circ$	$\pm 0.05^\circ$
Kingpin inclination	$\pm 25^\circ$	$\pm 0.05^\circ$
Flinch Angle	$\pm 10^\circ$	$\pm 0.01^\circ$
ThrustAngle	$\pm 10^\circ$	$\pm 0.01^\circ$

Input Voltage 220V AC (10A)

Power 0.5KW

Computer (including host, 32inch LCD display, keyboard & mouse)(Optional)

Measurement software;

Printer (Optional), etc.

L0402 X-861 PRO



No.	Name	Amount Unit
1	Lateral beam assembly	1 Set
2	Post assembly	1 Set
3	Cabinet assembly	1 Set
4	Clamp & Target assembly	1 Set
5	Computer (Optional)	1 Set
6	Printer (Optional)	1 Set
7	Turn tables	2 Set
8	Steering wheel holder	1 Set
9	Brake pedal depressor	1 Set

- 1 Special camera system
- 2 Targets without electronic elements and battery to save maintenance cost
- 3 No need calibrate onsite as it has been calibrated in factory
- 4 User-friend software interface
- 5 Accurate and stable with 30 measurement technology
- 6 Smart measurement with fully automatic tracking and moving function according to height of the lift
- 7 Scan QR code and get access to LAUNCH platform, check equipment information and send product feedback Functions

Alignment Parameters	Measurement Range	Measurement Accuracy
Total Toe-in	$\pm 20^\circ$	$\pm 0.02^\circ$
Individual Toe-in	$\pm 20^\circ$	$\pm 0.02^\circ$
Camber	$\pm 12^\circ$	$\pm 0.02^\circ$
Caster	$\pm 25^\circ$	$\pm 0.05^\circ$
Kingpin inclination	$\pm 25^\circ$	$\pm 0.05^\circ$
Flinch Angle	$\pm 10^\circ$	$\pm 0.01^\circ$
ThrustAngle	$\pm 10^\circ$	$\pm 0.01^\circ$

Input Voltage 220V AC (10A)

Power 0.5KW

Computer (including host, 32inch LCD display, keyboard & mouse)(Optional)

Measurement software;

Printer (Optional), etc.

L0501 TLT240SB

TLT240SB

Economical

Features

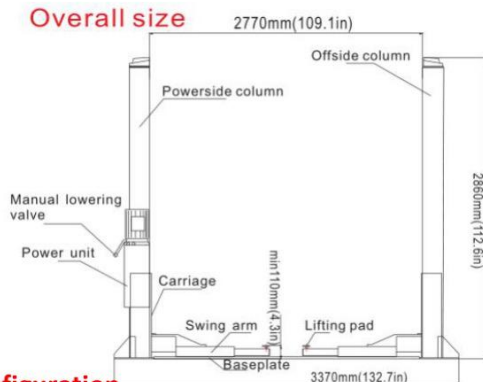
- Bilateral manual safety unlocking system.
- The cable and oil pipe are fully concealed; with decent and elegant appearance.
- Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering.
- Wire rope equalization system forces synchronous movement of two carriages and effectively prevents vehicle form tilting.
- 24V low voltage control box (IP54 level) ensures operator's safety.
- 24V cylinder travel limit switch effectively protects cylinder and extends its lifespan .
- Door rubber pad protects car door from being damaged in collision.
- More lifting pads with different height meets the requirements for light lorries and SUVs.
- Passed 115% dynamic loading test and 150% static loading test
- CE certificated.



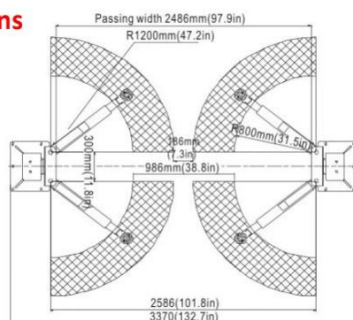
Optional parts



Overall size



Configuration instructions



Technical parameters

Rated load:	4000kg
Lifting height:	1850mm
Initial height:	110mm
Lifting time:	W50s
Lowering time:	N20sW40s
Passing width:	2486mm
Overall width:	3370mm
Overall height:	2860mm
Motor power:	2.2kw
Motor voltage:	3 phase/380v or Single phase/220V
Working noise:	W75dB (A)
Working oil pressure:	18M Pa

		Basic	CE Standard
Swing arm	2stage(800-1200)*4	●	●
Unlocking system	Bilateral manual pull	●	●
Power unit	Domestic (Underneath) 2.2KW10L	●	●
Control box	Electric control box	●	●
Lifting pad	Double screws lifting pad	●	●
Safety device	Cylinder travel limit module , button box,anti-explosion valve,guardrail	●	●
Color	Launch red, Launch grey, Volkswagen blue, Hyundai blue, GM blue (Buick blue)	●	●
Warranty	1 year	●	●

Environmental Requirement

Working temperature : -5°C ~+ 40°C
 Transport/storage temperature : -5°C ~+ 40°C
 Relative humidity : Temperature+ 30°C,relative humidity 8 0% Height above

sea level: No more than 2000m

L0502 TLT240SC

TLT240SC

Economical

Bilateral manual safety unlocking system.

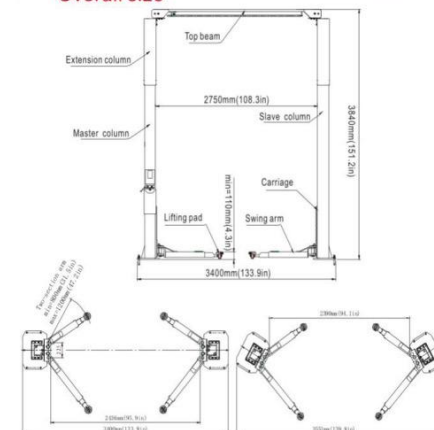
- The cable and oil pipe are fully concealed; with decent and elegant appearance.
- Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering.
- Wire rope equalization system forces synchronous movement of two carriages and effectively prevents vehicle form tilting.
- 24V low voltage control box (IP54 level) ensures operator's safety.
- 24V cylinder travel limit switch effectively protects cylinder and extends its lifespan .
- Door rubber pad protects car door from being damaged in collision.
- More lifting pads with different height meets the requirements for light lorries and SUVs.
- Passed 115% dynamic loading test and 150% static loading test.
- CE certificated.
- Symmetric and asymmetric installation types are optional.



Optional parts



Overall size



Rated Load 4000kg
 Lifting Height 1850mm
 Initial Height 110mm
 Lifting Time ≤50s
 Lowering Time ≥20s, ≤40s
 Passing Width for Symmetric Installation 2486mm
 Overall Width for Symmetric Installation 3420mm
 Passing Width for Asymmetric Installation 2415mm
 Overall Width for Asymmetric Installation 3563mm
 Overall Height 3840mm
 Motor Power 2.2kw
 Motor Voltage 3 phase/380V or Singl

Configuration instructions

		Basic	CE Standard
Swing arm	2stage(800-1200)*4	●	●
Unlocking system	Bilateral manual pull	●	●
Power unit	Domestic (Underneath) 2.2KW 10L	●	●
Control box	Electric control box	●	●
Lifting pad	Double screws lifting pad	●	●
Safety device	Cylinder travel limit module , button box,anti-explosion valve,guardrail	●	●
Color	Launch red, Launch grey, Volkswagen blue, Hyundai blue, GM blue (Buick blue)	●	●
Warranty	1 year	●	●

Environmental Requirement

Working temperature : -5°C ~+ 40°C
 Transport/storage temperature : -5°C ~+ 40°C
 Relative humidity : Temperature+ 30°C,relative humidity 8 0 %
 Height above sea level: No more than 2000m

LAUNCH

L0503 TLT235SB

TLT235SB

Economical

Features

Bilateral manual safety unlocking system .
The cable and oil pipe are fully concealed; with decent and elegant appearance .
Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering .
Wire rope equalization system forces synchronous movement of two carriages and effectively prevents vehicle form tilting .
24V low voltage control box (IP54 level) ensures operator's safety.
2 4 V cylinder travel limit switch effectively protects cylinder and extends its lifespan .
Door rubber pad protects car door from being damaged in collision .
More lifting pads with different height meets the requirements for light lorries and SUVs .
Passed 115% dynamic loading test and 150% static loading test .
CE certificated

Technical parameters

Lowering time : $\geq 20s \leq 40s$
Overall width : 3 3 7 0 mm
Working noise : $\leq 75dB$ (A)
Rated load : 3500kg
Initial height : 110mm
Motor power : 2.2kw
Motor voltage : 3 phase/380v or Single phase/220V
Technical parameters
Overall height : 2860mm
Passing width : 2486mm
Lifting height : 1850mm
Working oil pressure : 16M Pa
Lifting time : $\leq 50s$

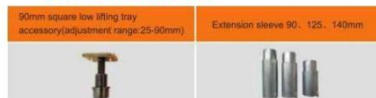
		Basic	CE Standard
Swing arm	2stage(800- 1200)*4	●	●
Unlocking system	Bilateral manual pull	●	●
Power unit	Domestic (Underneath) 2.2KW 10L	●	●
Control box	Electric control box	●	●
Lifting pad	Double screws lifting pad	●	●
Safety device	Cylinder travel limit module , button box ,anti-explosion valve ,guardrail	●	●
Color	Launch red , Launch grey , Volkswagen blue , Hyundai blue , GM blue (Buick blue)	●	●
Warranty	1 year	●	●

Environmental Requirement

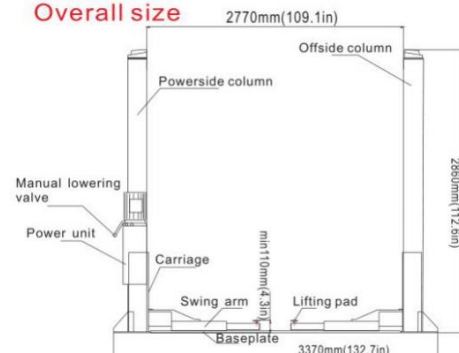
Working temperature : -5℃ ~+ 40℃
Relative humidity : Temperature+ 30 C,relative humidity 8 0 %
Height above sea level : No more than 2000m
Transport/ storage temperature : -5 C~+ 4 0C



