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Your 1 stop workshop supplier

THINKCAR

PRODUCT BROCHURE



LEADING TECH IN
DIAGNOSTICS

01

Professional Diagnostic Tools



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THINKTOOL Max

13-inch OE-Level Diagnostic Tool For Passenger And Commercial Vehicles

LARGER, FASTER, MORE POWERFUL



Online Programming



Cars & Trucks Support



Remote Diagnosis



41 Maintenance

THINKTOOL Max

THINKTOOL MAX is a new generation diagnostic tool developed by THINKCAR with powerful online programming, OE-level diagnostic for 300+ car makes worldwide. It's the top one diagnostic tool in automotive diagnostic.



Powerful Online Programming

THINKTOOL MAX, the most powerful modular programming diagnostic tool, introduces intelligent programming function available for Audi, BMW, Land Rover, Mercedes-Benz, Nissan, Porsche, Seat, Skoda, Subaru, VW and more.

Equipped 4 Functional Modules



THINKEASY Battery Test Clip(Standard)



THINKTOOL Video Scope(Standard)



THINKCAR T-Wand 200 (Standard)



THINKTOOL Scope Box(Standard)

Main Features

- OE-level diagnosis for 300+ passenger & commercial vehicles, support full vehicle diagnosis such as read and clear DTCs, live data stream, actuation test, Advanced coding, special function and more.
- Online programming for AUDI, BMW, Land rover, Mercedes-Benz, Nissan, Porsche, Seat, Skoda, Subaru, vw, more to come!
- Accurate ADAS Calibration services, THINKTOOL Max can work with THINKCAR ADAS to fulfil daily calibration needs.
- 41 maintenance reset, such as oil reset, brake-pad reset, steering angle reset, battery matching, ABS bleeding, TPMS reset, DPF regeneration, gear learning, throttle adaption and more.
- Compatible with THINKCAR PROG, to operate car key matching & programming, gearbox programming, replace anti-theft device parts.
- Superior Hardware, 13.3-inch HD touch screen, 286GB/ 8GB storage, 13MP rear camera, 18600mAh battery.

Specifications



13 megapixel rear camera



18600mAh battery



Brightness up to 800 nit



8GB RAM, 256GB STORAGE



13.3 INCH LED touch screen



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THINKTOOL Master X

10-inch Professional Diagnostic Tool For Passenger And Commercial Vehicles

THE MOST POWERFUL DIAGNOSTIC TOOL



Online Programming



Cars & Trucks Support



OE-Level Diagnosis



41 Maintenance

THINKTOOL Master X

THINKTOOL Master X is an upgraded full function diagnostic tool, supporting 220 car makes globally, 12V&24V passenger, commercial, hybrid vehicles, heavy duty trucks, and more.



41 Maintenance Reset



Protocol Support

THINKTOOL Master X adopts the latest DoIP and CAN FD protocols as well as J2534, D-PDU, DoIP and more.

- DoIP Protocol
- CAN FD Protocol
- J2534 Protocol
- D-PDU Protocol

Online Programming

THINKTOOL Master X supports online programming functions for Audi, BMW, LANDROVER, Mercedes-Benz, Nissan, Porsche, Seat, Skoda, Subaru, VW and more.

Support 8 Functional Modules

- THINKPRINTER(Standard)
- THINKWORKLIGHT(Optional)
- THINKTOOL Battery Tester(Optional)
- THINKTOOL Thermal Imager(Optional)
- THINKTOOL Video Scope(Optional)
- THINKTOOL Scope Box(Optional)
- THINKCAR T-Wand 200(Optional)
- THINKCAR PROG(Optional)

Specifications

- ROM/RAM: 128G/4GB
- Battery : 12000mAh/3.7V
- Camera: 8MP Rear
- Screen Size: 10-inch



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THINKTOOL Master 2

10-inch Online Programming Diagnostic Tool

THE MOST INTELLIGENT DIAGNOSTIC TOOL,SUPPORT CAN FD PROTOCOL



Online Programming



Heavy Duty Support
(Optional)



OE-Level Diagnosis



Full TPMS Services
(Optional)

THINKTOOL Master 2

THINKTOOL Master 2 is an upgraded version of THINKTOOL Master. Master 2 is equipped with TVCI connector, which supports CAN FD protocol with the latest and more expansion vehicle coverage.



Online Programming

THINKTOOL Master 2 supports online programming functions for Audi, BMW, LANDROVER, Mercedes-Benz, Nissan, Porsche, Seat, Skoda, Subaru, VW and more.

Support 9 Functional Modules



THINKTOOL
Battery Tester
(Optional)



THINKCAR
T-Wand 200
(Optional)



THINKTOOL
Video Scope
(Optional)



THINKTOOL
Scope Box
(Optional)



THINKWORKLIGHT
(Optional)



THINKTOOL
Thermal Imager
(Optional)



THINKPRINTER
(Optional)



Heavy Duty Module

With heavy duty module, THINKTOOL Master 2 is capable of diagnose 24V heavy duty trucks including read version information, read and clear DTCs, data stream, actuation test, special function and more.



THINKCAR PROG2

Make Immobilizer
Matching Easier

41 Maintenance Reset

A/F Reset, Windows Calibration, Tyre Reset, Transport Mode, NOx Sensor Reset, Language Change, Injector, Immo, Bleeding, TPMS Reset, ODO Meter, Sus Reset, Sun Roof, GearBox Learn, Gear Learn, Elec. Throttle Rlm, EGR Adaption, Airbag Reset, Stop/Start Reset, Seats Calibration, SAS Reset, Oil Reset, DPF Reg., Coolant Bleed, Brake Reset, BAT. Match, AFS Reset, AdBlue Reset, AC System Relearn/Initialization, Engine Power Balance Monitoring, Intelligent Cruise Control System, Motor Angle Calibration, High Voltage Battery Diagnostics, Gas Particulate Filter Regeneration, IMMO PROG, Clutch Matching, ECU Reset, FRM Matching, Rainfall Light Sensor, Turbocharging Matching, Gateway Module Data Calibration

ADAS Calibration Service

THINKTOOL Master 2 supports THINKCAR ADAS calibration kit to meet daily calibration needs for repair shops.

Specifications

- ROM/RAM: 64G/4GB
- Camera: 8MP Rear
- Battery : 12600mAh/3.7V
- Screen Size: 10-inch



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THINKTOOL Master

10-inch Online Programming Diagnostic Tool

THE MOST INTELLIGENT DIAGNOSTIC TOOL



Online Programming



Heavy Duty Support
(Optional)



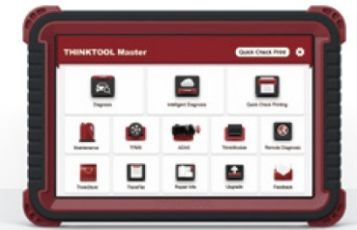
OE-Level Diagnosis



Full TPMS Services
(Optional)

THINKTOOL Master

THINKTOOL Master is a 10-inch professional diagnostic tool based on Android 10 system with online programming, full vehicle scan, 41 maintenance reset and more advanced diagnostic functions.



Online Programming

THINKTOOL Master supports online programming functions for Audi, BMW, LANDROVER, Mercedes-Benz, Nissan, Porsche, Seat, Skoda, Subaru, VW and more.

Support 9 Functional Modules



THINKTOOL
Battery Tester
(Optional)



THINKCAR
T-Wand 200
(Optional)



THINKTOOL
Video Scope
(Optional)



THINKTOOL
Scope Box
(Optional)



THINKWORKLIGHT
(Optional)



THINKTOOL
Thermal Imager
(Optional)



THINKPRINTER
(Optional)



Heavy Duty Module

With heavy duty module, THINKTOOL Master is capable of diagnose 24V heavy duty trucks including read version information, read and clear DTCs, data stream, actuation test, special function and more.



THINKCAR PROG2

Make Immobilizer
Matching Easier

41 Maintenance Reset

A/F Reset, Windows Calibration, Tyre Reset, Transport Mode, NOx Sensor Reset, Language Change, Injector, Immo, Bleeding, TPMS Reset, ODO Meter, Sun Roof, GearBox Learn, Gear Learn, Elec. Throttle Rlm, EGR Adaption, Airbag Reset, Stop/Start Reset, Seats Calibration, SAS Reset, Oil Reset, DPF Reg., Coolant Bleed, Brake Reset, BAT. Match, AFS Reset, AdBlue Reset, AC System Relearn/Initialization, Engine Power Balance Monitoring, Intelligent Cruise Control System, Motor Angle Calibration, High Voltage Battery Diagnostics, Gas Particulate Filter Regeneration, IMMO PROG, Clutch Matching, ECU Reset, FRM Matching, Rainfall Light Sensor, Turbocharging Matching, Gateway Module Data Calibration

ADAS Calibration Service

THINKTOOL Master supports THINKCAR ADAS calibration kit to meet daily calibration needs for repair shops.

Specifications

- ROM/RAM: 64G/4GB
- Camera: 8MP Rear
- Battery : 12600mAh/3.7V
- Screen Size: 10-inch



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THINKTOOL Lite 2

7-Inch Full Function Diagnostic Tool

2024 NEW EDITION WITH THINKDIAG MINI 2 VCI

**NEW
ARRIVAL
2024**

2-Year Free Update
For Passenger Software



Support CAN FD
Protocol



OE-Level Diagnostics



RAM/ROM: 4G/64G



34 Maintenance

THINKTOOL Lite 2



The THINKTOOL Lite 2 is an updated version with more expansive vehicle coverage of the THINKTOOL Lite. The lite 2 supports DoIP, CAN FD and the standard OBDII/ EOBDDI protocols after 1996. It provides the full system full diagnostic features from read and clear DTCs, read live data stream to advanced features such as maintenance reset, special function, coding and more.



34 Maintenance Reset

AF	SCR	AFS	AIRBAG	BLEEDING	BMS	BRAKE
COOLANT	DPF	EGR	ETS	GEAR	GEARBOX	IMMO
INJECTOR	LANGUAGE	NOx	ODO	OIL	SAS	SEATS
STOP/START	SUN	SUS	TPMS	TRANSPORT	TYRE	WINDOWS
GAS PARTICULATE FILTER REGENERATION	ENGINE POWER BALANCE MONITORING	MOTOR ANGLE CALIBRATION	AC SYSTEM RELEARN /INITIALIZATION	HIGH VOLTAGE BATTERY DIAGNOSTIC	INTELLIGENT CRUISE CONTROL SYSTEM	

Comparison of the Lite 2 and T77

Model	 THINKTOOL Lite 2	 THINKTOOL T77
CPU	MT8365,Cortex-A53 Quad-Core	MT8365,Cortex-A53 Quad-Core
RAM	4G	4G
ROM	64G	64G
Camera	NA	NA
Screen Size	7-inch	7-inch
Battery	6000mAh/3.8v	6000mAh/3.8v
VCI	Diag Mini2	1.2M DB15 Diagnostic Cable
Software	2-Year Free Update	2-Year Free Update
Diagnostic Features	<ul style="list-style-type: none"> • Read/Clear DTCs • Special Function 	<ul style="list-style-type: none"> • Read/Save/Compare Data Stream • Advanced Coding • Bi-directional Control
Module Support	<ul style="list-style-type: none"> • Printer • T-wand 200 • Video Scope • Scope Box 	



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THINKTOOL Lite

6-inch portable automotive diagnostic tool

THE MOST ECONOMIC TOOL



6-inch



Unique Design



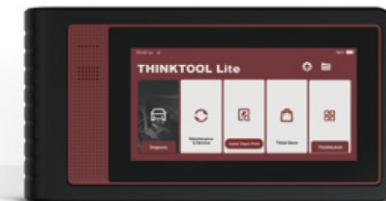
OE-Level Diagnosis



TPMS Service
(Optional)

THINKTOOL Lite

THINKTOOL Lite is a 6-inch OE-level diagnostic tool developed by THINKCAR, which supports full vehicle full system diagnostic including read and clear fault code, live data stream, bi-directional control, actuation test, ECU coding and more for 128+ car makes worldwide.



OE-level Diagnostic

THINKTOOL Lite is an OE-level diagnostic tool developed by THINKCAR, supporting full vehicle full system diagnostic including read and clear fault code, live data stream, bi-directional control, active test, ECU coding and more for 128+ car makes worldwide.



Full system diagnostic



Bi-directional control



Active test



Special function



ECU coding

Support 6 Functional Modules



THINKPRINTER
(Standard)



THINKTOOL Battery
Tester(Optional)



THINKTOOL Video
Scope(Optional)



THINKCAR T-Wand
200(Optional)



THINKTOOL Scope
Box(Optional)



THINKTOOL Thermal
Imager(Optional)



THINKWORKLIGHT
(Optional)

28 Maintenance Reset

- A/F Reset
- Windows Calibration
- Tyre Reset
- Transport Mode
- NOx Sensor Reset
- Language Change
- Injector
- Immo
- Bleeding
- TPMS Reset
- ODO Meter
- Sus Reset
- Sun Roof
- GearBox Learn
- Gear Learn
- Elec. Throttle Rlm
- EGR Adaption
- Stop/Start Reset
- Seats Calibration
- SAS Reset
- Oil Reset
- DPF Reg.
- Coolant Bleed
- Airbag Reset
- Brake Reset
- BAT. Match
- AFS Reset
- AdBlue Reset

Remarks: THINKTOOL Lite offers two years software free update services.

Specifications

- ROM/RAM: 32G/2GB
- Battery : 6200mAh/3.7V
- Camera: 8MP Rear
- Screen Size: 6-inch



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THINKTOOL Reader 7

Full System Diagnostic With Lifetime Free Subscription

5-INCH AUTOMOTIVE DIAGNOSTIC TOOL



Plug and Play



Oe-level Diagnosis



7-System Scan



Lifetime Subscription

THINKTOOL Reader 7

THINKTOOL Reader 7 is a 5-inch Android system diagnostic tool produced by THINKCAR. It offers lifetime subscription for Mechanics, Repair Shops and DIYers.



28 maintenance Reset

Any 7 Reset Lifetime Free

- | | | | |
|---------------------------|--------------------|--------------------|----------------|
| • Oil Reset | • Coolant Reset | • Brake-pad Reset | • ODO Reset |
| • Steering Angle Reset | • Seat Calibration | • Battery Matching | • Tyre Reset |
| • Elec. Throttle Adaption | • ABS Bleeding | • Language Reset | • A/F Reset |
| • Sunroof Initialization | • EGR Adaption | • DPF Regeneration | • A/T Learning |
| • AFS (headlamp) Reset | • Injector Reset | • Transport Reset | • Airbag Reset |
| • Windows Calibration | • Gear Learning | • Immobilize Reset | • SUS Reset |
| • TPMS Reset | • Adblue Reset | • Stop/Start Reset | • NOX Reset |

7 Systems Scan

THINKTOOL Reader 7 supports to read and clear fault code, read live data stream and more, on 7 vehicle systems, ABS, SRS, ECM, TCM, BCM, AC and IC.

- | | |
|--------------------------------|-------------------------------------|
| • ABS - Anti-lock Brake System | • SRS - Safety AirBag System |
| • ECM - Engine Control Module | • TCM - Transmission Control Module |
| • BCM - Body Control Module | • AC - Air Conditioning System |
| • IC - Instrument System | |

Free OBD and EOBD Function

THINKTOOL Reader 7 supports full OBD II and EOBDII functions such as read and clear codes, freeze frame, I/M readiness(smog test), data stream, O2 sensors, EVAP system etc.



Read Codes



EVAP System Test



Freeze Frame



O2 Sensor Test



Live Data Stream



Clear Codes



I/M Readiness

Specifications

- | | |
|----------------|-----------------------|
| • Android 6 | • Screen Size: 5-inch |
| • Storage: 32G | • Cable: 1.2m |



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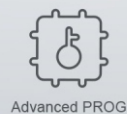
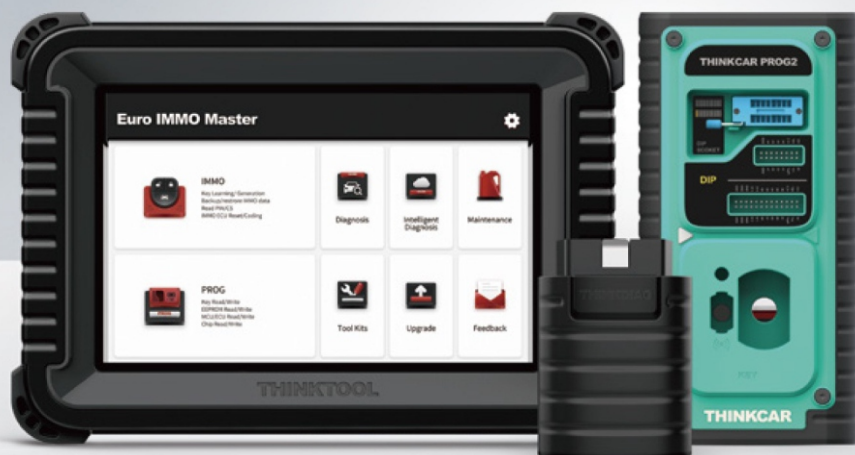
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THINKTOOL Euro IMMO Master

ALL-IN-ONE KEY PROGRAMMER, ONE IS ENOUGH



Advanced PROG



Superior
IMMO Function



OE-Level
Diagnostic



14 Maintenance



8-inch
32G Storage

THINKTOOL Euro IMMO Master

EURO IMMO Master is the most advanced and unique all in one key programming and diagnostic tool that combines advanced key programming, all systems diagnostics, and maintenance services in one Android based 8-inch touchscreen tablet. It is equipped with THINKCAR PROG2 key programmer to provide more advanced IMMO and programming functions.