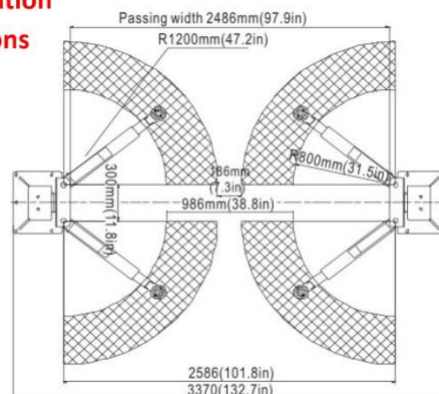
Optional parts



Overall size



Configuration instructions



L0504 TLT235SC

TLT235SC

Economical

Features

Bilateral manual safety unlocking system.
■ The cable and oil pipe are fully concealed; with decent and elegant appearance.
■ Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering.
■ Wire rope equalization system forces synchronous movement of two carriages and effectively prevents vehicle form tilting.
■ 24V low voltage control box (IP54 level) ensures operator's safety.
■ 24V cylinder travel limit switch effectively protects cylinder and extends its lifespan .
■ Door rubber pad protects car door from being damaged in collision.
More lifting pads with different height meets the requirements for light lorries and SUVs.
■ Passed 115% dynamic loading test and 150% static loading test.
■ CE certificated.
■ Symmetric and asymmetric installation types are optional.

Technical parameters

Rated load :	3500kg
Lifting height:	1950mm
Initial height:	110mm
Lifting time :	$\leq 50s$
Lowering time :	$\geq 20s \leq 40s$
Passing width for symmetric installation :	2 4 2 4 mm
Overall width for symmetric installation :	3 3 0 2 mm
Passing width for asymmetric installation :	2 3 7 8 mm
Overall width for asymmetric installation :	3 5 4 4 mm
Overall height:	3840mm
Motor power :	2.2kw

Motor voltage : 3 phase/380 v or Single phase/220V
Working noise : $\leq 75dB$ (A)
Working oil pressure : 16 M Pa

Configuration instructions

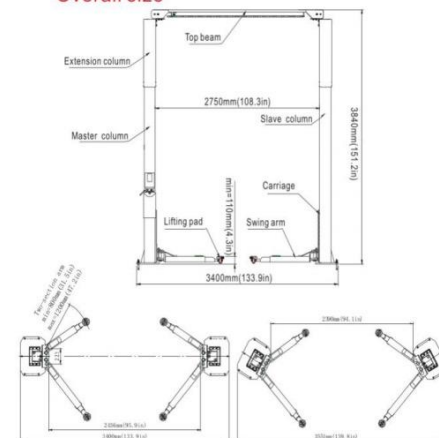
		Basic	CE Standard
Swing arm	2stage(800-1200)*4	●	●
Unlocking system	Bilateral manual pull	●	●
Power unit	Domestic (Underneath) 2.2KW 10L	●	●
Control box	Electric control box	●	●
Lifting pad	Double screws lifting pad	●	●
Safety device	Cylinder travel limit module , button box ,anti-explosion valve ,guardrail	●	●
Color	Launch red , Launch grey , Volkswagen blue , Hyundai blue , GM blue (Buick blue)	●	●
Warranty	1 year	●	●



Optional parts



Overall size



Environmental Requirement

Working temperature : -5℃ ~+ 40℃
Transport/storage temperature : -5℃ ~+ 40℃
Relative humidity : Temperature+ 30℃,relative humidity 8 0 %
Height above sea level : No more than 2000m

LAUNCH

L0505 TLT240SBS

TLT240SBS

Economical

Features

- single manual safety unlocking system..
 - The cable and oil pipe are fully concealed; with decent and elegant appearance.
 - Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering.
 - Wire rope equalization system forces synchronous movement of two carriages and effectively prevents vehicle form tilting.
 - 24V low voltage control box (IP54 level) ensures operator's safety.
 - 24V cylinder travel limit switch effectively protects cylinder and extends its lifespan .
 - Door rubber pad protects car door from being damaged in collision.
- More lifting pads with different height meets the requirements for light lorries and SUVs.
- Passed 115% dynamic loading test and 150% static loading test.
 - Symmetric and asymmetric installation types are optional.



Optional parts

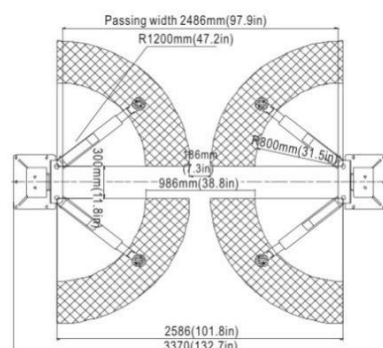
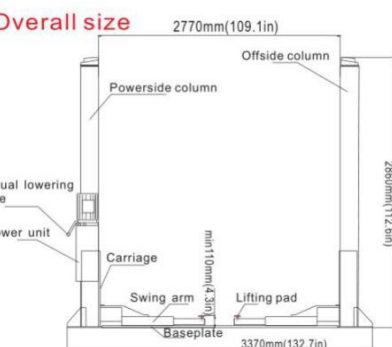


Technical parameters

Rated Load 4000kg
 Lifting Height 1850mm
 Initial Height 110mm
 Lifting Time ≤50s
 Lowering Time ≥20s, ≤40s
 Passing Width for Symmetric Installation 2486mm
 Overall Width for Symmetric Installation 3370mm
 Passing Width for Asymmetric Installation 2415mm
 Overall Width for Asymmetric Installation 3463mm
 Overall Height 2860mm
 Motor Power 2.2kw
 Motor Voltage 3 phase/380V or Single phase/220V

		Basic	CE Standard
Swing arm	2stage(800-1200)*4	●	●
Unlocking system	Bilateral manual pull	●	●
Power unit	Domestic (Underneath) 2.2KW 10L	●	●
Control box	Electric control box	●	●
Lifting pad	Double screws lifting pad	●	●
Safety device	Cylinder travel limit module , button box ,anti-explosion valve ,guardrail	●	●
Color	Launch red , Launch grey, Volkswagen blue, Hyundai blue, GM blue (Buick blue)	●	●
Warranty	1 year	●	●

Configuration instructions



Environmental Requirement

Working temperature: -5℃ ~+ 40℃
 Relative humidity: Temperature+ 30 ℃,relative humidity 8 0 %
 Height above sea level: No more than 2000m
 Transport/ storage temperature: -5 ℃~+ 4 0℃

L0506 TLT240SCS

TLT240SCS

Economical

Features

- single manual safety unlocking system..
 - The cable and oil pipe are fully concealed; with decent and elegant appearance.
 - Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering.
 - Wire rope equalization system forces synchronous movement of two carriages and effectively prevents vehicle form tilting.
 - 24V low voltage control box (IP54 level) ensures operator's safety.
 - 24V cylinder travel limit switch effectively protects cylinder and extends its lifespan .
 - Door rubber pad protects car door from being damaged in collision.
- More lifting pads with different height meets the requirements for light lorries and SUVs.
- Passed 115% dynamic loading test and 150% static loading test.
 - CE certificated.
 - Symmetric and asymmetric installation types are optional.



Optional parts



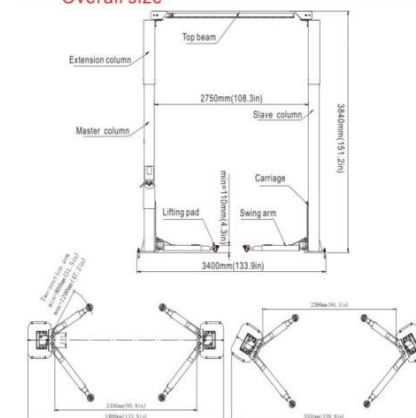
Technical parameters

Rated Load 4000kg
 Lifting Height 1850mm
 Initial Height 110mm
 Lifting Time ≤50s
 Lowering Time ≥20s, ≤40s
 Passing Width for Symmetric Installation 2486mm
 Overall Width for Symmetric Installation 3420mm
 Passing Width for Asymmetric Installation 2415mm
 Overall Width for Asymmetric Installation 3563mm
 Overall Height 3840mm
 Motor Power 2.2kw
 Motor Voltage 3 phase/380V or Single phase/220V

Configuration instructions

		Basic	CE Standard
Swing arm	2stage(800-1200)*4	●	●
Unlocking system	Bilateral manual pull	●	●
Power unit	Domestic (Underneath) 2.2KW 10L	●	●
Control box	Electric control box	●	●
Lifting pad	Double screws lifting pad	●	●
Safety device	Cylinder travel limit module , button box ,anti-explosion valve ,guardrail	●	●
Color	Launch red , Launch grey, Volkswagen blue, Hyundai blue, GM blue (Buick blue)	●	●
Warranty	1 year	●	●

Overall size



Environmental Requirement

Working temperature : -5℃ ~+ 40℃
 Transport/storage temperature : -5℃ ~+ 40℃
 Relative humidity : Temperature+ 30℃,relative humidity 8 0 %
 Height above sea level: No more than 2000m

LAUNCH

L0507 TLT240SBA

TLT240SBA

Luxurious Features

24V low voltage control box (IP54 level) ensures operator's safety.
Cylinder travel limit switch effectively protects cylinder and extends its lifespan .
Emergency lowering valve can be manually operated to make lift lower safely in case power is off .
Flow- control valve is deployed to make lift slower or stop lowering for the case of oil explosion , thus protects operator' s safety and vehicle not being damaged
CE- STOP function with safety alarm beep would automatically warn operators to keep safe distance from lift when it lowers to about 250mm high from ground .
Door rubber pad protects car door from being damaged in collision .
More lifting pads with different height meets the requirements for light lorries and SUVs
Asymmetric swing arms are optional .
Passed 115% dynamic loading test and 150% static loading