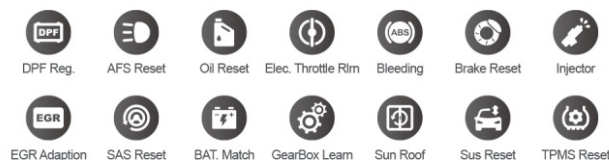
Advanced Programming Function

- EEPROM Read & Write
- MCU Read & Write
- Immobilizer Read & Write
- Engine Read & Write
- Read Anti-theft PINCODE
- Anti-theft Module Match
- Mercedes Infrared Key Read/Write
- Remote Frequency Detection

Superior IMMO Function Than Ever

- Read PIN(Add Key/All Key Lost)
- Restore/Backup IMMO Data
- Key Generation/Key Learning/Remote Learning
- IMMO ECU Reset/Adaption
- Guided and Automated Key Learning Function
- Auto Detect Make/Model/Year/System

Integrated 14 Maintenance Function



OE-Level Diagnostics

- All system Scan
- Special Function
- Bi-directional Control
- ECU Coding

Specifications

- Display: 8-inch HD Screen
- Operating System: Android 10
- CPU: MT6761 2GB LPDDR4+32GB EMMC
- Storage: ROM/RAM 32G/2G
- Software Update: 2-Year Free Update
- TPMS: Optional
- Extra THINKCAR Modules: Supported



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THINKCAR PROG2

Making Immobilizer Match Easier And Smarter

ADVANCED KEY FOB PROGRAMMER AND IMMO TOOL



All-in-One
Key Programmer



Support 1000+ ECU,
MCU, EEPROM



Expanded
EEPROM functions



Replace Anti-theft
Device Parts



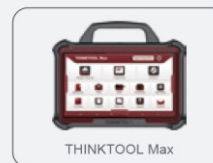
Read and write
Key Chips

THINKCAR PROG2

THINKCAR PROG2 advanced key and chip programmer is mainly used for reading/writing and learning car keys to the vehicle, it supports 1000+ commonly used ECU, MCU and EEPROM. The PROG2 is compatible with thinkcar advanced diagnostic tools, enables programming of infrared keys for Mercedes vehicles, generating special keys, BMW engine INS code reading, BMW CAS4+/FEM chip reading and writing, etc.



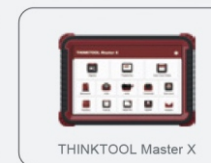
Compatible with THINKTOOL Series



THINKTOOL Max



THINKTOOL X10



THINKTOOL Master X



THINKTOOL Master / Master II

Note: The THINKCAR PROG2 will need to be used with THINKTOOL series.
The PROGS is with free software updates for the life of the tool.

Main Feature

- Advanced All-in-one key chip/ anti-theft chip read and write.
- Backup and restore IMMO data.
- Support 1000+ common ECU/MCU/EEPROM.
- Volkswagen's fourth-generation UDS engine chip read and write.
- Volkswagen/Audi fourth-generation UDS engine replacement (after 2016 year).
- Volkswagen/Audi MQB platform engine/ gearbox, dashboard, steering column replacement.
- Volkswagen/Audi dashboard replace without disassembly and lost data (can be directly read from the harness, no need to remove the chip), except 35XX, NEC24c64 14+.
- Audi fourth-generation EZS, comfort computer VW, and KESSY chips replace.
- Audi fifth-generation gearbox ECU replace.
- BMW E, F, G chassis 8HP gearbox data clear.

Packing List

THINKCAR PROG 2	Power Cord & Adapter	Diagnostic Cable	INS Cable V1	INS Cable V2
BENCH Cable VI	BENCH Connection Cable Type A	BENCH Connection Cable Type B	BENCH Connection Cable Type C	BENCH Connection Cable Type D
BENCH Connection Cable Type E	EEPROM Chip Adapter	EEPROM Converter	MCU Converter V1	MCU Converter V2
MCU Cable V1	Benz Infrared Analog Acquisition Key	User Manual	Packing List	



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THINKCAR TKey 101 Universal Smart Key

Provide 6 Unit Universal Remote Keys
EASY READ AND WRITE KEY INFORMATION



Support 8000+
Car Models



Equipped with
4 Anti-theft Type



Support THINKCAR
PROG



Easy to use

THINKCAR TKey 101 Universal Smart Key

THINKCAR TKey 101 Universal Smart Key is designed to program blank keys for different vehicle brands and models. It's widely used for locksmiths or car mechanics to read and write the program and do anti-theft matching.



Main Function

- Equipped with 4 standard anti-theft keys.
- Supports anti-theft data for more than 8,000 car models
- Equipped with super-module chip to apply for more anti-theft chips
- Various key types are available
- Support car remote control identification and generation

4 Different Key

- TK-wire : Wire Key
- TE-wireless : Super Wireless Key
- TN-wireless : Electronic Wireless Key
- Smart Key Type Remote: NXP-Smartkey, TM38-Smartkey, TM38-TOYOTA, TM38-HYUNDAI

Remarks: Each car model supports different key type, please refers to the instructions to find the corresponding key to flash when runing the key programming procedure in THINKCAR tools.

Packing List



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THINKCAR TBT Battery Tester

FAST CHECK VEHICLE BATTERY HEALTH STATUS



TBT 360



TBT 360 Pro



Report Print
(TBT 360 Pro)



12V/24V Charging
system test



12V/24V Starting
system test



High-voltage
Protection

THINKCAR TBT Battery Tester

THINKCAR TBT Battery tester clip provide two models selection, the TBT 360 and TBT 360 Pro, which can quickly and accurately detect common faults in battery starting system and charging system of 12v/24v vehicles and motorcycles. It's a must- have tool for maintenance mechanics to quickly determine the fault location of vehicles.



Wide Application for 12V/24V Batteries

Suitable for all 12V Lead-Acid Batteries AGM/GEL/SPIRAL/SLI, 12V Lithium Battery.



Motorcycles



Cars



Medium Duty



Trucks



Heavy Duty

Main Advantages

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

Specifications

Screen Size	2.8-inch
Measuring battery range	3AH-360AH
Measuring voltage range	7V-30V
Working temperature	20°C to 50°C
Special Test Clamp	Two-Conductor Kelvin Clamp
Shell material	Acid-resistant ABS plastic



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The background is a solid dark red. It is decorated with several abstract red elements: a solid vertical rectangle in the upper left, a dotted vertical rectangle below it, a solid vertical rectangle in the upper right, a dotted vertical rectangle in the lower left, and a dotted vertical rectangle in the lower right. There are also several small solid red squares scattered throughout.

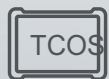
02

New AI Diagnostic

THINKTOOL Expert 391

10.1-INCH Comprehensive Diagnostic

2024 NEW RELEASE INTELLIGENT DIAGNOSTIC TOOL



TCOS System



Video Remote



OE-Level Diagnostic
Function



Heavy Duty Support
(Optional)

THINKTOOL Expert 391

THINKTOOL Expert 391 is an intelligent diagnostic device developed by THINKCAR in 2024. It brings a new appearance and visual experience. It features TCOS system, which has a new UI design concept with a stronger sense of interface hierarchy and higher fluency. The VCI of THINKTOOL Expert 391 is THINKLINK Lite, with diagnostic functions covering mainstream passenger cars, electric vehicles, domestic TC+ models, etc., and supporting mainstream protocols such as DOIP, CAN FD, J2534, and so on.



What's New?

New industrial design



TCOS system



Main Features

- Support main protocols such as CAN 2.0/CAN FD/DoIP/J2534.
- Advanced TCOS system with brand new UI interface for optimized user experience.
- Support remote diagnostic via video or voice.
- Support online programming function for high-end car models, such as Audi, BMW, Land Rover, Mercedes-Benz, Nissan, Seat, Skoda, Subaru, VW, and Porsche
- Full system full function including read and clear fault codes, bi-directional control, special function, advanced coding and programming.
- 2-Year free update for passenger software. Supports optional purchase of HD and EV software.
- Expend 7 function modules, such as video scope, scope box, battery testing, THINKCAR TPMS tool, PROG, TKey 101 and ADAS.
- Integrated 42 different maintenance reset.

Specifications

- Operating System: TCOS System
- ROM/RAM: 128G/4G
- Battery: 12600mAh/ 3.8V
- VCI: THINKLINK LITE
- Screen Size: 10.1-INCH
- Software: 2-Year Free Update for Passenger Software
EV Software (Optional)
HD Software (Optional)



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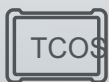


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THINKTOOL Expert 394

12-INCH New AI Technology Diagnostic Tool

2024 NEW RELEASE REAL-TIME VCI DUAL-SCREEN DIAGNOSTICS



TCOS System



AI Diagnosis



Split screen



Brand New
UI Interface



OE-Level
Diagnosis

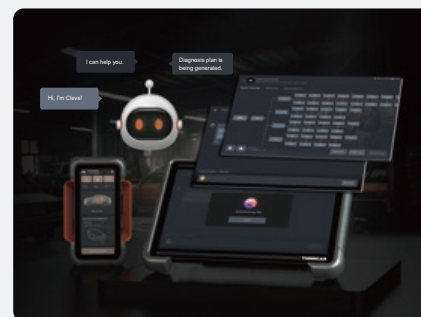
THINKTOOL Expert 394

The THINKTOOL Expert 394 is a brand new 12-INCH AI diagnostic pad developed by THINKCAR in 2024, which features with unique designed, optimized UI interface and powerful TCOS system. The 394 supports split screen to show the data, modules etc, which are capable of diagnosing passenger vehicles, electric vehicles, commercial vehicles, which is an idea choice for mechanics and advanced workshop.



What's New?

AI Diagnostic



VCI Data Real-Time synchronized in the tablet



Main Features

- OE-Level diagnostics, including full system diagnostics, special function, actuation test, bi-directional control, advanced coding etc.
- Newly released AI diagnostics, with optimized user experience, and the tablet can quickly and easily follow instructions.
- Advanced TCOS system with brand new UI interface for optimized user experience.
- Brand-new industrial design, the body is made of titanium alloy, which is light, strong and durable, with a thickness of 11.5mm and passed the 1.2M drop test.
- VCI data can be synchronized to the tablet in real time with split screen.
- 2-Year free update for passenger software and EV software including EV Tesla Software. The HD software need to pay with T-code though local authorized distributors.
- Integrated 42 different maintenance reset.
- Support video remote diagnostics.
- Superior hardware, 12-INCH HD IPS touch screen, 256G storage, 13MP Rear Camera, 5MP Front camera.
- Additional services, which support ADAS calibration services, comprehensive TPMS services, and key programming services.
- Supports battery testing, endoscope, printer, oscilloscope, and other expandable functions.

Specifications

- Operating System: TCOS System
- ROM/RAM: 256G/8G
- Battery: 12600mAh/ 3.8V
- VCI: THINKLINK PRO
- Screen Size: 12-INCH
- Software:
 - 2-Year Free Update for Passenger Software
 - 2-Year Free Update for EV Software (Including Tesla)



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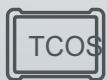


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THINKTOOL Expert 399

14-INCH New AI Technology Diagnostic Tool

2024 NEW RELEASE AI, DUAL VEHICLES DIAGNOSTIC



TCOS System



AI Diagnosis



Dual Vehicle
Diagnostics



Fast Charging



OE-Level
Diagnosis

THINKTOOL Expert 399

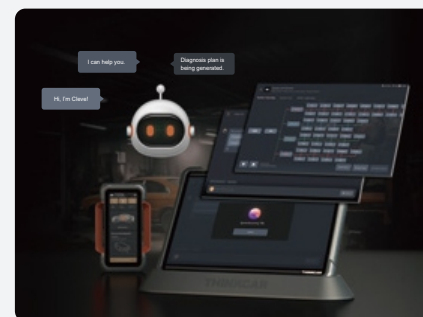
The THINKTOOL Expert 399 is a brand new 14-INCH AI diagnostic pad developed by THINKCAR in 2024, which features with unique designed, optimized UI interface and powerful TCOS system. The 399 supports RTC dual vehicle diagnostics with additional VCI. It supports split screen to show the data, modules etc, which are capable of diagnosing passenger vehicles, electric vehicles, commercial vehicles, which is an idea choice for mechanics and advanced workshop.

Fast
Charging



What's New?

AI Diagnostic



Dual Vehicle Diagnostics



Main Features

- OE-Level diagnostics, including full system diagnostics, special function, actuation test, bi-directional control, advanced coding etc.
- Newly released AI diagnostics, with optimized user experience, and the tablet can quickly and easily follow instructions.
- Advanced TCOS system with brand new UI interface for optimized user experience.
- Brand-new industrial design, the body is made of titanium alloy, which is light, strong and durable, with a thickness of 8.15mm and passed the 1.2M drop test.
- VCI data can be synchronized to the tablet in real time with split screen.
- 2-Year free update for passenger software, HD software and EV software including EV Tesla Software.
- Integrated 42 different maintenance reset.
- Supports additional VCI for dual-car diagnosis.
- Equipped with a fast charging stand, the tablet can be fully charged in 2 hours.
- Support video remote diagnostics.
- Superior hardware, 14-INCH HD IPS touch screen, 256G storage, 20MP Rear Camera, 8MP Front camera.
- Supports battery testing, endoscope, printer, oscilloscope, and other expandable functions.
- Additional services, which support ADAS calibration services, comprehensive TPMS services, and key programming services.

Specifications

- Operating System: TCOS System
- ROM/RAM: 256G/8G
- Battery: 22400mAh/ 3.8V
- VCI: THINKLINK PRO
- Screen Size: 14-INCH
- Software: 2-Year Free Update for Passenger Software
2-Year Free Update for EV Software (Including Tesla)
2-Year Free Update for HD Software



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THINKTOOL Expert 195

9-INCH PROFESSIONAL DIAGNOSTIC PAD WITH THINKLINK LITE VCI!



**NEW
ARRIVAL
2025**



Full System Diagnostic



Support ADAS



Support J2534



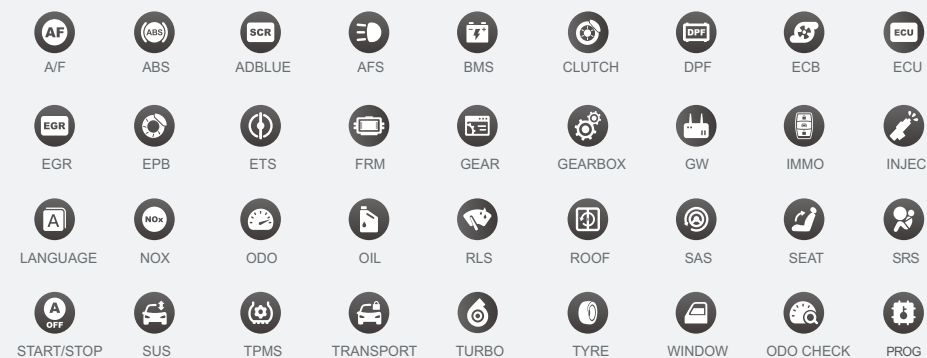
36 Maintenance

THINKTOOL Expert 195

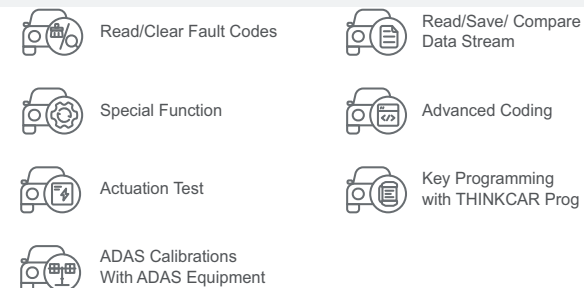
THINKTOOL Expert 195 is a newly developed full system full function diagnostic tool support, DOIP, CAN FD protocols with the latest and more expansive passenger vehicle coverage. The Expert 195 keep the original THINKTOOL back cover design, to support external modules such as printer, battery tester, thermal imager, worklight, TPMS module and more.



36 Maintenance Reset



OE-Level Full System Diagnostic



Specifications

- Operating System: Android 10
- ROM/RAM: 128G/4G
- Software: 2-Year free update for passenger software
- Screen Size: 9-INCH
- Battery: 12600mAh/3.8V
- Camera: 800MP Rear



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03

Professional Diagnostic Tool For Commercial Vehicles



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THINKTOOL Master CV

10-INCH INTELLIGENT DIAGNOSTIC TOOL FOR HEAVY DUTY,
MEDIUM DUTY, TRUCKS



Equipped With 13 Non-standard Connectors



- | | | | |
|---------------------------|-------------------------|----------------------|----------------------|
| 1 Type II OBD-9 Connector | 2 CAT-9 Connector | 3 BENZ-14 Connector | 4 IVECO-38 Connector |
| 5 MAN-37 Connector | 6 OBD-6 Connector | 7 OBD-16 Connector | 8 IVECO-30 Connector |
| 9 MAN-12 Connector | 10 RENAULT-12 Connector | 11 ISUZU-3 Connector | 12 VOLVO-8 Connector |
| 13 ISUZU-20 Connector | | | |

THINKTOOL Master CV

THINKTOOL Master CV is an 10-inch intelligent diagnostic tool for heavy duty, medium duty and commercial vehicles, which is capable of both On-Highway and Off-Highway with Bi-Directional capabilities. Master CV provides complete functions for technicians, such as full vehicle scan, read and clear fault codes, live data stream, actuation tests, special functions, maintenance reset functions and DPF regenerations.



Support 228+ Commercial Vehicle Brand

- | | | | | | |
|---------------------|---------------|---------------------|-------------------|--------------|----------------|
| • ABS | • CITROEN | • FERRARA | • JAC | • NOVA BUS | • STEYR (HD) |
| • AGRICULTURAL (HD) | • CLAVAL | • FIAT | • JCB (HD) | • ORION | • SUNLONG |
| • ALLEGRO | • CLOOINS | • FLEXICOIL (HD) | • JMC | • OSHKOSH | • SUNWIN |
| • AMERICAN LAFRANCE | • COBUS | • FORD | • JOHN DEERE | • PACCAR | • TATA |
| • AMERICAN COACH | • CREDO | • FORESTRIVER | • KALMAR OTTAWA | • PETERBILT | • TEMSA |
| • ANKAI | • CTRUCK | • FOTON | • KAMA | • PEUGEOT | • THOMAS BUILT |
| • ASHOK LEYLAND | • CUMMINS | • FREIGHTLINER | • KENWORTH | • PIERCE | • TOYOTA |
| • ASIASTAR | • DACHAI | • FUSO | • KINGLONG | • PREVOST | • UD |
| • ASTRA | • DAF | • GILLIG | • KNORR (HD) | • QUANCHAI | • VAN HOOL |
| • BATTISTI | • DELPHI | • GM | • KME | • RENAULT | • VOITH |
| • BCI | • DENSO | • GOLDENDRAGON (HD) | • KOBELCO | • RENEGADE | • VOLVO |
| • BEIBEN (HD) | • DETROIT | • GWM | • MACHINERY | • SCANIA | • VW |
| • BENDIX | • DFAC | • HALDEX | • MACK | • SCR | • WABCO |
| • BERKSHIRE | • DFL | • HIGER | • MAHINDRA (HD) | • SETRA | • WEICHAI WP |
| • BHARATBENZ (HD) | • DIESEL | • HINO | • MAN | • SHAC | • WEICHAI |
| • BLUEBIRD (HD) | • DINA | • HINO (SHANGHAI) | • MAXXFORCE | • SHANGCHAI | • WESTERN STAR |
| • BONLUCK | • DOOSAN | • HOLIDAY RAMBLER | • MAZDA | • SHAOLIN | • WINNEBAGO |
| • BOSCH | • E-ONE | • HONGYAN | • MCI | • SIEMENS | • XICHAI |
| • BREMACH | • EATON | • HUANGHAI | • MERCEDES-BENZ | • SINOTRUCK | • YANGCHAI |
| • CAMC | • EICHER (HD) | • HYUNDAI | • MILLAR (HD) | • SILVER BUS | • YUCHAI |
| • CAPACITY (HD) | • ELDORADO | • IC | • MITSUBISHI | • SITCAR | • YUNNEI |
| • CASE (HD) | • ELKHART | • INTERNATIONAL | • NABI | • SPARTAN | • YUTONG |
| • CATERPILLAR | • ENC | • IRIS BUS | • NEOPLAN | • SPRINTER | • ZF (HD) |
| • CHAMPION | • ERF | • ISUZU | • NEW FLYER | • STARCRAFT | • ZHONGTONG |
| • CHAOCHAI | • FAW | • ISUZU | • NEWHOLLAND (HD) | • STARTRANS | • AND MORE... |
| • CHRYSLER | • FLEETWOOD | • IVECO | • NISSAN | • STERLING | |

13 Special Functions

- | | |
|--|--|
| • DPF Regeneration | • Reset Pressure Limiting Valve |
| • Injector Coding | • Bleeding The Adblue Circuit |
| • Reset Service(MIL) | • VGT Electronic Actuator Installation And Calibration |
| • Maintenance Confirmation | • Trip Reset |
| • Injection Quantity Adjustment | • Parked SCR Efficiency Test |
| • Particulate Filter Replacement Reset | • DPF Ash Accumulator Reset |
| • Reset Pressure Differential Sensor | |

Accurate Calibrations

Idle Speed Adjustment, Speed Limit, Cruise Control, Idle-Stop System, PTO, Coolant Level Switch, Exhaust Brake Valve, Intake Air Preheating, Vehicle Speed Controller, Air Conditioner, Oil Pressure Sensor, Electronic Fan, ABS, Automatic Transmission.

Specifications

- | | |
|----------------------------------|------------------------------------|
| • Operating System: Android 10.0 | • Screen: 10-inch |
| • Memory: 4G | • Camera: Rear camera 8MP |
| • Storage: 128G | • Network: Wi-Fi, WLAN 802.11b/g/n |



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THINKTOOL Reader HD

5-inch OE-Level Bi-directional HD Diagnostic Tool

INTELLIGENT DIAGNOSTIC TOOL FOR HEAVY DUTY TRUCKS



Parameter Calibration



31+ Truck Brands



Full System Diagnostic



Special Function

THINKTOOL Reader HD

THINKTOOL Reader HD is an intelligent diagnostic instrument for commercial vehicles, integrating the most commonly used special functions. With extensive vehicle coverage for more than 31+ US, Asian and European commercial vehicle makes and machines, it has complete capabilities for codes, live data, actuation test and parameter calibration.



Support 31+ Truck Brands

- | | | | | |
|-----------|---------------|-----------------|----------|-----------------|
| • Bosch | • Caterpillar | • Cummins | • Doosan | • International |
| • Paccar | • Detroit | • DAF | • UD | • Hyundai |
| • MAN | • IVECO | • MERCEDES-BENZ | • KAMAZ | • MAHINDRA |
| • ISUZU | • Mitsubishi | • JCB | • HINO | • KINGLONG |
| • RENAULT | • SCR | • SCANIA | • MAZ | • SINOTRUK |
| • TATA | • VOLVO | • EICHER | • HOWO | • SPRINTER |
| • WABCO | | | | |

Remarks: All 31+ HD software 1-Year Free update please contact local dealer to update to T2 HD brand if needed.

Special Function

- | | |
|--------------------------------------|--|
| • DPF Regeneration | • VGT Electronic Actuator Installation And Calibration |
| • Reset Service(MIL) | • Parked SCR Efficiency Test |
| • Injection Quantity Adjustment | • Particulate Filter Replacement Reset |
| • Reset Pressure Differential Sensor | • Reset Pressure Limiting Valve |
| • Injector Coding | • DPF Ash Accumulator Reset |
| • Trip Reset | |

Parameter Calibration

- | | | |
|-------------------------|------------------------|----------------------------|
| • Idle Speed Adjustment | • Speed Limit | • Intake Air Preheating |
| • Cruise Control | • Electronic Fan | • Air Conditioner |
| • Exhaust Brake Valve | • Coolant Level Switch | • Vehicle Speed Controller |
| • Oil Pressure Sensor | • PTO | • Idle-Stop System |

HD OBD

THINKTOOL Reader HD supports full OBD HD functions such as read and clear DTCs, live data stream, read version information and more.

Specifications

- | | |
|--------------------------|--------------------------|
| • ROM/RAM: 64G/4GB | • Diagnostic Cable: 1.2M |
| • Battery : 3150mAh/3.7V | • Screen Size: 5-inch |



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THINKCAR Heavy Duty Pack

Support THINKTOOL Master and THINKTOOL Master X

INTELLIGENT DIAGNOSTIC VCI FOR HEAVY DUTY TRUCKS



Supported Tools



150+ Truck Brands



OE-Level Diagnosis



13 Special Function



Bluetooth/USB
Connection

THINKCAR Heavy Duty Pack

THINKCAR Heavy Duty Pack is an intelligent VCI for 12V/24V vehicles, it works with THINKTOOL Master / Master 2 to operate diagnostic on 150+ truck brand worldwide including read version information, read and clear DTCs, live data stream, actuation test, special function and more.



Equipped With 13 Non-standard Connectors



- | | | | |
|---------------------------|-------------------------|----------------------|----------------------|
| 1 Type II OBD-9 Connector | 2 CAT-9 Connector | 3 BENZ-14 Connector | 4 IVECO-38/Connector |
| 5 MAN-37/Connector | 6 OBD-6 Connector | 7 OBD-16Connector | 8 IVECO-30/Connector |
| 9 MAN-12/Connector | 10 RENAULT-12/Connector | 11 ISUZU-3/Connector | 12 VOLVO-8/Connector |
| 13 ISUZU-20/Connector | | | |

13 Special Functions

- DPF Regeneration
- Injector Coding
- Reset Service(MIL)
- Maintenance Confirmation
- Injection Quantity Adjustment
- Particulate Filter Replacement Reset
- Reset Pressure Differential Sensor
- Reset Pressure Limiting Valve
- Bleeding The Adblue Circuit
- VGT Electronic Actuator Installation And Calibration
- Trip Reset
- Parked SCR Efficiency Test
- DPF Ash Accumulator Reset

Support 150+ Truck Brands

Benz, Man, Volvo, Daf, Scania, Iveco, Renault, Freightliner, International, Kenworth, Peterbilt, Sterling, Western Star, Mack, Fuso, Isuzu, UD, etc

Accurate Calibration

Idle Speed Adjustment, Speed Limit, Cruise Control, Idle-Stop System, PTO, Coolant Level Switch, Exhaust Brake Valve, Intake Air Preheating, Vehicle Speed Controller, Air Conditioner, Oil Pressure Sensor, Electronic Fan, ABS, Automatic Transmission

Specifications

- Working Voltage: 9-36V
- Connection: Bluetooth/USB
- Consumption: <3W



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04

TPMS Service Tools



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THINKCAR T-Wand 200

INTEGRATED TPMS ACTIVATION, PROGRAMMING AND
RELEARN FUNCTION



Smaller and
More Accurate!



Programming



Activation



Diagnosis



Relearn

THINKCAR T-Wand 200

THINKCAR T-Wand 200 is an upgraded version of THINKTPMS G1 with more sensitive antenna. Smaller and easy to carry and transport. THINKCAR T-Wand 200 works with THINKTOOL series to provide professional full TPMS (Tire Pressure Monitoring System) service for auto mechanics and DIY, integrated TPMS sensor activation, programming and relearn function.



Support THINKTOOL Series



THINKTOOL MAX



THINKTOOL
MASTER X



THINKTOOL
MASTER 2



THINKTOOL
MASTER



THINKTOOL Lite



THINKDIAG

Activate Sensor

THINKCAR T-Wand 200 can activate TPMS sensor to view sensor data such as sensor ID, tire pressure, tire frequency, tire temperature and battery condition.



Sensor ID



Tire Pressure



Tire Frequency



Tire Temperature



Battery Condition

Program Multi-sensor

THINKCAR T-Wand 200 support program the sensor data to THINKCAR TPMS sensor S1/ S2 and replace faulty sensor. Up to 8 sensors can be programmed at the same time.



Auto Create



Manual Create



Copy ID

Relearn Sensor

Relearn is used to write the newly programmed sensor IDs into the vehicle's ECU for sensor recognition.

Diagnostics Function

Support tire pressure fault diagnostics include read and clear DTCs, live data stream and more



Read Codes



Clear Codes



Live Data Stream

Specifications

- Dimensions: 64 x 198 x 32 mm
- Gross Weight: 0.57kg
- Screen Size: 1.77-inch
- Working Current: 5V
- Battery: 2000mAh
- Working Temperature: 10°C - 50°C



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05

Functional Modules



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THINKCAR T-Wand 200

Innovative & Intelligent Tire Pressure Diagnostic Tool

- Read battery level condition, read sensor ID, pressure...
- Cover more than 95% vehicle models with TPMS
- Program & relearn THINKCAR dual frequency (315MHz & 433MHz)
- Perform tire pressure fault diagnosis, including read DTC, clear DTC and more



THINKTOOL Scope Box

Useful, Professional, with Easy Operation

- 100M bandwidth, 4 channels
- Up to 1GSa/s of sampling rate, with 50Mpts record length
- Perform different vehicle ignition tests, and a variety of sensor and actuation tests
- Support multi-vehicles' BUS decoding
- Large touch screen + knob + button mixed operation for ThinkTool & Think Tool Lite only



For THINKTOOL
Master x, Master, Master 2, Max



For THINKTOOL
& THINKTOOL Lite

THINKCAR PROG2

Making Immobilizer Match Easier and Smarter

- Read and write car key chip data
- Support common EEPROM, MCU reading and writing
- Car key reading and programming
- Gear box programming
- Support THINKTOOL Max, THINKTOOL Master X, Master, Master 2



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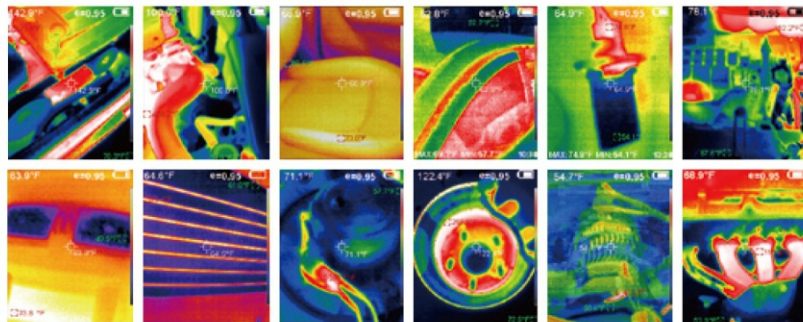


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THINKTOOL Thermal Imager

Identify Faults with Massive Data Comparison

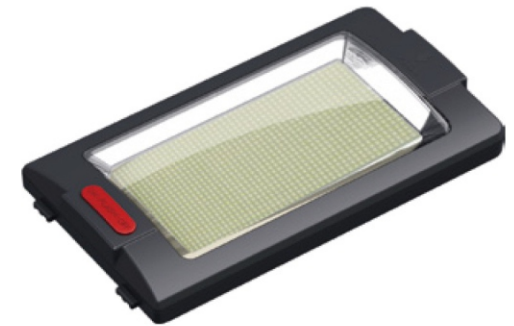
- 320*240 ultra-high pixels, easy to view details
- 32.126°F (0.07°C) thermal sensitivity
- Massive automotive heat maps for fault comparison



THINKWORKLIGHT

Ultra-High Brightness LED Worklight

- 3-level brightness adjustment
- 144 high-brightness LED lights
- COB light source, 25000K white-light, long range illumination
- Long life expectancy, up to 10,000 hours
- Work with Module Dock



THINKTOOL Battery Tester

Innovative Battery Testing, Leave Traditional Way in the Past

- Integrated with ThinkTool HD screen for clearer display
- High-precision data monitoring, with more accurate results
- Support detecting battery voltage, resistance, service life, current and etc.