Fully automatic unlocking safety device is adopted for operating only with UP/ DOWN button
The cable and oil pipe are fully concealed; with decent and elegant appearance .
Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering
Wire rope equalization system forces synchronous movement of two carriages and form tilting .
test .
CE certificated effectively prevents vehicle

Technical parameters

		CE Standard
Swing arm	2stage(800- 1200)*4	●
Unlocking system	Full automatic	●
Power unit	Domestic (Overhead) 2.2KW 10L	●
Control box	Full electronic control system	●
Lifting pad	Double screws lifting pad	●
Safety device	CE-STOP, Cylinder travel limit module, anti-explosion valve, Emergency lowering valve	●
Color	Launch red . Launch grey . Volkswagen blue . Hyundai blue . GM blue (Buick blue)	●
Warranty	1year	●

Environmental Requirement

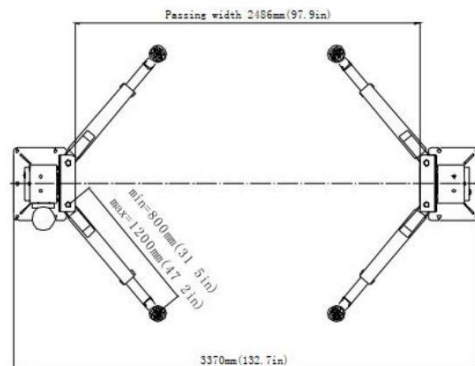
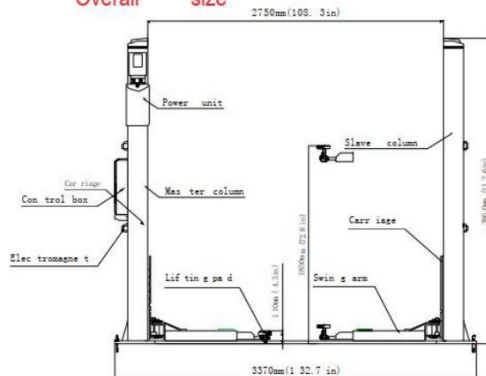
Working temperature: -5C~+ 40C
Relative humidity: Temperature+ 30 C,relative humidity 80 %
Height above sea level: No more than 2000m
Transport/ storage temperature: -5 C~+ 40C



Optional parts



Overall size



L0508 TLT240SCA

TLT240SCA

Economical Features

24V low voltage control box (IP54 level) ensures operator's safety.
Cylinder travel limit switch effectively protects cylinder and extends its lifespan .
Emergency lowering valve can be manually operated to make lift lower safely in case power is off .
Anti- explosion valve is deployed to make lift slower or stop lowering for the case of oil explosion , thus protects operator' s safety and vehicle not being damaged
CE- STOP function with safety alarm beep would automatically warn operators to keep safe distance from lift when it lowers to about 250mm high from ground .
Door rubber pad protects car door from being damaged in collision .
More lifting pads with different height meets the requirements for light lorries and SUVs .
Fully automatic unlocking safety device is adopted for operating only with UP/ DOWN button .
The cable and oil pipe are fully concealed; with decent and elegant appearance .
Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering .
Wire rope equalization system forces synchronous movement of two carriages and form tilting .
effectively prevents vehicle

Technical parameters

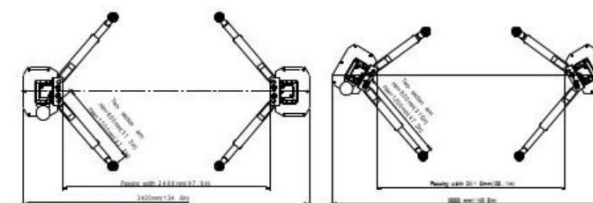
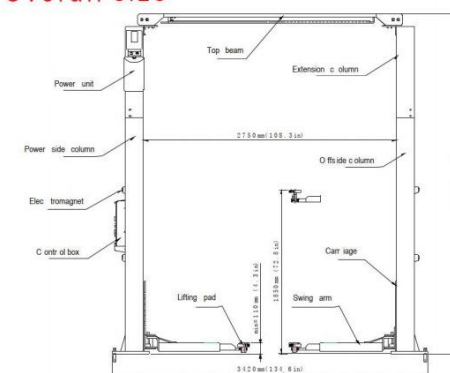
		CE Standard
Swing arm	2stage(800- 1200)*4	●
Unlocking system	Full automatic	●
Power unit	Domestic (Overhead) 2.2KW 10L	●
Control box	Full electronic control system	●
Lifting pad	Double screws lifting pad	●
Safety device	CE-STOP, Cylinder travel limit module, anti-explosion valve, Emergency lowering valve	●
Color	Launch red . Launch grey . Volkswagen blue . Hyundai blue . GM blue (Buick blue)	●
Warranty	1year	●



Optional parts



Overall size



Symmetric installation

Asymmetric installation

LAUNCH

L0510 TLT245AT

TLT245AT

Economical

Features

- single manual safety unlocking system..
- The cable and oil pipe are fully concealed; with decent and elegant appearance.
- Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering.
- Wire rope equalization system forces synchronous movement of two carriages and effectively prevents vehicle from tilting.
- 24V low voltage control box (IP54 level) ensures operator's safety.
- 24V cylinder travel limit switch effectively protects cylinder and extends its lifespan .
- Door rubber pad protects car door from being damaged in collision.
- More lifting pads with different height meets the requirements for light lorries and SUVs.
- Passed 115% dynamic loading test and 150% static loading test.
- Symmetric and asymmetric installation types are optional.



Optional parts



Rated Load 4500kg

Lifting Height 1850mm

Initial Height 110mm

Lifting Time ≤50s

Lowering Time ≥20s, ≤40s

Passing Width for Symmetric Installation 2486mm

Overall Width for Symmetric Installation 3420mm

Passing Width for Asymmetric Installation

2415mm

Overall Width for Asymmetric Installation 3563mm

Overall Height 3840mm

Motor Power 2.2kw

Motor Voltage 3 phase/380V or Single phase/220V

Configuration instructions

		Basic	CE Standard
Swing arm	2stage(800-1200)*4	●	●
Unlocking system	Bilateral manual pull	●	●
Power unit	Domestic (Underneath) 2.2KW 10L	●	●
Control box	Electric control box	●	●
Lifting pad	Double screws lifting pad	●	●
Safety device	Cylinder travel limit module , button box, anti-explosion valve, guardrail	●	●
Color	Launch red , Launch grey, Volkswagen blue, Hyundai blue, GM blue (Buick blue)	●	●
Warranty	1 year	●	●

Environmental Requirement

Working temperature : -5° C ~ +40° C

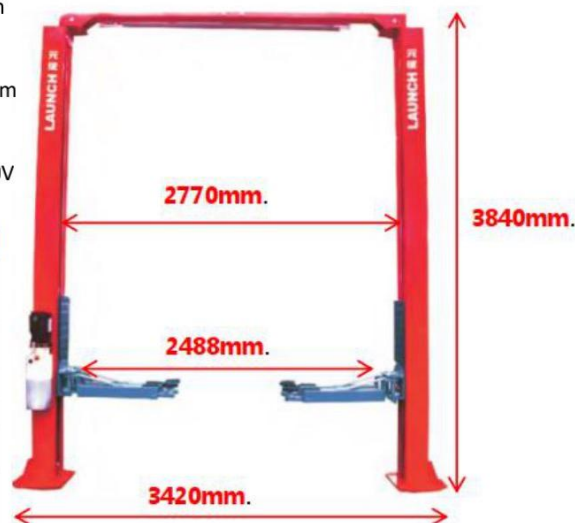
Transport/storage temperature : -5° C ~ +40° C

Relative humidity : Temperature+ 30° C, relative humidity 80 %

Height above sea level: No more than 2000m

Symmetric installation

Asymmetric installation



L0511 TLT250AT

Optional parts

TLT250AT

Heavy- duty

Features

- 1 This machine is applicable for the lifting of various large SUVs, business travel cars and other super wide and high special vehicles.
 - 2 Single-side manual lowering device ,safe and easy operation. Width between two columns reaches 3350mm, overall height reaches 4810mm .
 - 3 Three-section long arm (adjustment range : 950mm ~ 1800mm).
 - 4 The cable and oil pipe are fully concealed; with decent and elegant appearance.
 - 5 Double hydraulic cylinder drive makes stable and smooth lifting and lowering.
 - 6 Wire rope equalization system forces synchronous movement of two carriages and effectively prevents vehicle from tilting.
 - 7 24V low voltage control box (IP54 level) ensures operator's safety .
 - 8 Cylinder travel limit switch effectively protects cylinder and extends its lifespan.
 - 9 Door rubber pad protects car door from being damaged in collision.
 - 10 More lifting pads with different height meets the requirements for light lorries and SUVs.
 - 10 Symmetric and asymmetric installation types are optional.
- Passed 115% dynamic loading test and 150% static loading test .