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THINKTOOL Video Scope

See Deeper & Clearer, with More Details
in Narrow Spaces

- 1280*720 high definition
- 59-inch (150cm) super long hardwired coil
- 6 bright LED auxiliary lights
- Water, oil and corrosion resistant, IP67 rated with alkali resistance



THINKCAR Heavy Duty Pack

Heavy Duty / Medium Duty / Light Duty
Vehicle Communication Interface

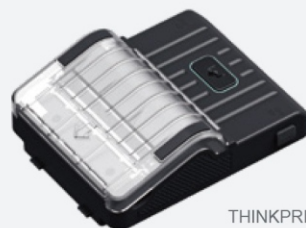
- Works on 12V to 24V systems
- Full comprehensive HD truck diagnostic software
- Read version information, read/clear DTCs
- Read data streams, actuation test, special functions
- Support Bluetooth/USB connection



THINKPRINTER / THINKPRINTER 2

Quick Print Diagnostic Reports Anytime and
Anywhere

- 3.1-inch (80mm) paper width, 1.2-inch/s (30mm/s) fast printing
- Intelligent notification for refilling paper
- Ultra-thick thermal coating, with contents retained for 10 years
- Work with Module Dock as a wireless printer



THINKPRINTER



THINKPRINTER 2

THINKEASY / THINKEASY 2 Battery Test Clip

THINKCAR Bluetooth Battery Tester, Simple but Smart

- A fast and accurate tool for car battery test on your mobile by Bluetooth connection
- Display the health status of the battery, and detect the damaged part
- Check the starting system and charging system of your vehicle
- Low battery inspection
- Support all 12V with starting lead acid batteries
- No heating, no spark, no operation risk



THINKEASY
Battery Test Clip



THINKEASY 2
Battery Test Clip



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THINKTOOL Series Comparison Chart

Model											Model																																																																							
VCI	THINKLINK J2534(O-POU/CAN FD ISO 14230-4(KWP2000) ISO 15765-4(CAN) ISO 9141-2(ISO) ISO 14229(UDS) ISO 11898-2 SAE J1850(VPW&PWM) SAE-J1939 SAE-J2411 SAE-J2819 PLC J2467 Do-IP More...	THINKLINK J2534(O-POU/CAN FD ISO 14230-4(KWP2000) ISO 15765-4(CAN) ISO 9141-2(ISO) ISO 14229(UDS) ISO 11898-2 SAE J1850(VPW&PWM) SAE-J1939 SAE-J2411 SAE-J2819 PLC J2467 Do-IP More...	THINKLINK J2534(O-POU/CAN FD ISO 14230-4(KWP2000) ISO 15765-4(CAN) ISO 9141-2(ISO) ISO 14229(UDS) ISO 11898-2 SAE J1850(VPW&PWM) SAE-J1939 SAE-J2411 SAE-J2819 PLC J2467 Do-IP More...	THINKDIAG-Master ISO 14230-4(KWP2000) ISO 15765-4(CAN) ISO 9141-2(ISO) ISO 14229(UDS) SAE J1850(VPW&PWM) TVCi-Master 2 CAN FD ISO 14230-4(KWP2000) ISO 15765-4(CAN) ISO 9141-2(ISO) ISO 14229(UDS) SAE J1850(VPW&PWM)	THINKDIAG ISO 14230-4 (KWP 2000) ISO 15765-4(CAN) ISO 9141-2 (ISO) ISO 14229 (UDS) SAE J1850 (VPW & PWM)	THINKDIAG ISO 14230-4 (KWP 2000) ISO 15765-4(CAN) ISO 9141-2 (ISO) ISO 14229 (UDS) SAE J1850 (VPW & PWM)	THINKDIAG ISO 14230-4 (KWP 2000) ISO 15765-4(CAN) ISO 9141-2 (ISO) ISO 14229 (UDS) SAE J1850 (VPW & PWM)	DIAG MINI2 DDP CAN FD SAE J1850 VPW SAE J1850 PWM ISO 14230-4 KWP	THINKDIAG Mini ISO 14230-4(KWP2000) ISO 15765-4(CAN) ISO 9141-2(ISO) ISO 14229(uds) SAE J1850(VPW&PWM)	N/A		THINKTOOL Max	THINKTOOL Master X	THINKTOOL Master CV	THINKTOOL Master / Master 2	THINKTOOL IMMO Master	THINKTOOL SE	THINKTOOL Standard	THINKTOOL Lite2	THINKTOOL Lite	Reader 7																																																													
Diagnostic Features																																																																																		
Full OBDII / EOBDII Function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																																																													
Read and Clear DTCs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																																																													
Live Data Stream	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																																																													
Actuation Test	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✗																																																													
Coding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✗																																																													
Online Programming	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✗	✗	✗	✗	✗	✗	✗																																																													
TPMS	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional		Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	✗																																																													
Special Function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✗																																																													
Video Remote	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗		✗	✗	✗	✗	✗	✗	✗	✗	✗	✗																																																													
Maintenance Reset	41 RESET A/F Reset Windows Calibration Tyre Reset NoX Sensor Reset Language Change Injector Immo Bleeding TPMS Reset ODO Meter Sus Reset Sun Roof GearBox Learn Gear Learn Elec. Throttle Rlm EGR Adaption Airbag Reset Stop/Start Reset Seats Calibration SAS Reset Oil Reset DPF Reg. Coolant Bleed Brake Reset BAT. Match AFS Reset AdBlue Reset AC System Relearn Engine Power Balance Monitoring CCS Calibration Motor Angle Calibration High Voltage Battery Gas Particulate Filter Regeneration IMMO PROG Clutch Matching ECU Reset FRM Matching Rainfall Light Sensor FRM Matching Rainfall Light Sensor Turbocharging Matching Gateway Module Data Calibration	41 RESET A/F Reset Windows Calibration Tyre Reset NoX Sensor Reset Language Change Injector Immo Bleeding TPMS Reset ODO Meter Sus Reset Sun Roof GearBox Learn Gear Learn Elec. Throttle Rlm EGR Adaption Airbag Reset Stop/Start Reset Seats Calibration SAS Reset Oil Reset DPF Reg. Coolant Bleed Brake Reset BAT. Match AFS Reset AdBlue Reset AC System Relearn Engine Power Balance Monitoring CCS Calibration Motor Angle Calibration High Voltage Battery Gas Particulate Filter Regeneration IMMO PROG Clutch Matching ECU Reset FRM Matching Rainfall Light Sensor FRM Matching Rainfall Light Sensor Turbocharging Matching Gateway Module Data Calibration	14 SPECIAL FUNCTION DPF Regeneration Injector Coding Reset Service(MIL) Maintenance Confirmation Injection Quantity Adjustment Particulate Filter Replacement Reset Reset Pressure Differential Sensor Reset Pressure Limiting Valve Bleeding The Adblue Circuit VGT Electronic Actuator And Calibration Trip Reset Parked SCR Efficiency Test DPF Ash Accumulator Reset Oil Reset DPF Reg. Coolant Bleed Brake Reset BAT. Match AFS Reset AdBlue Reset AC System Relearn Engine Power Balance Monitoring CCS Calibration Motor Angle Calibration High Voltage Battery Gas Particulate Filter Regeneration IMMO PROG Clutch Matching ECU Reset FRM Matching Rainfall Light Sensor Turbocharging Matching Gateway Module Data Calibration	41 RESET AFS Reset Windows Calibration Tyre Reset NoX Sensor Reset Language Change Injector Immo Bleeding TPMS Reset ODO Meter Sus Reset Sun Roof GearBox Learn Gear Learn Elec. Throttle Rlm EGR Adaption Airbag Reset Stop/Start Reset Seats Calibration ODO	28 RESET AFS Reset Windows Calibration Tyre Reset NoX Sensor Reset Language Change Injector Immo Bleeding DPF ADBLUE TPMS Reset ODO Meter AFS AIRBAG COOLANT EGR GearBox Learn Gear Learn Elec. Throttle Rlm EGR Adaption Airbag Reset Stop/Start Reset Seats Calibration SAS Reset Oil Reset DPF Reg. Coolant Bleed Brake Reset BAT. 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06

Vehicle Lifts

SAL240SC-2 POST N SHAPE LIFT
5.5 TON CLEAR FLOOR 2 POST LIFT

5500 kg

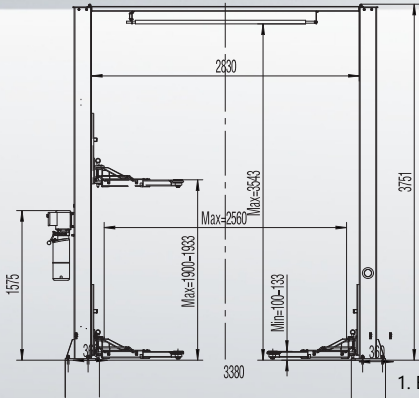


380 V
220 V



2 Post baseless clear floor 380V (Red)
With double hydraulic cylinders and high strength chain drive, the 5500KG load capacity two post lift SAL240SC guarantees a stable and smooth lifting and lowering. Its patented slider bracket design improves the replacing efficiency.
As the first priority, safety has been considered from design to manufacture. SAL240SC is equipped with fully automatic safety unlocking system, 24V low voltage control box and cylinder travel limit switch. It is CE certificated

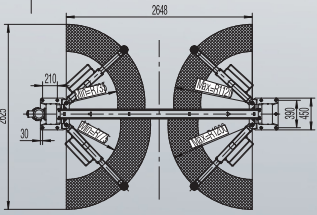
- 1.16MM reinforced STEEL BASE
- 2. Fully automatic unlocking safety device is adopted for operating only with UP/DOWN button.
- 3. The cable and oil pipe are fully concealed; with decent and elegant appearance.
- 4. Double hydraulic cylinder and high strength chain drive makes stable and smooth lifting and lowering.
- 5. 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.
- 6. Cylinder travel limit switch effectively protects cylinder and extends its lifespan.



- ① 24V low voltage control system
- ② Strengthen carriage /Door opening protection rubber
- ③ More reasonable safety lock structure
- ④ 3-stage screw-up pads
- ⑤ Parachute valve
- ⑥ Door protection pad & chain guard

Technical Data	
Lifting capacity	5500kg
Lifting height	1900mm
Min. height	100mm
Lifting time	<50s
Motor power	2.2kw
Mount width	3380mm
Height of post	3724mm
Width between post	2830mm
Lowering time	<40s
Power supply	220v/240v/380v/415v

- 1. Emergency lowering valve can be manually operated to make lift lower safely in case the power is off.
- 2. Anti-explosion valve is deployed to make lift slower or stop lowering from the case of oil pipe explosion ,thus protects operator's safety and vehicle not being damaged.
- 3. 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.
- 4. Door rubber pad protects car door from being damaged in collision.
- 5. More lifting pads with different height meets the requirements for light lorries and SUVs.
- 6. Symmetric and asymmetric installation types are optional.
- 7. Passed 115% dynamic loading test and 150% static loading test.

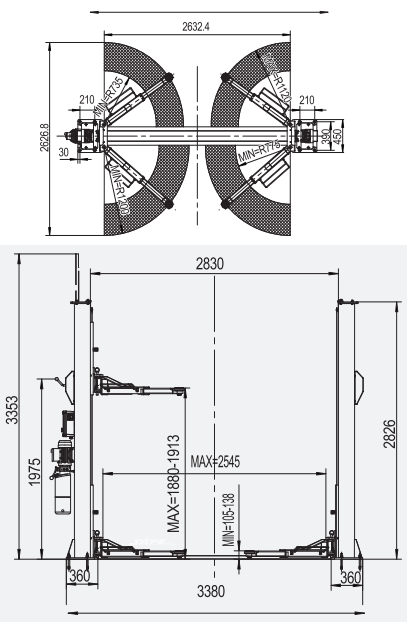


5500 kg



380 V
220 V

SAL240SB-2 POST U SHAPE LIFT



With base two post lift

Launch 2 Post with Base 380V Red
With double hydraulic cylinders and high strength chain drive, the 5500KG load capacity two post lift SAL240SB guarantees a stable and smooth lifting and lowering. Its patented slider bracket design improves the replacing efficiency.

As the Prst priority, safety has been considered from design to manufacture. SAL240SB is equipped with bilateral manual safety unlocking system, 24V low voltage control box and cylinder travel limit switch. It is CE certiPcated.

- Manual lock release
- Dual cylinders located in Master and slave column,
- Dynamic test 115% of the rated capacity.
- Static test: 150% of the rated capacity
- Dual antic skidding safety device from column ladder safety to hydraulic seal protection
- Special hydraulic system designed to avoid overload running
- ABS control box, 24v low voltage control system
- High strength chain drive system
- High quality seals from Italy
- Quality power rack
- CE CertiPed

Technical Data	
Lifting capacity	5500kg
Lifting height	1880mm
Min. height	105mm
Lifting time	<50s
Motor power	2.2kw
Mount width	3380mm
Height of post	2824mm
Width between post	2830mm
Lowering time	<40s
Power supply	220v/380v

SAL465WH-LAUNCH 4 POST
6.5 TON WITH ROLLING JACK

6500 kg

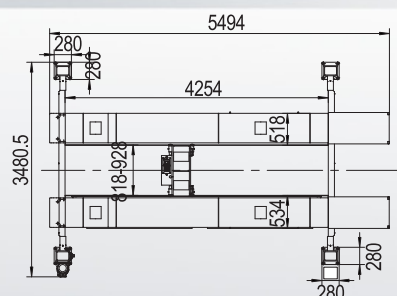
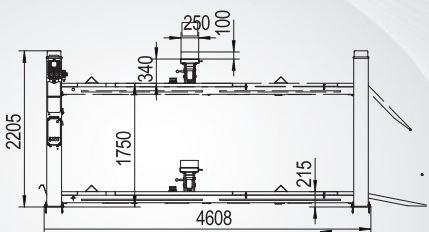
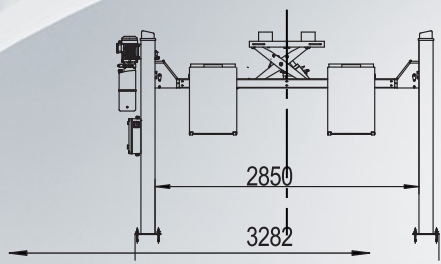
Manual

380 V

220 V



- 1.Single point manual lock release.
- 2.Width between two platforms is adjustable to Pt for different vehicles
- 3.Mechanical safety lock installed in each column.
- 4.Adjustable turnplate position and sliding plate specially for wheel alignment purpose.
- 5.Front and rear stop plate protect the vehicle during repairing
- 6.Centre rolling jack including as standard
- 7.Imported three-way valve perfectly shift the operation between lift and rolling jack



Technical Data	
Model	SAL465WH
Min. heigh	215mm
Lifting capacity	6500kg
Runway length	5000mm
Runway width	918-1118mm
Unilateral runway width	480mm
Max. through width	2850mm
Lifting time	70s
Motor power	2.2kw
Power supply	220/240/380v/415V

- ① Length adjustable rolling jack
- ② Safety Lock Device
- ③ Entering ramp
- ④ Sliding plate for alignment
- ⑤ 24V low voltage control system(optional)
- ⑥ Turn plate(optional)

SAL455W-LAUNCH 4 POST
MAINTENANCE LIFT 5.5 TON

5500 kg

Electric

380 V

220 V



SAL455W – 4 Post
Maintenance Lift
5.5 Ton

- 1.5,500Kg lifting capacity.
- 2.Reliable mechanical self-lock safety locking system.
- 3.Manual safety lock release.
- 4.Max height limit switch to ensure the cylinders work within the stroke.
- 5.Skid proof diamond and low-prople platforms.
- 6.Dual safety device: In case the primary safety locks are out of operation, the lift would also be locked automatically by the second safety device.

- 1.The minimum ground height is 180mm(7 1/16"), which can effectively avoid the phenomenon of low chassis car hanging chassis.
- 2.The upper end of the column is suspended and the lower end is adjustable (adjustable range is 40mm), which can effectively ensure the basic level of the two runways in the locked state and is less affected by ground factors.
- 3.There are double insurance of manual safety and cable breaking safety inside the cross beam, and the reset device adopts pressure spring and guide bar structure, even if the spring is broken due to the reason of guide bar, it can still be effective to ensure the safety of use.
- 4.The main structural parts are welded by robot with good welding consistency, high strength and beautiful welding seam.
- 5.Structural parts are sprayed with imported powder, using imported spraying equipment spraying, high temperature curing, can ensure strong adhesion, bright color and beautiful.

Technical Data	
Model	SAL455W
Min. heigh	215mm
Lifting capacity	1750mm
Runway length	5000mm
Runway width	918-1118mm
Unilateral runway width	480mm
Max. through width	2850mm
Lifting time	70s
Motor power	2.2kw
Power supply	220/240/380v/415V

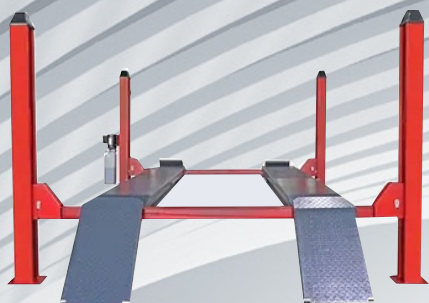
SAL455-LAUNCH 4 POST
MAINTENANCE LIFT 5.5 TON

5500 kg

Manual

380 V

220 V



- 1.5,500Kg lifting capacity.
- 2.Reliable mechanical self-lock safety locking system.
- 3.Manual safety lock release.
- 4.Max height limit switch to ensure the cylinders work within the stroke.
- 5.Skid proof diamond and low-profile platforms.
- 6.Dual safety device: In case the primary safety locks are out of operation, the lift would also be locked automatically by the second safety device.

- 1.The minimum ground height is 180mm(7 1/16"), which can effectively avoid the phenomenon of low chassis car hanging chassis.
- 2.The upper end of the column is suspended and the lower end is adjustable (adjustable range is 40mm), which can effectively ensure the basic level of the two runways in the locked state and is less affected by ground factors.
- 3.There are double insurance of manual safety and cable breaking safety inside the cross beam, and the reset device adopts pressure spring and guide bar structure, even if the spring is broken due to the reason of guide bar, it can still be effective to ensure the safety of use.
- 4.The main structural parts are welded by robot with good welding consistency, high strength and beautiful welding seam.
- 5.Structural parts are sprayed with imported powder, using imported spraying equipment spraying, high temperature curing, can ensure strong adhesion, bright color and beautiful.

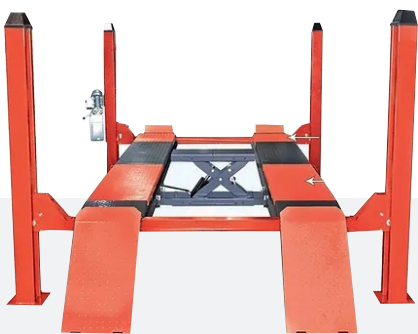
Technical Data	
Model	SAL455
Min. heigh	215mm
Lifting capacity	1750mm
Runway length	5000mm
Runway width	918-1118mm
Unilateral runway width	480mm
Max. through width	2850mm
Lifting time	70s
Motor power	2.2kw
Power supply	220/240/380v/415V

5500 kg

Electric

380 V

220 V



SAL455WH-LAUNCH 4 POST
MAINTENANCE LIFT 5.5 TON
WITH ROLLING JACK

- 1.5,500Kg lifting capacity.
- 2.Reliable mechanical self-lock safety locking system.
- 3.Manual safety lock release.
- 4.Max height limit switch to ensure the cylinders work within the stroke.
- 5.Skid proof diamond and low-proble platforms.
- 6.Dual safety device: In case the primary safety locks are out of operation, the lift would also be locked automatically by the second safety device.
- 7.Rolling jack.

- 1.The minimum ground height is 180mm(7 1/16"), which can effectively avoid the phenomenon of low chassis car hanging chassis.
- 2.The upper end of the column is suspended and the lower end is adjustable (adjustable range is 40mm), which can effectively ensure the basic level of the two runways in the locked state and is less affected by ground factors.
- 3.There are double insurance of manual safety and cable breaking safety inside the cross beam, and the reset device adopts pressure spring and guide bar structure, even if the spring is broken due to the reason of guide bar, it can still be effective to ensure the safety of use.
- 4.The main structural parts are welded by robot with good welding consistency, high strength and beautiful welding seam.
- 5.Structural parts are sprayed with imported powder, using imported spraying equipment spraying, high temperature curing, can ensure strong adhesion, bright color and beautiful.

Technical Data	
Model	SAL455WH
Min. heigh	215mm
Lifting capacity	1750mm
Runway length	5000mm
Runway width	918-1118mm
Unilateral runway width	480mm
Max. through width	2850mm
Lifting time	70s
Motor power	2.2kw
Power supply	220/240/380v/415V

**SAL436-3.6 TON (RED)
4 POST PARKING**

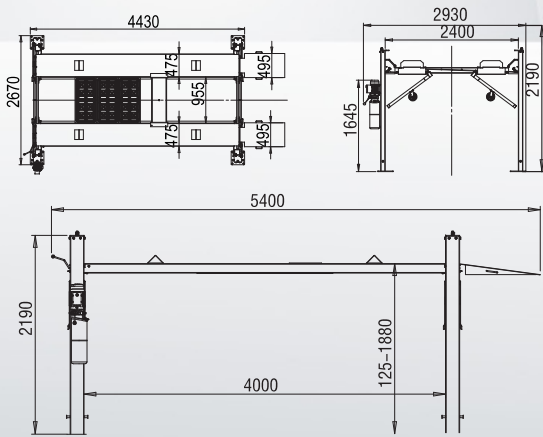
3600 kg Manual ⚡ 380 V ⚡ 220 V



There are double insurance of manual safety and cable breaking safety inside the cross beam, and the reset device adopts pressure spring and guide bar structure, even if the spring is broken due to the reason of guide bar, it can still be effective to ensure the safety of use.

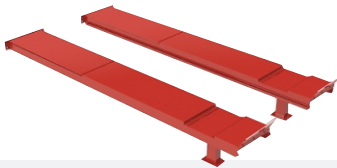
- 1.3,600Kg (8,000LBS.) lifting capacity.
- 2.Single-point safety lock release by manual.
- 3.Mechanical locks automatically engaged into position in ascending process.
- 4.Out of level protection, safe and reliable.
- 5.Self-lubricating pulleys and pre-tensioned wire rope for extended service life.
- 6.Skid proof diamond platform.
- 7.Standard with oil trays (3pcs), jack tray (1pc) and caster kits (4pcs).

Technical Data	
Model	SAL436
Min. heigh	215mm
Lifting capacity	3600kg
Runway length	2330mm
Runway width	918-1118mm
Unilateral runway width	480mm
Max. through width	2850mm
Lifting time	50s
Motor power	2.2kw
Power supply	220/240/380v/415V



3500 kg Electric ⚡ 380 V ⚡ 220 V

PIT RACK-450 X 4300MM



The Pit Rack is a sought after option for those doing wheel alignment and wanting to have available space for under vehicle work and adjustments. A pit is required for this alignment bay option.

Designed for highly efficient four wheel alignment, these racks are set at a comfortable work height to provides plenty of space around and under the vehicle to make service fast and easy.

- 1.The minimum ground height is 180mm(7 1/16"), which can effectively avoid the phenomenon of low chassis car hanging chassis.
- 2.The upper end of the column is suspended and the lower end is adjustable (adjustable range is 40mm), which can effectively ensure the basic level of the two runways in the locked state and is less affected by ground factors.
- 3.There are double insurance of manual safety and cable breaking safety inside the cross beam, and the reset device adopts pressure spring and guide bar structure, even if the spring is broken due to the reason of guide bar, it can still be effective to ensure the safety of use.
- 4.The main structural parts are welded by robot with good welding consistency, high strength and beautiful welding seam.
- 5.Structural parts are sprayed with imported powder, using imported spraying equipment spraying, high temperature curing, can ensure strong adhesion, bright color and beautiful.

Technical Data	
Model	PRA543-A
Max Vehicle Weight	1800
Max Two Wheel alignment	177in
Max Four Wheel alignment	158in
Max General Service	193in
Minimum Four Wheel alignment	88in
Max Raise Height	75in
Runaway width	26in



SINGLE BELLOW LOW-LEVEL LIFT
(NO ARM)

3000 kg

Manual

380 V

220 V

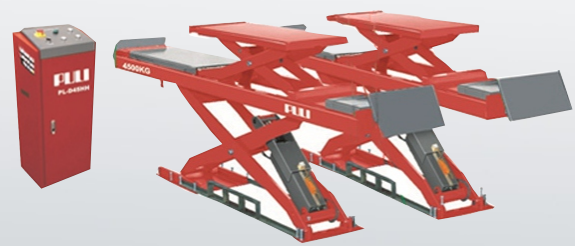


The BL500 lift is sturdy, steady and practical to use vehicle lift. The lifting strength (3000kg) is generated by a no maintenance air spring that allows high capacity lift with limited pressure (maximum capacity achievable with just 8 BAR). The perfectly structured frame allows lifting from all sides of the lift. The control box features a regulator with air filter separator and high quality 5 way valve.

- 1. Built in dump valve prevents the lift from over inflation at maximum height.
- 2. The two-stage configuration of the ramps allows lifting all vehicle from small sports vehicles to large 4×4 and mini vans.
- 3. A high quality no maintenance air spring inflates under regulated pressure with safety features.
- 4. Mechanical safety device prevents the risks of accidental vehicle falling in the event of an air pipeline breakage.
- 5. A relief valve calibrated at 8 BAR limits the pressure inside the air spring to the prescribed value, relieving any

Technical Data	
Model	Single below low level lift
Lifting Capacity	2800kg
Max Lifting height	400mm
Min Height	120mm
Platform Length	1350mm
Platform width	650mm
Approx weight	550kg

DOUBLE-LEVEL PLATFORM SCISSOR LIFT 380V



Technical Data	
Model	PL-D45 Car Scissor Lift
Capacity	4.5 Ton
Lifting height	1850mm(72 4/5")
Min height	330mm(13")eight
Platform length	4500mm(177 1/5")
Power supply	220V 1PH 50/60Hz 2.2KW
Approx weight	550kg

- 1.Single sided extendable
- 2.Pneumatic Lock Release
- 3.Electromagnetic Lowering
- 4.For wheel alignment
- 5.Safety valve for anti-explosion of hydraulic system
- 6.Safety descending stop & alarm
- 7.Precision machined double sided safety teeth design
- 8.Height limit switch(Jack)
- 9.Height limit switch (Main platform)
- 10.Abrasion resistant slip plates for 4 wheel alignment

3000 kg

Electric

380 V

220 V

SMALL PLATFORM SCISSOR
380V



PL-E35L Small Full Rise Scissor Lift is a flush mounted scissor lift with 3000 KG(6,614 lbs) / 3500 KG(7,716 lbs) lifting capacity.330 mm minimum height, 2050 mm lifting height. Pneumatic safety locking system. Anti-surge protection. Durable one-piece platform.

- 1) This is a flush mounted scissor lift with 3000 KG lifting capacity.
- 2) 330 mm minimum height, 2050 mm lifting height.
- 3) Pneumatic safety locking system.
- 4) Anti-surge protection.
- 5) Durable one-piece platform.

Technical Data	
Model	Small platform scissor lift
Weight	890 kg
Dimensions	2300 × 2020 × 120 mm
Hydroelectric station tank capacity	20 l
Platform dimensions	635*120 mm
Motor power	2.2KW
Platform length (adjustable)	1450-2300 mm
Lifting Height	1850 mm

SMALL FULL RISE SCISSOR LIFT



Small Full Rise Scissor Lift is a flush mounted scissor lift with 3000 KG (6,614 lbs) / 3500 KG(7,716 lbs) lifting capacity.330 mm minimum height, 2050 mm lifting height. Pneumatic safety locking system. Anti-surge protection. Durable one-piece platform.

- 1) This is a flush mounted scissor lift with 3000 KG lifting capacity.
- 2) 330 mm minimum height, 2050 mm lifting height.
- 3) Pneumatic safety locking system.
- 4) Anti-surge protection.
- 5) Durable one-piece platform.

Technical Data	
Model	Small platform scissor lift
Weight	890 kg
Dimensions	2300 × 2020 × 120 mm
Hydroelectric station tank capacity	20 l
Platform dimensions	635*120 mm
Motor power	2.2KW
Platform length (adjustable)	1450-2300 mm
Lifting Height	1850 mm





07

Wheel Balancers

ROADBUCK CB150P WHEEL BALANCER



RoadBuck wheel balancer is especially suited for high-volume commercial tire dealers and truck fleets. Unlike most bargain brand balancers on the market are simply standard balancers with larger mounting cones. Car wheel balancer - 100 % indigenous for the past, single cone system for all cars and lcv's up to 127 cm (4. 5 inch). For the first time, cone-fitted hub nut system with lifelong durability.

- 1. Dynamic and static modes balance function.
- 2. Electrical machine automatic stop when finish the measurement.
- 3. Double LED display screen separate show the wheel inside and outside balance numerical.
- 4. Alloy wheel many combination measurement mode.
- 5. Self calibration and diagnose function.
- 6. Length 355mm transmission shaft, suit for different size wheel.
- 7. Thickness 3mm cabinet, Sturdy and durable structure, can reduce electric machine working resonance to promote high measure accuracy.
- 8. Multi-country language conversion.
- 9. Standard cone quickly locked nut

Technical Data	
Model	ROADBUCK CB150
Max Weight of wheel	70kg
Rotate Speed	90/130rpm
Power supply	100/230V 1PH
Frequency	50/60HZ
Rim diameter	10"-24"
Rim width	3"-6"
Max. Wheel diameter	1100mm

ROADBUCK CB650P WHEEL BALANCER



RoadBuck wheel balancer is especially suited for high-volume commercial tire dealers and truck fleets. Unlike most bargain brand balancers on the market are simply standard balancers with larger mounting cones. Car wheel balancer - 100 % indigenous for the past, single cone system for all cars and lcv's up to 127 cm (4. 5 inch). For the first time, cone-fitted hub nut system with lifelong durability.

- 1. Dynamic and static modes balance function.
- 2. Electrical machine automatic stop when finish the measurement.
- 3. Double LED display screen separate show the wheel inside and outside balance numerical.
- 4. Alloy wheel many combination measurement mode.
- 5. Self calibration and diagnose function.
- 6. Length 355mm transmission shaft, suit for different size wheel.
- 7. Thickness 3mm cabinet, Sturdy and durable structure, can reduce electric machine working resonance to promote high measure accuracy.
- 8. Multi-country language conversion.

Technical Data	
Model	ROADBUCK CB650
Max Weight of wheel	70kg
Rotate Speed	90/130rpm
Power supply	100/230V 1PH
Frequency	50/60HZ
Rim diameter	10"-24"
Rim width	3"-6"
Max. Wheel diameter	1100mm

ROADBUCK CB650P WHEEL BALANCER



RoadBuck wheel balancer is especially suited for high-volume commercial tire dealers and truck fleets. Unlike most bargain brand balancers on the market are simply standard balancers with larger mounting cones. Car wheel balancer - 100 % indigenous for the past, single cone system for all cars and lcv's up to 127 cm (4. 5 inch). For the first time, cone-fitted hub nut system with lifelong durability.

- 1. Dynamic and static modes balance function.
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- 6. Length 355mm transmission shaft, suit for different size wheel.
- 7. Thickness 3mm cabinet, Sturdy and durable structure, can reduce electric machine working resonance to promote high measure accuracy.
- 8. Multi-country language conversion.
- 9. Standard cone quickly locked nut

Technical Data	
Model	ROADBUCK CB650P
Max Weight of wheel	70kg
Rotate Speed	90/130rpm
Power supply	100/230V 1PH
Frequency	50/60HZ
Rim diameter	10"-24"
Rim width	3"-6"
Max. Wheel diameter	1100mm



The background is a solid dark red. It features several abstract geometric elements: a solid red rectangle in the upper left, a dotted red rectangle below it, a small solid red square to the right of the dotted rectangle, a vertical dotted red rectangle in the lower center, a small solid red square in the upper right, and a vertical dotted red rectangle in the lower right. The text '08' is in the left, and 'Tyre Changers' is in the right.

08

Tyre Changers

ROADBUCK GT226 24-INCH TYRE CHANGER



Road Buck GT226 24 Inch Tyre Changer
Swing arm tyre changer
Applicable to a small and medium car, tubeless tyres are available.
Foot pneumatic valve piston rod assembly is made of pure steel, so the surface is more smooth and corrosion resistance, longer life.
Drawer control assembly, simple structure, fast and easy maintenance.
180mm diameter steel plated carved two-way intake tyre shoulder separation cylinder, wear-resisting, Rust and corrosion resistant, long service life.
Using 3mm thickness steel plate combined cabinet, structure, weld concealment, beautiful appearance.

- 1. Foot pneumatic valve piston rod assembly is made of pure steel, so the surface is more sooth and corrosion resistance, longer life. Drawer control assembly, simple structure fast and easy maintenance.
 - 2. 180 mm diameter steel plated carved two-way intake tire shoulder separation cylinder, wear-resisting, rust and corrosion resistant, long service life.
 - 3. Using steel plate combined cabinet, Prm structure, weld concealment, beautiful appearance.
- Help 1 pneumatic right arm divide Auxiliary pressure tire right arm design, suitable for a variety of sizes of tyres, a single point tyre pressure, which can help operators more easily Pnish tire dismantling homework.
- 4. Best quality all-aluminum copper motor with advantages of faster heat dissipation, low loss, high power.
 - 5. Using 3mm thickness steel plate combined cabinet, Prm structure, weld concealment, beautiful appearance.
 - 6. The trapezoid column base and housing overall box welding design, fully ensure the high intensity operation under the bearing structure, the overall stability and reliability.
 - 7. Help 5 auxiliary pneumatic lever arm means double and single crank pressure tire design, tire Ptting job multi-assisted pressure tires. The lower plate, in the demolition process can be assisted tire tyre lifts. One lifting slide design, with Pne-tuning to ensure smooth lifting and stability, more effpcient and easier to use.
 - 8. The trapezoid column base and housing overall box welding design, fully ensure the high intensity operation under the bearing structure, the overall stability and reliability.
 - 9. Backward curved arms designed, so the top hub expand more room for operation and avoid accidental injury when clamping hub.

Technical Data	
Model	ROADBUCK GT226
Max. wheel diameter	1120mm(40")
Max. wheel width	356mm(16")
Frequency	50/60 Hz
Working pressure	8-12bar
Bead breaker power per cylinder	2800kg
Rotate speed	6-12rpm
Power supply	220V 1PH/380V 3PH

ROADBUCK GT526PRO WITH HELPING ARMS



Road Buck GT526 With Helping Arms
Car tyre changer is a machine used to help tire technicians dismount and mount tires with automobile wheels. After the wheel and tire assembly is removed from the automobile, car tire changer has all the components necessary to remove and replace the tire from the wheel.
Different car tire changers allow technicians to replace tires on automobiles, motorcycles, and heavy-duty trucks. RoadBuck car tyre removal machines applied advanced tire and wheel technology, making it possible to change tyre quickly.
Our car tyre changers are available with multiple payment options and easy delivery.