Extension sleeve 152mm

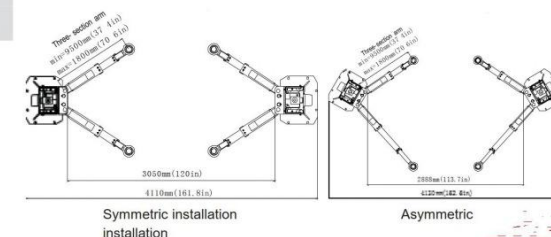
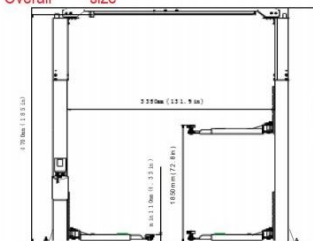


Rated load :	5000kg
Lifting height:	1850mm
Initial height:	110mm
Lifting time :	≤50s
Lowering time :	≥20s≤40s
Passing width for symmetric installation :	3050mm
Overall width for symmetric installation :	4110mm
Passing width for asymmetric installation :	2888mm
Overall width for asymmetric installation :	4130mm
Overall height:	4810mm
Motor power :	3.0kw
Motor voltage :	3 phase/380v or Single 220V
Working noise:	≤75dB (A)
Working oil pressure:	20M Pa

Configuration instructions

		Basic	CE Standard
Swing arm	2stage(950-1800)*4	●	■
Unlocking system	Single-side manual pull	●	●
Power unit	Domestic (Underneath) 3.0KW 12L	●	■
Control box	Electric control box	●	●
Lifting pad	Special double screws lifting pad	●	●
Safety device	Cylinder travel limit module , button box, anti-explosion valve, guardrail	●	■
Color	Launch red , Launch grey , Volkswagen blue , Hyundai blue, GM blue (Buick blue)	●	●
Warranty	1 year	●	●

Overall size



LAUNCH

L0512 TLT260AT

TLT250AT

Heavy-duty

Features

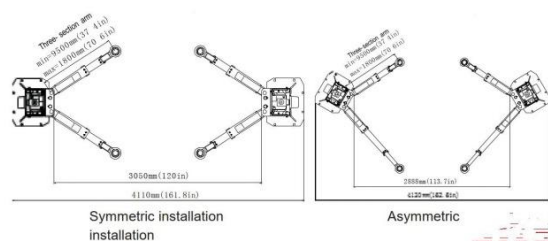
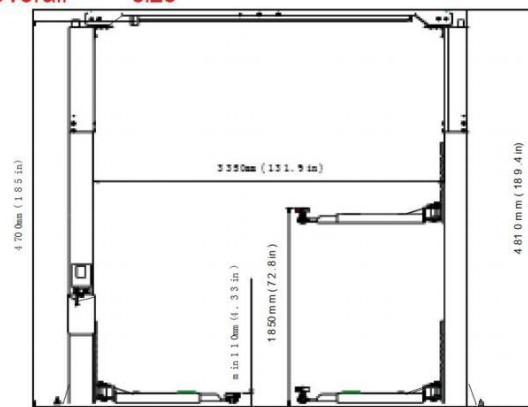
- 1 This machine is applicable for the lifting of various large SUVs, business travel cars and other super wide and high special vehicles.
- 2 Single-side manual lowering device ,safe and easy operation. Width between two columns reaches 3350mm,overall height reaches 4810mm .
- 3 Three-section long arm(adjustment range: 950mm ~ 1800mm).
- 4 The cable and oil pipe are fully concealed; with decent and elegant appearance.
- 5 Double hydraulic cylinder drive makes stable and smooth lifting and lowering.
- 6 Wire rope equalization system forces synchronous movement of two carriages and effectively prevents vehicle from tilting.
- 7 24V low voltage control box (IP54 level) ensures operator's safety .
- 8 Cylinder travel limit switch effectively protects cylinder and extends its lifespan.
- 9 Door rubber pad protects car door from being damaged in collision.
- 10 More lifting pads with different height meets the requirements for light lorries and SUVs.
- 11 Symmetric and asymmetric installation types are optional. Passed 115% dynamic loading test and 150% static loading test .



Optional parts



Overall size



L0513 TLT440W

TLT440W

Wheel alignment 4 - post lift

Features

- Two-layer concealed plate structure, excellent synchronizing performance with the horizontal precision of 1 mm .
- Front wheel turn plate's position is adjustable and rear wheel sliding plate is extended for various vehicle type .
- Widened platform of rolling jack design , more applicable for vehicles with different wheel track .
- Deployed with rolling jack with small scissor electrical hydraulic lifting and lowering .
- Positioning level's accuracy is adjustable, distance between platforms is adjustable, wheel base in certain scope is adjustable .
- Driven by hydraulic cylinder , full-scope mechanical safety locking by locking latch , manual lowering .
- Cable rupture safety system , effectively protects vehicle from overturn .
- Four connected steel cables force synchronized movement of the lift, effectively prevent vehicles from sloping .
- CE- STOP function with safety alarm beep would automatically warn operators to keep safe distance from lift when it lowers to 2 5 0 mm high from ground .
- Cylinder travel limit valve effectively protects cylinder and extends its lifespan .
- Emergency lowering valve can be manually operated to make lift lower safely in case power is off .
- Electric controlled lifting and lowering , safe and easy operation .
- The installation position of turntable and side slip plate can be moved backwards and forwards .
- Applicable for vehicles with different wheel base .
- CE certificated .



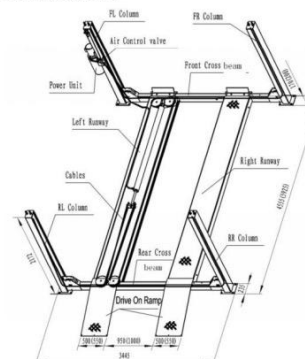
Technical parameters

Rated load:	4000kg
Lifting height:	1900mm
Initial height:	220mm
Lifting time :	≤60s
Lowering time :	≥20s ≤40s
Max. drive-on width:	3045mm
Platform length :	4240mm
Platform width :	500mm
Overall width :	3445mm
Overall height:	2172mm
Motor power :	2.2kw
Motor voltage:	3 phase/380v or Single phase/220V

Secondary lift

Platform length :	915-1450mm
Platform width :	215mm
Lifting time :	≤45s
Lowering time :	≥10s ≤20s
Lifting load :	2000kg
Lifting height :	220-450mm
Working noise :	≤75dB (A)
Working oil pressure :	16MPa
Working air pressure:	0.50-0.7 MPa

Front wheel stop	560×2	●	●
Safety device	Control box , cylimit limit valve , anti- explosion valve , Emergency lowering valve , CE- STOP, loose rope forced balance system		●
Color	Launch red , Launch grey , Volkswagen blue , Hyundai blue , GM blue (Buick blue)	●	●
Warranty	1year	●	



LAUNCH

L0514 TLT455W

TLT455W

Wheel alignment 4 - post lift liftFeatures

- Two-layer concealed plate structure, excellent synchronizing performance with the horizontal precision of 1mm.
- Front wheel turn plate's position is adjustable and rear wheel sliding plate is extended for various vehicle type.
- Widened platform of rolling jack design ,more applicable for vehicles with different wheel track.
- Deployed with rolling jack with small scissor electrical hydraulic lifting and lowering.
- Positioning level's accuracy is adjustable, distance between platforms is adjustable, wheel base in certain scope is adjustable .
- Driven by hydraulic cylinder, full-scope mechanical safety locking by locking latch .manual lowering.
- Cable rupture safety system ,effectively protects vehicle from overturn.
- Four connected steel cables force synchronized movement of the lift, effectively prevent vehicles from sloping.
- CE-STOP function with safety alarm beep would automatically warn operators to keep safe distance from lift when it lowers to 250mm high from ground.
- Cylinder travel limit valve effectively protects cylinder and extends its lifespan.
- Emergency lowering valve can be manually operated to make lift lower safely in case power is off.
- Electric controlled lifting and lowering ,safe and easy operation.
- The installation position of turntable and side slip plate can be moved backwards and forwards.
- Applicable for vehicles with different wheel base.
- CE certificated.

Technical parameters

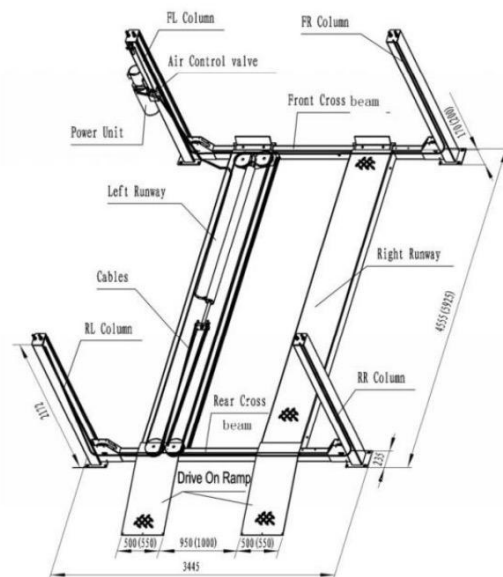
Rated load:	5500kg
Lifting height:	1900mm
Initial height:	220mm
Lifting time:	<60s
Lowering time:	>20s, <40s
Max. drive-on width:	3045mm
Platform length:	5600mm
Platform width:	550mm
Overall width:	3445mm
Overall height:	2172mm
Motor power:	2.2kw
Motor voltage:	3 phase/380v or Single phase/220V
Secondary lift	
Platform length:	915-1450mm
Platform width:	215mm
Lifting load:	2700kg
Lifting height:	220-450mm
Working noise:	W 75dB (A)
Working oil pressure:	16MPa
Working air pressure:	0.5-0.7 MPa

Configuration instructions

	Basic	CE Standard
Ramp assembly	508X 1250mmX2	•
Unlocking device	Manual lowering device	•
Power unit	Domestic 2.2KW 10L	•
Control box device	Semi-electrical	•
Secondary lift	2 ton	•
Turntable	•	•
Side slip plate	•	•



Front wheel stop	560X2	•	•
Safety device	Control box , cylimit limit valve, anti-explosion valve, Emergency lowering valve, CE-STOP, loose rope forced balance system	•	•
Color	Launch red, Launch grey, Volkswagen blue, Hyundai blue, GM blue (Buick blue)	•	•
Warranty	1year	•	•