- 1. Thickness is 15 mm wheel chuck parts, with the function of claw size Pne adjustment, the claw can precise (Pne) control at any position, convenient for clamp the wheel, to avoid accidental injury
- 2.Using 3mm thickness steel plate combined cabinet, Prm structure, Weld concealment, beautiful appearance.
- 3. 180mm all-aluminium double-inlet tread separation cylinder, fully sealed design, low pressure supported, longer service life.
- 4. Applicable to a small and medium car, tubeless tyres are available.
- 5. Foot pneumatic valve piston rod assembly is made of pure steel, so the surface is more smooth and corrosion resistance, longer life. Drawer control assembly, simple structure, fast and easy maintenance.
- 6. 180mm diameter steel plated carved two-way intake tyre shoulder separation cylinder, wear-resisting, Rust and corrosion resistant, long service life.
- 7. Using 3 mm thickness steel plate combined cabinet, structure, weld concealment, beautiful appearance

Technical Data	
Model	ROADBUCK G526PRO
Max. wheel diameter	1120mm(40")
Max. wheel width	356mm(16")
Frequency	50/60 Hz
Working pressure	8-12bar
Bead breaker power per cylinder	2800kg
Rotate speed	6-12rpm
Power supply	220V 1PH/380V 3PH



ROADBUCK Gt526 NO HELLPING ARMS



Car tyre changer is a machine used to help tire technicians dismount and mount tires with automobile wheels. After the wheel and tire assembly is removed from the automobile, car tire changer has all the components necessary to remove and replace the tire from the wheel.

Different car tire changers allow technicians to replace tires on automobiles, motorcycles, and heavy-duty trucks. RoadBuck car tyre removal machines applied advanced tire and wheel technology, making it possible to change tyre quickly.

Our car tyre changers are available with multiple payment options and easy delivery.

1. Thickness is 15 mm wheel chuck parts, with the function of claw size pne adjustment, the claw can precise (fine) control at any position, convenient for clamp the wheel, to avoid accidental injury
2. Using 3mm thickness steel plate combined cabinet, firm structure, Weld concealment, beautiful appearance.
3. 180mm all-aluminium double-inlet tread separation cylinder, fully sealed design, low pressure supported, longer service life.
4. Applicable to a small and medium car, tubeless tyres are available.
5. Foot pneumatic valve piston rod assembly is made of pure steel, so the surface is more smooth and corrosion resistance, longer life. Drawer control assembly, simple structure, fast and easy maintenance.
6. 180mm diameter steel plated carved two-way intake tyre shoulder separation cylinder, wear-resisting, Rust and corrosion resistant, long service life.
7. Using 3 mm thickness steel plate combined cabinet, structure, weld concealment, beautiful appearance

Technical Data	
Model	ROADBUCK CB650
Max. wheel diameter	1120mm(40")
Max. wheel width	356mm(16")
Frequency	50/60 Hz
Working pressure	8-12bar
Bead breaker power per cylinder	2800kg
Rotate speed	6-12rpm
Power supply	220V 1PH/380V 3PH

TRUCK TYRE CHANGER (LT-690)



Suitable for various tires of large vehicles, applicable to tires with ring and layering, the meridian vacuum tire, agriculture tires, engineering machine, etc. It saves human resources, work time, and energy. With high efficiency, no need to strike the tires with big hammers, no damage to wheel and rim. An ideal choice for tire repairing & maintenance. Mount/Demount arm allows ease of use. The modern wireless remote-control makes the operation much more convenient.

1. Daily maintenance jobs

Before starting to work with the tyre changer, the user should check some basic parts. Here's a short checklist:

2. Check for loose screws

Make sure to check if all the screws are tight. Also, make sure that the screws in the jaw guiding rails are in place.

3. Check if the moving parts are working well

Make sure they work smoothly. There should not be any obstructions.

4. Check if air hoses have any leaks

There shouldn't be any. And if there are leaks, the hoses need to be replaced as soon as possible.

5. Check if the electric wires have any damage or wear

In case of any damage on electric wires, it is prohibited to use the machine until the problem is fixed.

It might be a good idea to spend some time cleaning dirt off the tyre changer. This pertains to the turntable, jaws, as well as the guiding rails. It wouldn't hurt to oil them.

Technical Data	
Model	TRUCK TYRE CHANGER
Power Output	2.2 KW (3 HP)
Voltage Input	230 V @ 50 HZ
Max Wheel Weight	1 600 KG
Rim External Clamping	355-1422 mm
Max. Wheel Diameter	2 300 MM
Max Wheel Width	1 065 MM
Bead Loosening Force	2 500 KG
Clamping Force	4 000 KG
Sound Level	<70 DB(A)



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09

Wheel Alignment

ROADBUCK M204-WHEEL ALIGNMENT



Wheel alignment, also known as tire alignment, is a way to adjust vehicle suspension. It can ensure all wheels are correctly oriented relative to each other and the road. In practice, wheel alignment ensures that each wheel is pointing in the same direction and that each tire maintains optimal contact with the road.

1. 2HD digital video cameras, camera beam.
2. A genuine version of Autodata database in software, at the same time, it's equipped with region database such as Japan, Korea, America, Brazil, Saudi Arabia, Australia, Mexico, South Africa, Indonesia and Taiwan.
3. The phone/tablet(android) can control the software.
4. Two wheel Alignment program by Pxing only front two target plates.
5. Multiple print modes.
6. Free of fixed steering wheel adjustment.
7. Zoom in option for live parameters.
8. The database updated automatically remotely.
9. Simple diagram are available to help the operator to adjust the wheel.

Technical Data

ROADBUCK M204				
Items	Front wheel measurement precision	Front wheel measurement range	Rear wheel measurement precision	Rear wheel measurement range
Toe	±0.02	±20°	±0.02	±20°
Camber	±0.02	±15°	±0.02	±15°
S.A.I	±0.02	±26°	x	x
Caster	±0.02	±26°	x	x
Thrust Angle	x	x	±0.02	±5°

3D WHEEL ALIGNMENT ROADBUCK M208F



Wheel alignment, also known as tire alignment, is a way to adjust vehicle suspension. It can ensure all wheels are correctly oriented relative to each other and the road. In practice, wheel alignment ensures that each wheel is pointing in the same direction and that each tire maintains optimal contact with the road.

1. Space saving car wheel alignment machine
2. 3d wheel aligner
3. Works using our affordable 2 post U and N shape lifts and Scissor lift.
4. Our new solution to Wheel and Tyre and startups

Technical Data

ROADBUCK M208F				
Items	Front wheel measurement precision	Front wheel measurement range	Rear wheel measurement precision	Rear wheel measurement range
Toe	±0.02	±20°	±0.02	±20°
Camber	±0.02	±15°	±0.02	±15°
S.A.I	±0.02	±26°	x	x
Caster	±0.02	±26°	x	x
Thrust Angle	x	x	±0.02	±5°



The background is a solid black field. Scattered across it are several geometric elements: a large white number '10' on the left; a solid red rectangle in the upper left; a red rectangle with a white dot grid pattern below it; a thin vertical red line in the upper center; a small solid red square to the right of the grid rectangle; a red rectangle with a white dot grid pattern in the lower center; a small solid red square in the upper right; and a red rectangle with a white dot grid pattern in the lower right, with a solid red rectangle positioned directly below it.

10

Wheel Repair

AUTOMATED WHEEL REPAIR LATHE-DIAMOND CUTTING



Introducing the Wheel Diamond Cutting Machine: Precision Craftsmanship Unleashed
Revolutionize your wheel customization business with the Wheel Diamond Cutting Machine, a true marvel of precision engineering and innovation. This state-of-the-art machine is designed to elevate your wheel customization game, enabling you to transform ordinary wheels into automotive masterpieces that demand attention and admiration.

Key Features:

- Unrivaled Precision:** The Wheel Diamond Cutting Machine is the epitome of precision. Equipped with advanced diamond cutting technology, it delivers flawless, high-definition patterns, intricate designs, and impeccable finishes that set your customized wheels apart from the rest.
- Versatile Compatibility:** Whether you work with alloy, steel, or custom-made wheels, this machine accommodates a wide range of wheel materials and sizes. From compact cars to heavy-duty trucks, it handles them all with finesse.
- Intuitive User Interface:** Our user-friendly interface simplifies the customization process. Even those new to the craft can achieve professional-grade results effortlessly. Adjust settings, preview designs, and monitor progress on the intuitive touchscreen.
- Efficiency Redefined:** The Wheel Diamond Cutting Machine is optimized for efficiency. With its high-speed cutting capabilities, you can deliver custom wheels faster without compromising on quality. Maximize productivity and meet customer demands with ease.
- Built to Last:** Crafted from premium materials and engineered for durability, this machine is built to withstand the demands of your business. It requires minimal maintenance, ensuring you can focus on delivering exceptional results.
- Safety First:** Safety is a top priority. The Wheel Diamond Cutting Machine incorporates comprehensive safety features to protect both operators and the machine itself. Work with peace of mind, knowing that safety is paramount.
- Infinite Design Possibilities:** Unleash your creativity and expand your design repertoire. Craft intricate patterns, unique textures, or personalized logos to cater to a diverse clientele and leave a lasting impression.
- Energy-Efficient:** Designed with energy conservation in mind, this machine operates efficiently, minimizing power consumption while consistently delivering top-tier results.

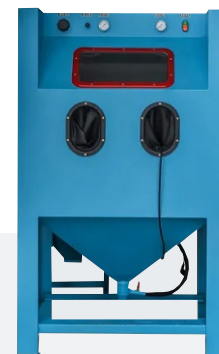
Technical Data

Model	Diamond Cutting Machine
Maximum turning diameter	640mm
Maximum wheel repair size	22inch
Wheel holder	control bolt
Spindle speed	0-3000
Cutting speed	0.1-2500 mm/min
X-axis movement speed	10000 mm/min
X-axis travel	330mm

Elevate your wheel customization business to new heights with the Wheel Diamond Cutting Machine. This cutting-edge equipment empowers you to unlock limitless design possibilities and exceed customer expectations. Invest in precision, efficiency, and quality – invest in the Wheel Diamond Cutting Machine and redefine what's achievable in wheel customization. Elevate your brand, one wheel at a time.

SANDBLASTING MACHINE

Sandblasting Machine



Introducing the Wheel Sandblasting Machine: Unleash the Shine
Elevate your wheel refurbishment and customization business to new heights with the Wheel Sandblasting Machine, a cutting-edge solution designed to rejuvenate wheels with precision and efficiency. This machine is your gateway to restoring the luster of wheels, removing imperfections, and preparing them for a pristine finish that dazzles on the road.

Key Features:

- Precise Surface Preparation:** The Wheel Sandblasting Machine employs high-pressure sandblasting technology to remove rust, paint, and other imperfections from wheel surfaces with surgical precision. Achieve a pristine canvas for your customization.
- Versatile Compatibility:** This machine caters to a wide range of wheel sizes and materials, making it suitable for various vehicles, from compact cars to heavy-duty trucks. Sandblast alloy, steel, or custom-made wheels with ease.
- User-Friendly Interface:** The intuitive control panel simplifies the sandblasting process, allowing both seasoned professionals and newcomers to achieve consistent, high-quality results. Set and monitor parameters effortlessly.
- Dust Control System:** With a built-in dust control system, this machine keeps your workspace clean and safe. It captures and filters dust and abrasive particles, ensuring a healthy working environment and preventing contamination of your workspace.
- Efficient Workflow:** Maximize your productivity with this efficient machine. It streamlines the sandblasting process, reducing refurbishment times and minimizing downtime, so you can serve more customers effectively.
- Safety at Its Core:** Safety is paramount. The Wheel Sandblasting Machine incorporates safety features, including protective gear and emergency stop controls, to safeguard both operators and the equipment.
- Durability and Reliability:** Crafted from high-quality materials and engineered for longevity, this machine is built to withstand the demands of a busy wheel refurbishment workshop. It requires minimal maintenance, ensuring it stays operational and dependable.
- Energy-Efficient Operation:** Designed with energy conservation in mind, the Wheel Sandblasting Machine operates efficiently, reducing power consumption and operating costs without compromising performance.

Technical Data

Model	Sandblasting Machine
Working pressure	0.3-0.7 Mpa
Air consumption	2-3m³/min
Gun	1piece
Air source takeover pipe diameter	Φ16mm
Voltage	220V/50HZ
Working cabin dimensions	900*600*630
Dimensions	1100*900*1600mm

Restore the brilliance of wheels and enhance your wheel customization business with the Wheel Sandblasting Machine. It's not just a tool; it's a commitment to precision, safety, and efficiency. Prepare wheels for customization with unparalleled precision, and provide your customers with a clean slate for their personalized designs. Invest in the Wheel Sandblasting Machine today and redefine what's possible in wheel refurbishment and customization. Blast away imperfections and roll with confidence, knowing that the road ahead will shine brighter.



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WHEEL OVEN



Introducing the Stainless Steel Wheel Oven: Where Precision Meets Durability
Upgrade your wheel customization process with the Stainless Steel Wheel Oven, a game-changer that combines cutting-edge technology with rugged durability. This oven is meticulously engineered to provide the perfect environment for curing and finishing stainless steel wheels, ensuring they emerge with a flawless, long-lasting shine that sets them apart from the rest.

Key Features:

- 1.Stainless Steel Excellence:** Crafted from high-quality stainless steel, this oven is built to last. Its corrosion-resistant properties make it ideal for the rigorous demands of the wheel customization industry, ensuring years of reliable service.
- 2.Even Heat Distribution:** The Stainless Steel Wheel Oven features advanced heating elements and a precision control system that guarantees consistent and even heat distribution throughout the curing process. Say goodbye to uneven finishes and hello to wheel perfection.
- 3.Generous Capacity:** With its spacious interior, this oven accommodates multiple wheels of various sizes, allowing for efficient batch processing and reducing downtime. No need to compromise on quantity for quality.
- 4.Temperature Precision:** The oven's digital temperature control system offers precise adjustments, ensuring that your wheels are cured at the optimal temperature for the best results. Achieve the perfect finish every time.
- 5.User-Friendly Interface:** Operating the oven is a breeze thanks to the intuitive control panel. Set and monitor temperature, time, and other parameters with ease, even for those new to the wheel customization process.
- 6.Energy-Efficient:** Designed with energy efficiency in mind, this oven minimizes power consumption while maintaining its exceptional performance. It helps reduce operating costs without sacrificing quality.
- 7.Safety Assurance:** Safety is paramount. The Stainless Steel Wheel Oven incorporates multiple safety features, including overheat protection and robust insulation, to ensure a secure operating environment for both operators and the oven itself.
- 8.Versatile Applications:** This oven isn't limited to just stainless steel wheels. It's suitable for curing and finishing a variety of materials, making it a versatile addition to your customization workshop.

Technical Data

Model	Wheel Oven Machine
Voltage	380v
Frequency	50HZ
Power	9kw
Temperature control range	10-250
Temperature fluctuations	±1
Timing range	1-9999min
Load grid plate	4block

Elevate your wheel customization game to the next level with the Stainless Steel Wheel Oven. It's not just an oven; it's a commitment to precision, durability, and efficiency. Transform ordinary wheels into extraordinary pieces of automotive art that turn heads and garner attention. Invest in the Stainless Steel Wheel Oven today and ensure your wheels shine brighter and last longer, making a lasting impression on every road. Your wheels, your reputation, your legacy.

AUTOMATIC WHEEL STRAIGHTENING MACHINE



Introducing the Wheel Straightening Machine: Uncompromising Precision and Safety
Elevate your wheel repair and customization business to new heights with the Wheel Straightening Machine, a cutting-edge solution that combines precision engineering with robust safety features. This machine is your key to restoring damaged wheels to their original glory while ensuring the utmost safety for both the operator and the wheels themselves.