L0515 TLT445W-ON

TLT445W-ON

Wheel alignment 4 - post lift 4.5T Features

- Two-layer concealed plate structure, excellent synchronizing performance with the horizontal precision of 1 mm.
- Front wheel turn plate's position is adjustable and rear wheel sliding plate is extended for various vehicle type .
- Widened platform of rolling jack design , more applicable for vehicles with different wheel track .
- Deployed with rolling jack with small scissor electrical hydraulic lifting and lowering .
- Positioning level' s accuracy is adjustable, distance between platforms is adjustable , wheel base in certain scope is adjustable .
- Driven by hydraulic cylinder , full- scope mechanical safety locking by locking latch , manual lowering .
- Cable rupture safety system , effectively protects vehicle from overturn .
- Four connected steel cables force synchronized movement of the lift, effectively prevent vehicles from sloping .
- CE- STOP function with safety alarm beep would automatically warn operators to keep safe distance from lift when it lowers to 2 5 0 mm high from ground .
- Cylinder travel limit valve effectively protects cylinder and extends its lifespan .
- Emergency lowering valve can be manually operated to make lift lower safely in case power is off .
- Electric controlled lifting and lowering , safe and easy operation .
- The installation position of turntable and side slip plate can be moved backwards and forwards .
- Applicable for vehicles with different wheel base

Technical parameters

Rated load:	4500kg
Lifting height:	1800mm
Initial height:	220mm
Lifting time :	<60s
Lowering time :	>20s <40s
Max. drive-on width:	3045mm
Platform length :	4680mm
Platform width :	500mm
Overall width :	3335mm
Overall height:	2172mm
Motor power:	2.2kw
Motor voltage:	3 phase/380v or Single phase/220V

Secondary lift

Platform length :	915- 1450mm
Platform width :	215mm
Lifting time :	< 45s
Lowering time :	>10s <20s
Lifting load :	2000kg
Lifting height :	220-450mm
Working noise :	< 75dB (A)
Working oil pressure :	16MPa
Working air pressure :	0.5-0.7 MPa



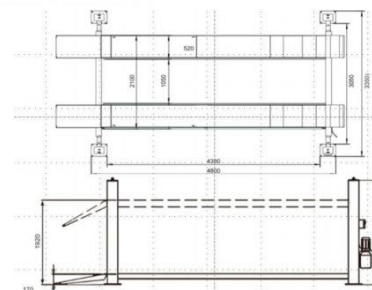
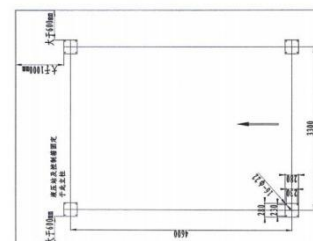
Standard:
Manual release



Optional:
Pneumatic release



TLT445W four-wheel positioning four-pillar lift can lift all kinds of vehicles with a weight of no more than 4500 kg. It is applicable to automobile repair enterprises, tire dealers and various grades of automobile four-wheel positioning detection and automobile repair, repair and maintenance



L0516 TLT455W-ON

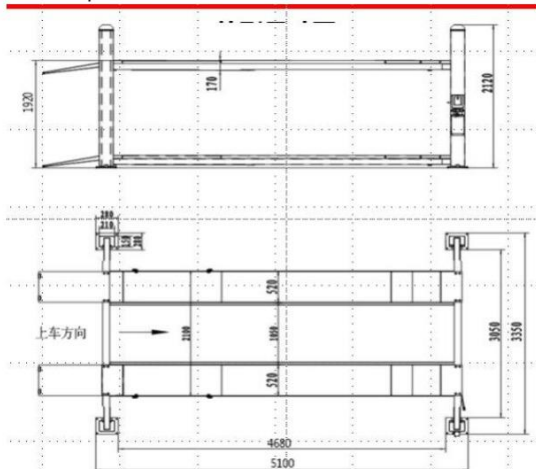
TLT455W-ON

Wheel alignment 4 - post lift 5.5T liftFeatures

Two-layer concealed plate structure, excellent synchronizing performance with the horizontal precision of 1 mm.
Front wheel turn plate's position is adjustable and rear wheel sliding plate is extended for various vehicle type.
Widened platform of rolling jack design, more applicable for vehicles with different wheel track.
Deployed with rolling jack with small scissor electrical hydraulic lifting and lowering.
Positioning level's accuracy is adjustable, distance between platforms is adjustable, wheel base in certain scope is adjustable.
Driven by hydraulic cylinder, full-scope mechanical safety locking by locking latch, manual lowering.
Cable rupture safety system, effectively protects vehicle from overturn.
Four connected steel cables force synchronized movement of the lift, effectively prevent vehicles from sloping.
CE-STOP function with safety alarm beep would automatically warn operators to keep safe distance from lift when it lowers to 250 mm high from ground.
Cylinder travel limit valve effectively protects cylinder and extends its lifespan.
Emergency lowering valve can be manually operated to make lift lower safely in case power is off.
Electric controlled lifting and lowering, safe and easy operation.
The installation position of turntable and side slip plate can be moved backwards and forwards.
Applicable for vehicles with different wheel base.

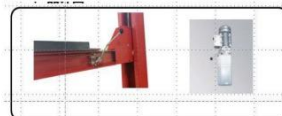
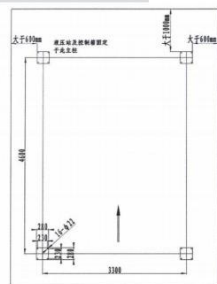


TLT455W four-wheel positioning four-pillar lift can lift all kinds of vehicles with a weight of no more than 5500 kg. It is applicable to automobile repair enterprises, tire dealers and various grades of automobile four-wheel positioning detection and automobile repair, repair and maintenance



Technical	parameters
Rated load:	5500kg
Lifting height:	1800mm
Initial height:	220mm
Lifting time:	≤60s
Lowering time:	≥20s ≤40s
Max. drive-on width:	3045mm
Platform length:	5080mm
Platform width:	500mm
Overall width:	3350mm
Overall height:	2172mm
Motor power:	2.2kw
Motor voltage:	3 phase/380v or Single phase/220V

Secondary lift	parameters
Platform length:	915-1450mm
Platform width:	215mm
Lifting time:	≤45s
Lowering time:	≥10s ≤20s
Lifting load:	2000kg
Lifting height:	220-450mm
Working noise:	≤75dB (A)
Working oil pressure:	16MPa
Working air pressure:	0.5-0.7 MPa



Standard:
Manual release



Optional:
Pneumatic release

L0517 TLT440



Lift capacity: 4.0 T
lift high: 1.8 meters
Voltage Power: 380V 2.2 KW/220v 2.2kw
column long: 4648mm
Total long: 5620mm
out wide: 3440mm
pass wide: 3000mm
hieght: 2340mm
Pneumatic unlock release
Working oil pressure: 16MPa
Working air pressure: 0.5-0.7MPa
package:465x55x80cm weight:1150kg

L0518 TLT455



Lift capacity: 5.5 T
lift high: 1.8 meters
Voltage Power: 380V 2.2 KW/220v 2.2kw
column long: 5600mm
Total long: 6420mm
out wide: 3440mm
pass wide: 3000mm
hieght: 2340mm
Pneumatic unlock release
Working oil pressure: 16MPa
Working air pressure: 0.5-0.7MPa
package:465x55x80cm weight:1350kg

L0519 TLT615



Lift capacity: 1.5 T
lift high: 1.8 meters
Pneumatic: 0.6-0.8MPa
Total long: 1380mm
out wide: 800mm
hieght: 1200-1800mm
Pneumatic unlock release
Working oil pressure: 16MPa
Working air pressure: 0.5-0.7MPa

package:140x90x120cm weight:400kg

L0521 LH2203



Rated load: 3000kg
Lifting height: 465mm
Initial height: 133mm
Package:740x38x20cm
Weight:33kg
One pallet:18pc

L0522 LH-2303



Rated load: 3000kg
Lifting height: 505mm
Initial height: 75mm
Package:80x38x20cm
Weight:34.2kg
One pallet:18pc

L0520 TLT635A

TLT635A

Small Scissor lift liftFeatures

Features

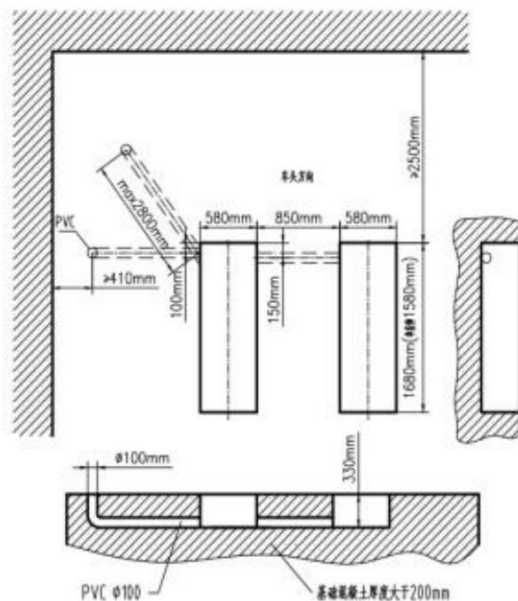
- 1 Standard 3.5t small double scissor lift .
- 2 In-ground installation type ,without occupying space.
- 3 It's convenient for demounting tyres and repairing chassis with synchronous hydraulic cylinders assembly.
- 4 The lift features advanced ,dft and reasonable design, durability, and compact layout.
- 5 Anti-explosion safety device makes it stable and reliable operation.
- 6 Travel limit safety device ,protects machine from being damaged.
- 7 All moving points adopt automatic lubricating oil-free bearing for ensuring long lifespan.
- 8 Oil hose anti-explosion device.
- 9 CE certificated.

Technical parameters

Rated load :	3500kg
Lifting height:	1900mm
Initial height:	300mm
Lifting time :	≤50s
Lowering time :	≥20s
Runway width :	520mm
Runway length :	1580~1900mm
Advised distance between two runways :	800mm
Overall width:	1840mm
Safety method :	Mechanical safety lock + pneumatic
Motor power :	2.2kw
Motor voltage :	3 phase/380v or Single phase/220V
package:	160x60x80cm weight:700kg

Environmental Requirement

Working temperature :	-5℃ ~ +40℃
Transport/ storage temperature :	-5℃ ~ +40℃
Relative humidity :	Temperature+ 30℃,relative humidity 80 %
Height above sea level:	No more than 2000m



L0523 TLT635AF

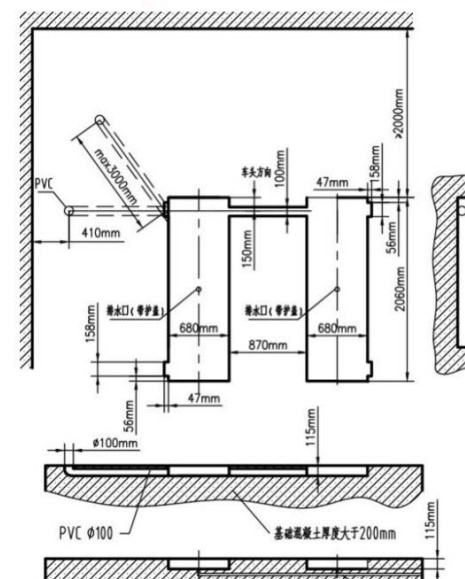
TLT635AF

Ultra- thin small scissor lift

Features

- 1 Hidden scissor ultra-thin structure and the rated load reaches 3500kg.
- 2 Separate control box in a low voltage controlling way is safer and better for operation.
- 3 Hydraulic volume keeps the pace with the cylinder and the platform runs synchronously and smoothly.
- 4 Double security design with the hydraulic lock and the mechanical tooth safety claw keeps safe and reliable.
- 5 Protection mechanism device for hydraulic failure, overload safety valve protection and pipe explosion-proof protection; the equipment will not fall quickly when the oil pipe bursts.
- 6 Italy, Germany, Japan and other high-quality hydraulic components and electrical components are our standard configurations.
- 7 Manual lowering device is equipped for power outage situations

Rated Load	3500kg
Lifting Height	1900mm
Initial Height	105mm
Runway Length	1495~2035mm
Runway Width	616mm
Lifting Time	≤50s
Lowering Time	≤60s
Motor Power	2.2KW
Motor Voltage	AC 400V or 230V ±5% 50Hz
Drive Method	Electro-hydraulic
Hydraulic Oil Type	18L (self-purchase) #32 in winter #46 in summer
Air Pressure	6~8kg/cm ²
Working Temperature	5~40℃
Net Weight	860kg



L0524 TLT840WA

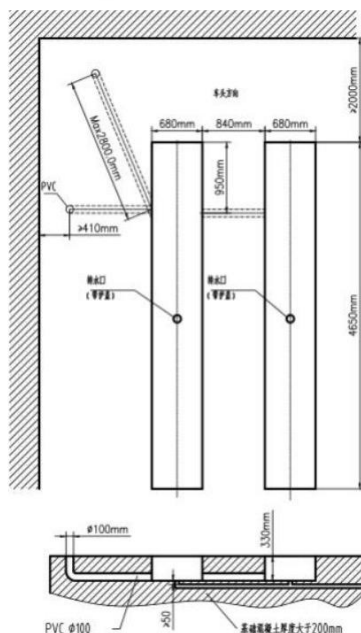
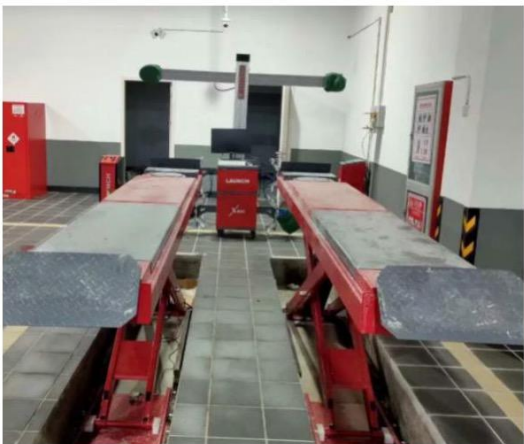
TLT840WA

Big scissor lift with secondary lift

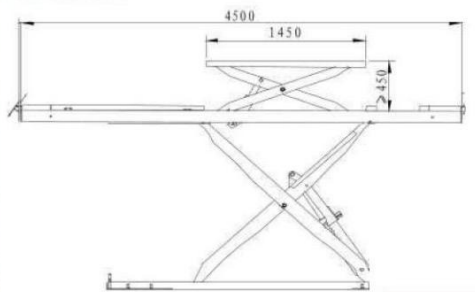
Features

- In-ground and on-ground installation are optional
- Double scissors lift, with the front wheel turntable positions, rear wheel side sliding plate and scissor type secondary lifting, suitable for the four-wheel alignment.
- Hydraulic interlocking and anti-explosion safety device makes it stable and reliable operation.
- Bilateral hydraulic synchronizing system ensures high synchronization performance.
- Widened secondary lift's runway design, more applicable for vehicles with different wheel track.
- Travel limit safety device: protects machine from being damaged.
- Oil hose anti-explosion device.
- CE-STOP function with safety alarm beep would automatically warn operators to keep safe distance from lift when it lowers to 400mm high from ground.
- All moving points adopt automatic lubricating oil-free bearing for ensuring

Rated Load	4000kg
Lifting Height	1850mm
Initial Height	330mm
Runway Length	4500mm
Runway Width	605mm
Lifting Time	≤50s
Lowering Time	≤60s
Motor Power	2.2KW
Motor Voltage	AC 400V or 230V ± 5% 50Hz
Drive Method	Electro-hydraulic
Hydraulic Oil Type	18L (self-purchase) #32 in winter; #46 in summer
Air Pressure	6~8kg/cm ²
Working Temperature	5~40℃
Net Weight	2000kg



Overall size



L0525 TLT840WAF

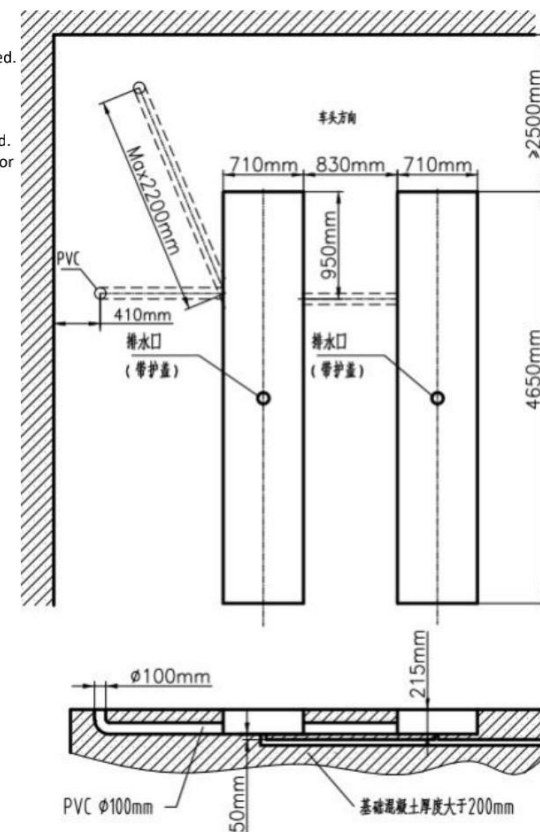
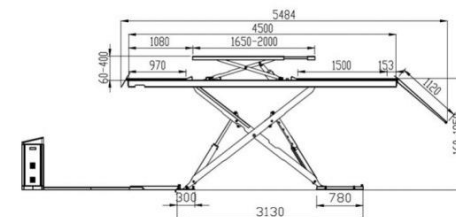
TLT840WAF

Ultra-thin scissor lift with secondary lift on ground

Features

- on-ground installation are optional, Initiation high 195mm
- Double scissors lift, with the front wheel turntable positions, rear wheel side sliding plate and scissor type secondary lifting, suitable for the four-wheel alignment.
- Hydraulic interlocking and anti-explosion safety device makes it stable and reliable operation.
- Bilateral hydraulic synchronizing system ensures high synchronization performance.
- Widened secondary lift's runway design, more applicable for vehicles with different wheel track.
- Travel limit safety device: protects machine from being damaged.
- Oil hose anti-explosion device.
- function with safety alarm beep would automatically warn operators to keep safe distance from lift when it lowers to 400mm high from ground.
- All moving points adopt automatic lubricating oil-free bearing for ensuring long lifespan.

Rated Load	4000kg
Lifting Height	1850mm
Initial Height	160mm
Runway Length	4500mm
Runway Width	680mm
Lifting Time	≤50s
Lowering Time	≤60s
Motor Power	2.2KW
Motor Voltage	AC 400V or 230V ± 5% 50Hz
Drive Method	Electro-hydraulic
Hydraulic Oil Type	18L (self-purchase) #32 in winter; #46 in summer
Air Pressure	6~8kg/cm ²
Working Temperature	5~40℃
Net Weight	2500kg





18*160mm L9001
18*200mm L9002
16*150mm L9003



L9005 TLT240SB
8570mm
L9006 TLT240SC
10600mm



TLT 240SB
2775mm L9010
1240mm L9011



TLT 240SC
5370mm L9015
4250mm L9016
950mm L9017
880mm L9018



90mm L9020
110mm L9021



L9022



L9023



L9024



L9025



L9026



L9027



L9028



L9029



L9030



L9031



L9032



L9025



L9033



L9034



L9035



L9036



L9037



L9040



L9041



L9042



L9043



L9044



L9045



L9046



L9050



L9051



L9052



L9053



L9054



L9055



L9056



L9060
9250



L9061
7710



L9062
4565



L9063
3030



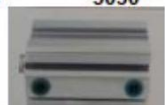
L9064



L9065



L9066



L9067



L9068



L9069



L9070



L9071



L9072



L9080



L9081



L9082



L9083

L0601 CAT-501S

CAT-501S

Auto Transmission Cleaner and Fluid Exchanger

Automatic Transmission Cleaner And Fluid Exchanger
CAT-501S is professional in cleaning the auto transmission with the detergent added and exchanging the auto transmission fluid simultaneously with the engine on when there is pressure difference inside the auto transmission and the pump. It also has the function of auto transmission fluid flow automatic recognition, frequently-used vehicle adding and searching list, fluid exchanging result customized printing, fluid filter replacement warning. Moreover, with bigger 5 inch display and optional VGA function, the presentation and operation will be more easy and vivid.