Key Features:

- 1.Precision Performance:** The Wheel Straightening Machine is designed to bring bent, damaged, or misshapen wheels back to perfect alignment. Its advanced hydraulic system and precision controls guarantee exceptional results, leaving no room for compromise.
 - 2.Versatile Compatibility:** This machine caters to a wide range of wheel sizes and materials, making it suitable for various vehicles, from compact cars to heavy-duty trucks. Repair alloy, steel, or custom-made wheels with ease.
 - 3. User-Friendly Interface:** The intuitive control panel simplifies the straightening process, allowing even novice operators to achieve professional-grade results. Set and monitor parameters with ease, ensuring consistent and precise repairs.
 - 4.Safety at the Forefront:** Safety is our priority. The Wheel Straightening Machine incorporates robust safety features, including emergency stop controls, safety guards, and a secure clamping system, to protect both operators and wheels during the straightening process.
 - 5.Efficient Workflow:** Maximize your productivity with this efficient machine. It streamlines the wheel straightening process, reducing repair times and minimizing downtime, so you can serve more customers effectively.
 - 6.Durable Construction:** Crafted from high-quality materials and built for longevity, this machine is engineered to withstand the demands of a busy wheel repair workshop. It requires minimal maintenance, ensuring it stays operational and reliable.
 - 7.Energy-Efficient Operation:** Designed with energy conservation in mind, the Wheel Straightening Machine operates efficiently, reducing power consumption and operating costs without compromising on performance.
 - 8.Quality Assurance:** With this machine, you can assure your customers of top-tier repairs that restore wheels to factory specifications. Build trust and reputation in your business with consistent, high-quality results.
- Take your wheel repair business to the next level with the Wheel Straightening Machine. It's not just a tool; it's a commitment to precision, safety, and efficiency. Restore damaged wheels to their former glory and provide your customers with peace of mind, knowing their wheels are in expert hands. Invest in the Wheel Straightening Machine today and redefine what's possible in wheel repair and customization. Repair, refine, and roll with confidence.

Technical Data

Model	Wheel Straightening Machine
Wheel repair range	12-28 inch
Machine Size(L*W*H)	1200x720x1680cm
Net weight	390 KG
Voltage	220V
Max pressure	30 Mpa
Language of machine	English or your choice

- 1.10" to 28" Hydraulic Rim Straightening Machine
- 2.CE certified.
- 3.All parts have a one-year warranty.
- 4.Reliable Hydraulic system.
- 5.Spare Parts support with no charge.
- 6.If requested OEM production is also possible.
- 7.Free training.
- 8.10 Tons hydraulic Pump Power .
- 9.With lathe function.



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The background is a solid black field. Scattered across it are several red geometric elements: a large solid rectangle in the upper left, a tall thin solid rectangle in the upper center, a small solid rectangle in the upper right, a small solid rectangle in the middle left, a large dotted rectangle in the lower left, and a tall dotted rectangle in the lower right. The text '11' is positioned on the left side, and 'Air Compressor' is on the right side.

11

Air Compressor

ROADBUCK 200L AIR COMPRESSOR



Features an aluminium air pump with a powerful 3 horsepower silent running copper electrical motor. Ideal for a wide range of applications in any workshop. Drain your compressor tank daily after use to avoid build-up and contamination. Do not run your compressor on electrical extension cords as this will cause a voltage drop which will inevitably cause damage to your machine.

Technical Data	
Model 200L Air Compressor	
Tank Capacity	200 L
Cylinder (mm*n)	65*3
Power:	3kw / 4HP
Max pressure (bar)	8bar
Engine Speed (r/m in)	950R.P.M
Tank (L)	200L
Displacement	360L/m in

ROADBUCK 100L AIR COMPRESSOR

Technical Data	
Model 100L Air Compressor	
Tank Capacity	100 L
Cylinder (mm*n)	65*2
Power:	2.2kw / 3HP
Max pressure (bar)	10bar
Engine Speed (r/m in)	2800R.P.M
Tank (L)	100L
Displacement	250L/m in



Features an aluminium air pump with a powerful 3 horsepower silent running copper electrical motor. Ideal for a wide range of applications in any workshop. Drain your compressor tank daily after use to avoid build-up and contamination. Do not run your compressor on electrical extension cords as this will cause a voltage drop which will inevitably cause damage to your machine.

ROADBUCK 50L AIR COMPRESSOR



Technical Data	
Model 50L Air Compressor	
Tank Capacity	100 L
Cylinder (mm*n)	51*2
Power:	1.5kw / 2HP
Max pressure (bar)	8bar
Engine Speed (r/m in)	1050R.P.M
Tank (L)	50L
Displacement	120L/m in

No oil changes required meaning minimal maintenance requirements. No oil means no contaminates which makes these compressors ideal for an array of applications such as light touch-up spray painting, air-brush, dentistry industry, and clinical industry. Lighter in weight compared to the conventional models If a quiet working environment is important to you, we strongly recommend the oil-less silent type compressor.



12

Aircon Regassing & Injector Cleaner

THINKCAR KT-IMT602



THINKCAR KT-IMT602 is a mechatronics device that combines ultrasonic cleaning technology and microcomputer oil pressure closed loop control cleaning and detection technology. This product simulates various operating conditions of the engine, cleans and inspects the fuel injectors of various automobiles and motorcycles.

Key Features:

1.ULTRASONIC CLEANING

The build-in ultrasonic cleaning mechanism and LED display featuring, ensure a thorough cleaning & makes data straightforward.

2.FUEL INJECTOR TEST

THINKCAR KT-IMT602 simulates different working conditions of the engine, and tests injectors of various cars such as idle speed test, medium speed test, high speed test, accelerating test etc.. to detect the status of the fuel injectors.

3.UNIFORMITY DETECTION

THINKCAR TK-IMT602 can detect the uniformity of the injection volume of each injector and to monitor the spraying status of each injector with the help of backlight.

Technical Data

Model	THINKCAR KT-IMT602
Main unit power supply	AC220V+10% 50HZ/60Hz Or AC110V+10% 60HZ
Input power	230W
Ultrasonic cleaner power	100W
Simulated RPM range	100~9900rpm, step: 10rpm
Time range	5~300s, step:5s
Pulse width	0.1~25ms,step: 0.1ms
Fuel tank capacity	2000 ml
Work pressure	0-9bar

SMART SAFE INJECTOR CLEANER-CNC-605A



Launch CNC-605 Injector Cleaner Tester is a nozzle cleaner & detector suitable for EFI, SFI and other injectors. The nozzle can be cleaned and tested by simulating the engine condition. It can also be used to clean the fuel injector and fuel supply system on vehicle without disassembly. Why have to clean injector ? When we turned off the engine suddenly, the gasoline which have been spray out can not be recycled. It would attached on the injector and combustion chamber walls. Gasoline is easy to volatile, but wax and varnish were stayed. Heat these wax and varnish day after day, they will be changed into hard coke. The hard coke will be produced more quickly and more thickly when engine work with poor quality fuel. The machine work on petrol injector, not for diesel injector. The hard coke lead 4 problems on injector Leak Blockage Poor atomization Uneven fuel injection. So we have to clean injector and engine system 20 Gallon Oil Drain Tank W/4 Wheel Suitable for Home Or Business applications

- 1.Ultrasonic cleaning-Ultrasonic cleaning to completely remove the carbon deposit on the fuel injection nozzle.
- 2.Uniformity and atomization test- Test the uniformity of injection quantity of each fuel injection nozzle, and observe the injection state of each fuel injection nozzle with the help of backlight.
- 3.Sealing test-Test the sealing and leakage of the fuel injection nozzle under a certain pressure.
- 4.Injection volume test-Continue to spray for a certain time, test the injection volume of the nozzle.
- 5.Non-disassembly cleaning (for EFI&SFI)- Continue to spray for a certain time, test the injection volume of the nozzle.
- 6Automatic mode-Automatically test the fuel injection nozzle through the preset program.

Technical Data

Model	Injector Cleaner
Power Supply	AC110V+-10%~60Hz
Input Power	AC220V+-10%~50/60Hz
Ultrasonic Power	350w
Fuel Pressure	60w
Air Inlet Pressure	0.1~10bar 5~8bar
RPM	100~9900rpm Step: 100rpm
PW 0	.5~25.0ms Step:0.1ms



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SMART SAFE 603A INJECTOR CLEANER



603A is an Ultrasonic Automotive Injector Cleaner & Tester from LAUNCH. We upgraded the shell design to the sheet metal on this latest generation for more durable and reliable usage. Combines the ultrasonic cleaning technology with microprocessor hydraulic control cleaning detection technology, 603A can clean and inspect the car fuel injectors and fuel supply system.

1. The sheet metal shell design is good for durable and reliable usage
2. 2 in 1 design for more space saving, the cleaner can be separated from the device
3. Glass tube is resistant to high and low temperature
4. User-friendly design of the fuel intake and drain pipe for convenient oil filling and discharge
5. The seamless design of the key mask for better oil resistance
6. Apply the ultrasonic cleaning technology, support on-vehicle cleaning
7. Variety test includes uniformity and atomization detection, sealing test, fuel injection quantity detection, automatic cleaning detection
8. Automatic injector cleaning inspection
9. Automatic control of cleaning and detection process
10. Support both automatic and manual oil draining

Technical Data	
Model	603A Injector Cleaner
Input Power:	300W
Cleaning Power:	100W
Range of Rotation:	10-9990rpm
Time Limit:	1-9999s
Operating Volume:	3000mL
Main Unit Dimensions:	396*380*446mm
Packing Dimensions:	458*433*537mm

THINKCAR GDI 100 FUEL INJECTOR CLEANER AND TESTER



THINKCAR GDI 100 is a powerful injector cleaner and tester with enhanced function and more unique integral cabinet and multilingual control panel design. The GDI 100 support different GDI brands in the market, provides complete GDI cleaning and testing solution.

1. The GDI 100 supports testing of various GDI injectors, including Bosch, Denso, Delphi, etc.
2. The GDI 100 supports the resistance measurement to identify the performance status of the fuel injectors.
3. Automatic fuel drain during a certain test can be realized via a routine, owing to the adoption of automatic fuel drain control Technology
4. Adopt the ultrasonic cleaning technology to quickly remove carbon deposits and impurities
5. Supports testing different GDI injectors in the market, including Bosch, Denso, Delphi, etc. Supports low resistance injector test, Side-feed injector test, TBI Injector test, Votec Injectors and more.
6. The integral cabinet design avoid liquid leakage to improve the efficiency and the service life of the equipment.
7. The control panel has multilingual operating instructions, English, Russian, Spanish to guide users to operate the test and clean, including ultrasonic cleaning, uniformity sprayability test, leakage test, injecting flow test, auto mode test, on-vehicle cleaning
8. The equipped pulse line has 6 different color plugs, corresponding to the 6 colors of the oil separator, which is convenient and improving working efficiency for users to avoid repeated and useless insertion.

Technical Data	
Model	Gd1 100
Main unit power supply:	AC220V±10%50Hz/60Hz or AC110V±10%60Hz
Input power:	230W
Ultrasonic cleaner power:	100W
Resistance test accuracy:	0.1Ω
Simulated RPM range:	100~9900rpm, step: 10rpm
Time range:	5~300s, step: 5s
Pulse width:	0.1~25ms, step: 0.1ms
Fuel tank capacity:	2000 ml
Main Unit Size:	311×346×605mm
Packing Size:	375×405×510mm
Main Unit Weight:	15 KG
Gross Weight:	17.5 KG
Transportation:	336 Units for 20 ft container



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AIRCON REGASSING MACHINE



AC519 is a fully automatic intelligent automobile air conditioning maintenance equipment that integrates functions such as disassembly-free cleaning, refrigerant recovery, Plling, and vacuuming. It can effectively improve the problems of poor air conditioning cooling effect, large compressor load, high noise, and high fuel consumption.

Functions	Description
Air-conditioning pipeline cleaning	Clean the air-conditioning pipelines, remove sludge, powder and other impurities inside the pipelines, replace the refrigeration oil more thoroughly, improve compressor lubrication, and improve the refrigeration performance of the air-conditioning system.
Refrigerant recovery	The refrigerant in the automobile air conditioning system is purified and regenerated and then recycled into the working tank to meet the standards for reuse.
Vacuuming	Achieve vacuuming of air conditioning pipelines and equipment pipelines.
Refrigeration oil filling	Supports manual/automatic filling, and realizes intelligent and precise filling through the built-in electronic scale.
Refrigerant filling	Add refrigerant to the vehicle according to the set filling amount.
Automatic mode	According to the set parameters, automatically perform cleaning, recovery, vacuuming, filling of refrigeration oil, and Inject refrigerant and other operations.
Database	Equipped with automobile refrigerant model database, supports database calling, no manual setting is required.
Print	Supports printing of device execution results.

Technical Data

Model	Smartsafe Aircon Regassing
Power Supply:	AC110V/AC220V 50Hz/60Hz
Main engine power:	700W
Working Temperature:	10~50°C
Electronic scale accuracy:	+/-10g
Recycling capacity:	Gaseous state: 400g/min, Liquid state:700g/min
Vacuum pump capacity:	2pa
Tank:	12L
Filling rate:	800g/min



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The background is a solid black field. Scattered across it are several geometric elements: a large white number '13' on the left; a solid red rectangle in the upper left; a red rectangle with a white dot grid pattern below it; a thin vertical red line in the upper center; a small solid red square in the middle left; a red rectangle with a white dot grid pattern in the lower center; a small solid red square in the upper right; and a red rectangle with a white dot grid pattern in the lower right, with a solid red rectangle positioned directly below it.

13

Agriculture Equipment

SQUARE BALER MODEL: TIB3000



Reliable STAR original knotter guarantees high performance and long service life. Knotting trouble are substantially minimized. It TIB3000 adopts specially designed 2P frame increase working efficiency. This design not only make the machine drive steadily, but also flexible to make turn. The most important is easy of 7pcs of durable plunger rollers with dust-proof design are adopted in heavy-duty plunger to compress all kinds of forage when the baler is working. Working on the small pieces and irregular field. The whole machine is equipped with high strength chains, It has a long service life and low failure rate, which can reduce the maintenance costs.

MODEL	TIB30009	YFQ-2.3Z
Bale size Diameter*Width(cm)	36*46cm	36*46cm
Bale Length(cm)	30~120cm	30~120cm
Baler Size(cm)	410*246*180cm	473*227.5*180cm
Weight(kg)	1700kg	1800kg
Pickup width(cm)	192cm	227cm
Number of Tine	48	76
Number of Row Springs	4	4
Working Speed(km/h)	3~7	4~7
Matched Power (kw/hp)	30~59/40~80	30~59/40~80

1. Reliable original knotter

Reliable original knotter guarantees high performance and long service life. Knotting trouble are substantially minimized. Its knotting rate is higher than 99%, which reaches the international standard.

2. Wide Angle design & Flexible turn with 2P frame

TIB3000 adopts specially designed 2P frame increase working efficiency. This design not only make the machine drive steadily, but also flexible to make turn. The most important is easy of working on the small pieces and irregular field.

3. High Strength Chain

The whole machine is equipped with high strength chains, It has a long service life and low failure rate, which can reduce the maintenance costs.

4. Oversize -Clutch

Oversize-Clutch with overloading protect function, can prevent the machine from overload

5. Wide Pick-up

TIB3000 has a wide pick-up of 190cm, wide pick up handles bigger, wider windrows with a high degree of efficiency. We use a large cam disc and a large retainer to optimize the spring-tooth strength and the linear speed, so that the crops are fed more smoothly, with a high pickup efficiency and low failure rate.

6. High Density and adjustable

The baler is high density and adjustable .So the bale is small in size and easy to transport. It can successively complete the works of picking up & feeding.

You can choose to install pickup and crushing systems to meet the needs of different farms.

MINI ROUND BALER MODEL: MRB0850



It can automatically complete the picking up, baling and balling of pasture, rice, wheat and corn stalks. There are some characteristics in picking up clean, adjustable bale density, high working efficiency and strong applicability. It greatly reduces the labor intensity of farmers, improves production efficiency and widely welcomed creating favorable conditions for farmers income and economic development will be more widely

Product Introduction

- (1) 30~50 horsepower tractor is used for traction; the body is flexible, and the transition is convenient.
- (2) The picker adopts spring-tooth pick-up, which has excellent picking effect and low loss rate of forage grass; picks up smoothly, does not disturb the grass strips, and reduces the rubbing and collision loss of forage grass.
- (3) The side guards of the pickup are conducive to the gathering of the straw.
- (4) The transmission device is arranged axially symmetrically, with a low center of gravity and good stability.
- (5) The rope feeding mechanism adopts the worm gear reducer to drive the action of the four-bar linkage mechanism, which is dependable in action and high in the bundle rate.

Benefits for buyers

- 1) Have a full set of after-sales service system, worry-free after-sales, solve customer problems after use
- 2) When the baler is working, it can automatically lead the rope, automatically pick up the wheat straw, automatically bale, and automatically cut the rope, saving the buyer's time and improving the baling efficiency
- 3) Adjust the rope loop and bale density when baling, so that the bale is not scatter or messy, the formed bale is small and compact, and has good air permeability, which is convenient for buyers to transport and store.
- 4) Convenient loading, unloading and transportation, saving labor

Baler Highlights

1. Easy Handling Bale

When the moisture of the herbage is below 20%, the weight of bale is up to 28kg. If we baled wet herbage , then the bale weight is expected to reach 30kg—40kg. Not only that ,the size of bale is very small for easy to handle.

Two adult men who weight are over sixty-five kilograms stood on a bale, that the bale was still not loose.