- 1 Cycle cleaning with detergent
- 2 Equivalent exchange with high accuracy
- 3 5 inch display
- 4 Fluid exchanging result customized printing
- 5 Free full set of vehicle connectors upgrading globally
- 6 Fluid flow automatic recognition
- 7 Fluid level adjustment
- 8 Filter replacement warning
- 9 Optional VGA function
- 10 Frequently-used vehicle adding and searching list

Power Supply	AC220±10%~50/60Hz AC110±10%~60Hz
Equivalent Exchange Error	±100ml
Max. Detergent Capacity	1000ml
Temperature Sensitivity	±1°C
Filter Precision	5µm
Noise	<70dB
Power Consumption	150W
Ambient Temperature	-10°C~40°C
Relative Humidity	<85%
Dimension	590*700*1037 mm
NET Weight	70kg



LAUNCH

L0604 Value-500 Plus

No	Item	Data
1	Power Supply	AC 220V/50Hz
2	Power	1000W
3	Working Temperature	10~50° C
4	Relative humidity	<85%
5	Vacuum Pump	7.3m3/h
6	Tank	12L
7	HP/TP Gauge	1bar~35bar
8	LG Gauge	1bar~20bar

VALUE-500 PLUS automotive air conditioner servicing machine provides automatic full service to automotive A/C refrigeration system which includes recycling, evacuation and recharging of both R134A and R1234YF refrigerant blends. It has significant improvement on poor automotive A/C refrigeration effect, compressor overload, loud noise and high fuel consumption. With the built-in automotive A/C database, VALUE-500 PLUS offers accurate recharging service without disassembly and manual intervention.



Features:

1. Non-disassembly maintenance that save time and effort, and reduce accessories loss
2. Refrigerant recycling
3. Improve car power and refrigeration effect
4. Effectively filter the impurities of the refrigerant to reduce compressor wear
5. Automatic full service without manual intervention
6. Accurate recharging with built-in automotive A/C database that covers mainstream models
7. Running silently
8. Visible operation steps with built-in LCD display
9. Compatible with both R134A and R1234YF refrigerant blends
10. Large-size glass tube with LED backlighting, can effectively observe the entire cleaning process
11. Forward and reverse flushing functions, which greatly improve the cleaning effect
12. Operation result print automatically.

L0604 Value-300 Plus

Air conditioner servicing machine

1. Non-disassembly maintenance that save time and effort, and reduce accessories loss
2. Automatic full service without manual intervention
3. Accurate recharging with built-in automotive A/C database that covers mainstream models
4. Visible operation steps with built-in LCD display
5. Compatible with both R134A and R1234YF refrigerant blends
6. Large-size glass tube with LED backlighting, can effectively observe the entire cleaning process
7. Forward and reverse flushing functions, which greatly improve the cleaning effect

Power Supply AC 220V/50Hz

Tank 12L

Vacuum Pump 7.3m3/h

package:135x66x72cm weight:126kg



L0003

86PC ATF adapter

All kinds adapter

Full set

For all ATF clean and change machine

package:63x44x18cm weight:16kg



L0802 CNC603A

Injector Cleaner & Tester

Power Supply AC220V-230V, 50Hz/60Hz
Input Power 300W
Cleaning Power 100W
Range of Rotation 10~9990rpm (step length: 10rpm)
Time limit 1~9999s
Pulse Width Range 0.5~25ms (step length: 0.1ms)
Environment Temperature 0°C~45°C
Relative Humidity 85%
Strength of External Magnetic Field 400A/m
Operating Volume 3000ml
Main Unit Dimensions 396*380*446mm

Packing Dimensions 458*433*537mm
Weight 18.5kg



L0803 CNC602A

Injector Cleaner & Tester

- * Power supply: AC220V±10%/50Hz~60Hz
- * Input power: 250W
- * Ultrasonic cleaning power: 100W
- * Simulated RPM range: 10 ~ 9990rpm; step: 10rpm
- * Count range: 1 ~ 9999 times
- * Pulse width: 0.5 ~ 25ms; step 0.1 ms
- * Fuel tank capacity: 4700ml
- * CNC-602A Size: 385×410×500mm
- * CNC-602A Weight: About 33kg

Package 50x60x70cm weight: 34kg

L0804 CNC601A

Injector Cleaner & Tester

<p>Voltage AC220V Host power 350W Ultrasonic power 60W Test tube accuracy 2% Analog speed 100~9999rpm, step length 100rpm Driving time 0.5~25ms, step length 0.1ms Timing range 1~30min LCD 128x64 Oil supply pressure 0.1~10bar Inlet pressure 6~8bar Fuel tank capacity about 4L Packing size 540x520x580mm Gross weight 28.5kg (6 cylinders)</p>	<p>Electric control oil discharge LCD display, multi-language Ultrasonic cleaning No disassembly, /cleaning and maintenance (Need to buy adapter) Atomization test Uniformity test Tightness test Fuel injection volume test Automatic mode System functions Suitable for GDI, EFI, SFI Other types of fuel injectors</p>
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L0805 CNC801

Injector Cleaner & Tester

<p>Voltage AC220V Host power 350W Ultrasonic power 60W Test tube accuracy 2% Analog speed 100~9999rpm, step length 100rpm Driving time 0.5~25ms, step length 0.1ms Timing range 1~30min LCD 128x64 Oil supply pressure 0.1~10bar Inlet pressure 6~8bar Fuel tank capacity about 4L Packing size 540x520x580mm Gross weight 28.5kg (6 cylinders)</p>	<p>Electric control oil discharge LCD display, multi-language Ultrasonic cleaning No disassembly, /cleaning and maintenance (Need to buy adapter) Atomization test Uniformity test Tightness test Fuel injection volume test Automatic mode System functions Suitable for GDI, EFI, SFI Other types of fuel injectors</p>
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L0806 CNC603C

Injector Cleaner & Tester

- * Power supply: AC220V±10%/50Hz~60Hz
- * Input power: 250W
- * Ultrasonic cleaning power: 100W
- * Simulated RPM range: 10 ~ 9990rpm; step: 10rpm
- * Count range: 1 ~ 9999 times
- * Pulse width: 0.5 ~ 25ms; step 0.1 ms
- * Fuel tank capacity: 3000ml

Package: 43x47x50cm weight: 23kg



L1001 TOC217

Oil Changer

Working pressure 8~10bar
Vacuum degree 0~ negative 0.1Mpa
Safety valve value 3.5bar
Measuring cup volume 10L
Oil storage tank volume 72L
Discharge inlet pressure 1bar
Net weight 30Kg
Extract the engine waste oil without lifting the car
Using the principle of compressed air and a specially
designed vacuum generator for the oil pumped process
Disassemble the Oil Sump Drain Screw without the
Lifting Machine
Equipped with Specially Designed Vacuum Generator

package: 27*27*52/55*49*97 weight: 30kg





VSP-300

L010006
VSP-300



VSP-310

L010007
VSP-310



L010008
VSP-100



L010009
BST-500



L010010
BST-800



L010015
VSP-828



SLD-301 (TURBO)

L1101
SLD-301



SLD-302 (EVAP)

L1102
SLD-302



L1120
injector O part
SET

L0004 PF-100

Programming Flash Power

- 5 Protection Modes: Reverse Protection, Short Circuit Protection, Low Voltage Protection, Overheat Protection, Overcharge Protection
 - Charging Mode: The regular mode for battery that under normal condition
 - Exhibit Mode: Charging the battery continually in small current in showroom
 - Programming Mode: The programming voltage of 12-16V can be directly selected
 - Hidden Repair Mode: Auto repair if there is a minor issue
- Input Voltage 220~240V/50~60Hz/1200w
Max. Current 100A/12vProgramming Mode 2~16V/2~100A
MAH 10~1200Ah Electric Cable Length 3m
Packing size 53x50x27cm Gross weight 13kg



L0005 TWT-100

Tool Trolley

- 5 Layer design for tools/equipment orderly placement
 - Top Layer Tilt Design for easy operating
 - Lockable Drawer for safer storage
 - Special Hock Rack design for wire arrangement
 - Metal Radiating Plate for laptop/equipment effectively heat elimination
 - Push/Pull handle and 360°freely rotate wheels, take TWT-100 to wherever you want
 - Made of high-quality steel at least 2mm thickness
- Package:60x50x45cm weight:65kg



L0006 PFP-100

Programming Flash Power

- 5 Protection Modes: Reverse Protection, Short Circuit Protection, Low Voltage Protection, Overheat Protection, Overcharge Protection
 - Charging Mode: The regular mode for battery that under normal condition
 - Exhibit Mode: Charging the battery continually in small current in showroom
 - Programming Mode: The programming voltage of 12,24V can be directly selected
 - Hidden Repair Mode: Auto repair if there is a minor issue
- Input Voltage 220~240V/50~60Hz/1200w
Max. Current 100A/12v(11-15.8V) Programming 24V/50A(22-31.6v)
Power 1080w Electric Cable Length 3m

Packing size 53x50x27cm Gross weight 13kg



L010010 ESP-150

Car Jump Starter (15000mA 12v)



L010011 BST360

Bluetooth Battery Tester

- Ripple Detection
- Battery Test
- Electric Current Test
- Starter Test
- Charging System Test
- Voltage Test

LAUNCH

L0007 TTG-60

TTG-60 60PC 4-wheel alignment tool cart kit



L0009 TTG-200

Quick Repair Tool Trolley Kit



L0011 TTG-270

TTG-270 270 piece maintenance tool cart kit



L0008 TTG-80

TTG-80 80-piece tire tool cart kit



L0010 TTG-326

TTG-326 326-piece machine tool kit



L0012 TTG-84

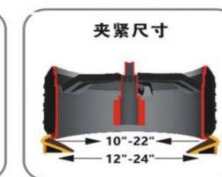
TTG-84 84PC New Energy Repair Tool Cart Kit



L1201 TWC401NIC

Tire Changer TWC401NIC

Right Auxiliary arm assist (Optional)
Self-centering Working Table
Bead breaking arm and mounting head
All newly design made improvement
Easy to work with swing arm and foot pedal assist
Launch comprehensive after-service network
Motor power 1.1kw
Power supply 220V
Max. wheel diameter 41"(1040mm)
Max. wheel width 14"(355mm)
Outside clamping 10" ~ 20"
Inside clamping 12" ~ 24"
Carton Size 1000*970*770mm
Weight 209/225kg



L1202 TWC412NIC

Tire Changer TWC412NIC

Pneumatically operated tilting column
Simultaneous pneumatic horizontal and vertical arm locking
Pneumatic bead breaker
Optional motorcycle adaptor
Motor power 1.1kw
Power supply 220V
Max. wheel diameter 41"(1040mm)
Max. wheel width 14"(355mm)
Outside clamping 10" ~ 20"
Inside clamping 12" ~ 24"
Carton Size 1000*970*770mm
Weight 209/235kg



LAUNCH

L1203 TWC502RMB

Tire Changer TWC502RMB

Pneumatically operated tilting column
Simultaneous pneumatic horizontal and vertical arm
locking
Capable of handling stiff, wide and low-profile tire
Right help arm
Motor power 1.1kw Power supply 220V
Max. wheel diameter 40"(960mm)
Max. wheel width 14"(355mm)
Outside clamping 10" ~ 22 "
Inside clamping 12" ~ 24 "
Carton Size 100*970*770(main body)
1230*450*350mm(help arm)
Weight 298/365kg



L1204 TWC512 RMB

Tire Changer TWC512RMB

Pneumatically operated tilting column
Simultaneous pneumatic horizontal and vertical arm locking
Capable of handling stiff, wide and low-profile tire
Right help arm
Inverted hook
Rim clamping from outside: 10" -22"
Rim clamping from inside: 12"-26"
Max.wheel diameter: 41"(1040mm)
Wheel width: 3" -14"(355mm)
Motor power:1.1/0.75kw
Carton Size 1900*1200*920
Weight 368/465kg



L1301 KWB402

Wheel Balancer KWB402

For passenger car, motorcycle and light commercial vehicle wheels
Hand-operated distance and wheel diameter input
Various balancing modes
Self-calibration and diagnosis
Optional plastic safe-guard, universal wheel flange, motorcycle adaptor and large centring cone
Max. wheel weight 65kg
Motor power 0.2kw/0.37kw 220V
Balancing accuracy $\pm 1g$
Rim diameter 10" ~ 24 "
Rim Width 1.5" ~ 20 "
Package size 960*760*1230mm Weight 95/126kg



L1302 KWB412

Wheel Balancer KWB412

Aluminium gauge head with wheel weight clamp
Automatic distance and wheel diameter measuring
Pluggable position pick up board SP and hidden weight mode OPT mode for optimization
Self diagnoses, easy to find the problem
Max. wheel weight 65kg
Motor power 0.2kw/0.37kw,220V
Balancing accuracy $\pm 1g$
Rim diameter 10" ~ 24 "
Rim Width 1.5" ~ 20 "
Package size 960*760*1230mm
Weight 95/126kg



L1303 KWB503

3D Automatic wheel balancer KWB503

1. New magnetic suspension technology obtains the data automatically to improve the precision and reduce measurement time
2. Automatic measure three parameters distance ("a" value), rim diameter ("d" value) and rim width
3. Laser positioning of adhesive weights
4. Fully automatic positioning at the unbalance point on both inside and outside of the rim with laser indication

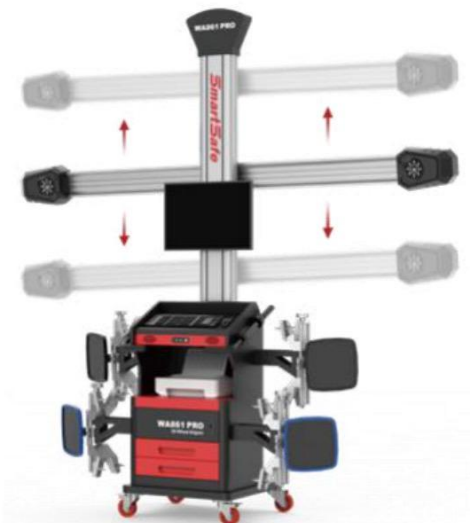
Rim Diameter Range:10~30"
Rim Width Range:1.5~22"
Max. Wheel Diameter:1080mm
Working Pressure:0.8~1MPa
Max. Wheel Weight $\leq 80kg$



S0403 WA861 PRO

3D Wheel Aligner

- 0.1mm Detection Accuracy
- Report Generated in 4 Seconds
- IPX5 Waterproof Rating
- 3D Optical Technology



Features

- 1. 50000+ global vehicle model database, lifetime free upgrade,
- 2. 5 million pixel industrial camera, easily adapt to a variety of lighting environment
- 3. 8-12cm rolling compensation, saving time and effort
- 4. Adaptive tracking system, freely adjust the operating space under the chassis, can be expanded to adapt to small scissors and two post lift
- 5. The whole machine is movable and can be shared by multiple stations, which improves the space utilization rate of the repair shop
- 6. When the beam is raised or lowered, it will automatically stop when encountering obstacles to protect the safety of personnel and equipment

Functions

- 1. **Four-wheel alignment measurement**: It supports standard measurement and quick measurement and can measure key parameters such as toe, camber, caster, kingpin inclination, and thrust angle. Supports additional measurements such as wheel base, wheeltrack, axle offset, wheel offset, diagonal, center offset, etc.
- 2. **Intelligent self-adaptive tracking system**: automatically track the target, and adjust the height of the beam adaptively according to the height of the target
- 3. **Database**: supports positioning data of 50,000+ global vehicle models, and supports user-defined database
- 4. **Test report**: support measurement report saving and printing
- 5. **Compatible with multiple platforms**: suitable for four-post lifts, large scissors lifts, small scissors lifts, two-post lifts and trenches;
- 6. **Multi-station sharing**: the whole machine is moveable, which is convenient for multi-station sharing
- 7. **Dual-screen display**: Support dual-screen display at the same time, an optional secondary screen is required

Parameters

Display Accuracy	1"/0.01/0.1mm	Kingpin Inclination	±6'
Toe	±2'	Trust Angle	±2'
Camber	±2'	Wheel Track	±2mm
Caster	±4'	Wheel Base	±2mm

S0404 WA861

3D Wheel Aligner

- 50,000+ Vehicle Model Database
- 10-15cm Rolling Compensation
- High-Definition Industrial Camera
- Multi-Station Sharing



Features

- 1. 50000+ global vehicle model database, lifetime free upgrade;
- 2. 10-15cm rolling compensation, saving time and effort
- 3. The height of the beam can be adjusted manually, adapting to various maintenance environments, and does not need to be recalibrated
- 4. The whole machine is movable and can be shared by multiple stations, which improves the space utilization rate of the repair shop

Functions

- 1. **Four-wheel alignment measurement**: It supports standard measurement and quick measurement and can measure key parameters such as toe, camber, caster, kingpin inclination, and thrust angle. Supports additional measurements such as wheel base, wheeltrack, axle offset, wheel offset, diagonal, center offset, etc.
- 2. **Database**: supports positioning data of 50,000+ global vehicle models, and supports user-defined database
- 3. **Test report**: support measurement report saving and printing
- 4. **Compatible with multiple platforms**: suitable for four-post lifts, large scissors lifts and trenches;
- 5. **Multi-station sharing**: the whole machine is moveable, which is convenient for multi-station sharing
- 6. **Dual-screen display**: Support dual-screen display at the same time, an optional secondary screen is required

Parameters

Display Accuracy	1"/0.01/0.1mm	Kingpin Inclination	±6'
Toe	±2'	Trust Angle	±2'
Camber	±2'	Wheel Track	±2mm
Caster	±4'	Wheel Base	±2mm

S0405 WA861 LITE

3D Wheel Aligner

- 50,000+ Vehicle Model Database
- 10-15cm Rolling Compensation
- High-Definition Industrial Camera
- Beam Manual Height Adjustment



Features

- 1. 50000 + global vehicle model database , lifetime free upgrade ;
- 2. 10-15cm rolling compensation , saving time and effort ;
- 3. The height of the beam can be adjusted manually , adapting to various maintenance environments , and does not need to be calibrated .
- 4. Classic stationary design , cost-effective choice

Functions

- 1. **Four-wheel alignment measurement** : It supports standard measurement and quick measurement and can measure key parameters such as toe , camber , caster , kingpin inclination , and thrust angle Supports additional measurements such as wheel base , wheeltrack , axle offset , wheel offset , diagonal , center offset , etc .
- 2. **Database** : supports positioning data of 50 , 000 + global vehicle models , and supports user-defined database
- 3. **Test report** : support measurement report saving and printing ;
- 4. **Compatible with multiple platforms** : suitable for four-post lifts , large scissors lifts and trenches ;
- 5. **Dual-screen display** : Support dual-screen display at the same time , an optional secondary screen is required

Parameters

Display Accuracy	1"/0.01/0.1mm	Kingpin Inclination	± 6'
Toe	± 2'	Trust Angle	± 2'
Camber	± 2'	Wheel Track	± 2mm
Caster	± 4'	Wheel Base	± 2mm