MODEL	9JYD-50(MRB0850)
Bale size Diameter*Width(cm)	50*70cm
Bale Size (cm)	115*130*120cm
Weight(kg)	390
Pickup width(cm)	70.5
The Number of Row Tines	4
Working Speed(km/h)	2~5
Matched Power (kw/hp)	22.1~36.7/30~50
PTO Shaft Speed(r/min)	540



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MINI ROUND BALER MODEL: MRB0855



MRB0855N/T is a machine that can be used with small, low-power tractors thanks to its light weight. It is suitable for mountainous areas and steep slopes and can access narrow passageways. It allows for tight manoeuvring during use. It has an excellent harvesting capacity. The bales can be easily adjusted in terms of density, thus allowing for easy manual handling. It can bale hay, straw and green produce effortlessly. Its compact size makes this machine suitable for any type of use and any terrain. The machine can be supplied with a three-point hitch or with a draw bar adjustable in length and height. The machine is equipped with many safety bolts to preserve each functional part. It can be supplied with a net knotter or a twine

MODEL	9JYD-50(MRB0855)
Bale size Diameter*Width(cm)	50*70cm
Bale Size (cm)	115*130*120cm
Weight(kg)	390
Pickup width(cm)	70.5
The Number of Row Tines	4
Working Speed(km/h)	2~5
Matched Power (kw/hp)	22.1~36.7/30~50
PTO Shaft Speed(r/min)	540

Bale size (cm) : Diameter 50 x Width 70

Tractor required HP kW (PS) : 13 ~ 22kW (18 ~ 30PS)

Pick-up width (cm) : 80

Compactly designed MRB0855 series has high mobility. Best match for small tractor.

Light body enables work on soft fields as well.

Bale size is 70cm width x 50cm diameter, which is easy to handle for everyone, especially for women and elderly.

They can work without hydraulic outlet

Hydraulic Power package unit is equipped as standard for tailgate opening.

All the operation does not need any hydraulic output of tractor. It enables to work with wide range of tractor.

Net binding

(MRB0855N)

It takes about 4 seconds (winding 3 times) to bind. Saving the binding time brings higher output throughout the season.

Net can hold material and cut straw surely.

MINI ROUND BALER MODEL: MRB0870



It can automatically complete the picking up, baling and balling of pasture, rice, wheat and corn stalks. There are some characteristics in picking up clean, adjustable bale density, high working efficiency and strong applicability. It greatly reduces the labor intensity of farmers, improves production efficiency and widely welcomed creating favorable conditions for farmers income and economic development will be more widely

Product Introduction

- (1) 30~50 horsepower tractor is used for traction; the body is flexible, and the transition is convenient.
- (2) The picker adopts spring-tooth pick-up, which has excellent picking effect and low loss rate of forage grass; picks up smoothly, does not disturb the grass strips, and reduces the rubbing and collision loss of forage grass.
- (3) The side guards of the pickup are conducive to the gathering of the straw.
- (4) The transmission device is arranged axially symmetrically, with a low center of gravity and good stability.
- (5) The rope feeding mechanism adopts the worm gear reducer to drive the action of the four-bar linkage mechanism, which is dependable in action and high in the bundle rate.

Benefits for buyers

- 1) Have a full set of after-sales service system, worry-free after-sales, solve customer problems after use
- 2) When the baler is working, it can automatically lead the rope, automatically pick up the wheat straw, automatically bale, and automatically cut the rope, saving the buyer's time and improving the baling efficiency
- 3) Adjust the rope loop and bale density when baling, so that the bale is not scatter or messy, the formed bale is small and compact, and has good air permeability, which is convenient for buyers to transport and store.
- 4) Convenient loading, unloading and transportation, saving labor

Baler Highlights

1. Easy Handling Bale

When the moisture of the herbage is below 20%, the weight of bale is up to 28kg. If we baled wet herbage, then the bale weight is expected to reach 30kg—40kg. Not only that, the size of bale is very small for easy to handle.

Two adult men who weight are over sixty-five kilograms stood on a bale, that the bale was still not loose.

MODEL	9JYD-60(MRB0870)
Bale size Diameter*Width(cm)	60*70cm
Bale Size (cm)	130*130*135cm
Weight(kg)	440
Pickup width(cm)	70.5
The Number of Row Tines	4
Working Speed(km/h)	2~5
Matched Power (kw/hp)	22.1~36.7/30~50
PTO Shaft Speed(r/min)	540



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ROTARY MACHINE MODEL: MGR2500



Our Rotary Rake has big advantage as to economical operation such as less fuel consumption, multiple functions (3 in one) at compact body etc. The compact body and light weight models are operated under 40hp tractor. MGR2500 demonstrate good performance from this body all in raking, tedding and spreading in small fields. Furthermore, thin and flexible steel tines make gentle treatment of grass increase the nutritional quality of hay and forage. Multiple operation (Tedding, Raking & Spreading) at compact body. The stable operation is enable because of wide tread.

MGR2500 Rotary rake is composed of a rack, rotary disc ,support arm, regulating handle and widened wheels etc. Wide range of applications, suitable for picking and collecting various straws and pastures such as mulching film, straw, wheat straw, corn stalks, etc.

Our rotary rake can rake, ted and revert, use cam structure to invert the grass by one operation.

The tedder side also can make the crop to stripe when baling and storage, improve the working efficiency.

All the rakes has special in multi-purpose, raking , tedding and reverting; red the grass evenly and clearly, cut crop loss,improve the working efficiency; easy operation, reliable performance, and good durable ability.

MODEL	MGR2500
Transporting Overall Dimensions(cm)	210*195*95
Working Overall Dimensions(cm)	210*250*95
Weight(kg)	160
Tine Qty	12
Working Speed(km/h)	4月8日
Matched Power (kw/hp)	13.2-36.7/18-50
Matched PTO Speed(r/min)	540
Tedding Functions	Yes

1.3-Point Hitch Mounted

Adjustment of wheel height

Simply by changing the pin position always makes wheel height keep the best position on every fields or operations.

2.Setting operation Functions

Choose like Raking, Tedding and Spreading functions are selected by putting an iron bar in one of the holes.It does not require any tools to switch among the three functions.

The tedder side also can make the crop to stripe when bundling and storage, improve the working efficiency.

3.Matched Power

Our rotary rake matched horsepower is very low ,between 13.2-36.7kw or 18-50hp.

4.Adjustable Wheel height

Move bushing's location up and down can easy to adjust wheel height .

5.Lower Air Baffle

A specially designed pin bore in einer ebene liegen make the user to adjuste operation width with one pin.

WRAPPING MACHINE MODEL: SWM0810



With aluminum rollers are used for the stretching device, less wear off is expected. Cylindrical rollers stretch the film properly and evenly, help to make high quality wrapped silage effectively. When wrapping time reaches a set value, the auto-stop system works to stop table rotation automatically. Wrapping number can be set in 2/4/6 layers with pin insertion. Since the machine is equipped with a gasoline engine, wrapping operation can be done anywhere. Also, the handle and tires are equipped for transportation

1. Stable Operation With Aluminum Roller

With aluminum rollers are used for the stretching device ,less wear off is expected. Cylindrical rollers stretch the film properly and evenly, help to make high quality wrapped silage effectively.

2.Auto-Stop Wrapping System

When wrapping time reaches a set value, the auto-stop system works to stop table rotation automatically.

Wrapping number can be set in 2/4/6 layers with pin insertion.

3.Easy Operation With Engine

Since the machine is equipped with a gasoline engine, wrapping operation can be done anywhere. Also, the handle and tires are equipped for transportation.

Model	SWM0810
Film Width(cm)	25
Dimensions(LxWxH)(cm)	150x87x103
Weight(kg)	85kg
Adaptable Bale Size (cm) Diameter	46~50
Adaptable Bale Size (cm) Width	85~100
Number Of Stretch	Single
Table Rotation (rpm)	20~40
Engine Power (PS)	1.4PS



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DISC MOWER : MDM1700



MDM1700 Disc Mower mainly is used for the harvesting of all kinds of forage, for example: alfalfa, ryegrass, oats etc. It has very high efficiency, suitable for heavy and high crops than reciprocating mower. Adjust attachment is installed on the cutter-bar, which makes cutter-bar is easily to be up and down. two springs are hanged on the side of cutter-bar, which can adapt the situation of concave-convex ground and doesn't destroy the grass ground. round disks and saft guards can protect the mower body and knives are not to be cracked with stones and barriers directly.

Highlights

1. Reliable Italy Totally Imported Original Cutter-bar

Reliable totally imported original cutter-bar guarantees high performance , long service life and the gears are not easy to bad.

In order to reduce the cost, the current market is almost full of elliptical mowing discs, the fact proves that the disadvantage of elliptical mowing discs is the knives directly collide with the stones in the field, and the knives are very easy to be broken. At the same time, because of the high frequency of impact on the machine, the gearbox usually happens oil leakage, it also reduces the stability of the cutter-bar.

Our round discs can effectively clean the stones in the field , it protects the body of cutter-bar and the knives are not to be impacted directly by the stones or other obstacle. The material of Italy cutter-bar is Swedish Steel which has excellent wear resistance, toughness and rigidity. So our disc mower has longer service time and lower failure rate, Stable performance.

2. Efficient Cutting

The blades adopt special shape of spiral edge and undergo special heat treatment to achieve good cutting result.

3. Hydraulic Equipment

It makes the Disc Mower to raise quickly for turning or transport fold in 90-degrees.

Model	MDM1700
Cutting Width	165cm
Overall Dimensions(cm) LxWxHWorking:	330x163x87cm
Overall Dimensions(cm) Transporting:	143x169x183cm
Weight(kg)	410kg
Disc Qty	4
Knife Qty/Disc	2
Working Speed(km/h)	4-10km/h
Matched Power (kw/hp)	35-80



14

Surveillance Trailers

SOLAR SURVEILLANCE TRAILER SAL-VTS3P MAX-M



Medium-Small Size Single Axle Solar Surveillance Trailer
SAL-VTS3P Max-M

1. 3*575W solar panels
2. 9.6kWh/14.4kWh gel/lithium batteries,DC24V system
3. Optional 6 to 9 meters manual/electric/ hydraulic mast
4. Single axle/Dual axle trailer with Australia/North America standard
5. Widely used in CCTV security, communication, lighting etc

Advantages

The SAL-VTS3P Max-M is equipped with high-power solar panels for greater power generation and storage capacity. The powerful endurance allows the trailer to provide a stable power supply for the CCTV Cameras System at the same time, it can also be equipped with an LED light group system and supply power to it. In addition, there is a space reserved inside the trailer, and you can choose to install a small generator to cope with the situation of excessively long work in harsh environments. It is a good helper for large-scale outdoor projects.

Fully functional

The combination of 3*575W solar panels and 9.6kWh/14.4kWh gel/lithium batteries provides a strong and stable power supply. Power the CCTV Cameras System for more than 60days. And can also be equipped with LED lighting system and communication. It solves the problem of short battery life and insufficient power supply

High degree of automation

The SAL-VTS3P Max-M remotely controls the turning on or off of the CCTV Cameras System. And has power monitoring, low power alarm and other functions, the user is more convenient and labor-saving.

Durable

SAL-VTS3P Max-M adopts stainless steel shell, and after multiple sandblasting and spraying treatment, corrosion and rust prevention. Its protection level is far more than IP65, whether in the case of continuous rain or dust, SAL-VTS3P Max-M can still work normally, and the internal electrical appliances will not have any damage.

SOLAR SURVEILLANCE TRAILER SAL-VTS4P-M



Solar Surveillance Trailer SAL-VTS4P-M

Medium Size Single Axle Solar Surveillance Trailer:SAL-VTS4P-M

1. 4*450W solar panels
2. 9.6kWh/14.4kWh/19.2kWh gel/Lithium batteries,DC24V system
- 3.1*PTZ camera,3*bullet cameras
4. Optional 6 to 9 meters manual/electric/ hydraulic mast
5. Single axle trailer with Australia/North America standard

Advantages

The SAL-VTS4P-M is equipped with 4*450W solar panels, which means that the area of the solar panels after deployment is larger and the charging efficiency is higher. Combined with 9.6kWh/14.4kWh/19.2kWh gel/lithium batteries, the VTS4P-M has a long battery life, and the trailer provides power to the CCTV Cameras System at the same time. It can also power under power LED lighting systems, communication devices or LED screens.

Long-lasting battery life

4*450W solar panel, faster charging efficiency. The high-capacity battery pack (when the solar panels are working properly) can power the CCTV Cameras System for more than 60 days.

High security

Each cabinet door of SAL-VTS4P-M has an independent lock, and has a proximity alarm, high anti-theft performance.

And the trailer is equipped with brakes and taillight, traction is safer.

High stability

4*Manual outriggers, single or dual axle optional, high stability after deployment.

Solar Surveillance Trailer SAL-VTS4P-M

- Energy saving and environmental protection, "0" noise, "0" pollution;
- Easy operation and maintenance;
- Beautiful appearance, corrosion and rust prevention;
- High degree of automation;
- Perfectly designed and fully functional;
- Can be operated remotely, saving labor costs;

Details

The display of details helps customers to have an in-depth understanding of our products.

Detail 01

The latching makes the solar panel more stable and secure when pulled out or retracted.

Detail 02

The external charging port can supply power to other electrical appliances when needed outdoors.

Detail 03

The dual axle makes the trailer more stable when being pulled or adjusted, making the trailer less prone to tilt and collapse.



SOLAR LIGHT TOWER SAL-VTS6P-L



Medium-Large Size Dual Axle Solar Light Tower: SAL-VTS6P-L

1. 6*450W solar panels
2. 14.4kWh/19.2kWh gel/lithium batteries,DC24V system
- 3.38,400 lumens-96,000 lumens LED Light
4. Optional 6 to 9 meters manual/electric/ hydraulic mast
5. Australia/Europe/North America standard

Advantages

It is a two-axis solar light tower with 6*435W solar panels and 14.4kWh/19.2kWh gel/lithium batteries. The trailer is 4279mm long and 2171mm wide, equipped with 4*250W LED lighting System, and can power other electrical appliances outdoors, while the trailer can also be equipped with CCTV Cameras System and communication system.

Easy to deploy

The dual axle design makes the SAL-VTS6P-L easy to move, even if the trailer weight reaches 1500kg, it is also very easy to tow. After reaching the designated position, the solar panel and the lifting rod can be controlled by remote control, which can be deployed in 3 minutes.

High stability

The combination of the 4*Manual Outriggers and dual axle makes the SAL-VTS6P-L stable after deployment without tipping and rocking. the Wind rating speed of the VTS6P-L is 100km/h.

External discharge

SAL-VTS6P-L has a large capacity battery pack, and the solar panel charging efficiency is high, so that the trailer can provide a stable power supply for the LED light pack system at the same time, but also external discharge, to provide power for some small electrical equipment.

Solar Lighting Tower SAL-VTS6P-L

- Energy saving and environmental protection, "0" noise, "0" pollution;
- Mast lifts safely and reliably;
- Easy operation and maintenance;
- Beautiful appearance, corrosion and rust prevention;
- High degree of automation;
- LED light set is adjustable;
- Long-lasting battery life;

Details

The display of details helps customers to have an in-depth understanding of our products.

Detail 01

Dual axle makes the trailer more stable when running or stopping.

Detail 02

North America/Australia/European standard taillights.

SOLAR SURVEILLANCE TRAILER VTS3P MINI-M



Solar Surveillance Trailer SAL-VTS3P Mini-M

Medium-Small Size Single Axle Solar Surveillance Trailer VTS3P Mini-M

1. 3*300W solar panels
2. 300Ah/400Ah Gel/Lithium batteries,DC24V system
3. Optional 6 to 9 meters manual/electric/ hydraulic mast
4. Single axle trailer with Australia/North America standard
5. Widely used in CCTV security,communication,lighting etc

Advantages

The SAL-VTS3P Mini-M is often used for monitoring small area construction sites, mines and large warehouses. Only use solar power generation, easy operation, remote control and no maintenance.

Low cost of use

Relying only on solar power can maintain the work, and no maintenance. Labor and energy costs are greatly saved.

Easy operation

The SAL-VTS3P Mini-M is reasonably designed, easy to operate and can be operated remotely.

Wide range of applications

Because of the small volume of the SAL-VTS3P Mini-M, it can perform well both outdoors and indoors, such as in small construction sites, large warehouses and even residential areas.



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SOLAR POWERED LIGHT TOWER SAL-VTS3P-L



Medium-Small Size Single Axle Solar Powered Light Tower SAL-VTS3P-L

1. 3*435W solar panels
2. 9.6KWh/14.4KWh gel batteries,DC24V system
3. Optional 6 to 9 meters manual/electric/ hydraulic mast
4. Single axle trailer with Australia/North America standard
5. 38,400 lumens-96,000 lumens LED light

Advantages

The 9.6KWh/14.4KWh battery pack, combined with 3*435W solar panels, enables the SAL-VTS3P-L to last up to 7 days and charge faster. And can adjust the Angle and brightness of the LED light group, suitable for any terrain lighting. As a professional solar light tower manufacturer, our initial design is that hope each SAL-VTS3P-L can serve users for more than 12 years.

Easy to deploy

Because of its small size and weight, and equipped with a single axle and guide wheel, it is very easy to pull and deploy outdoors.

Charge faster and last longer

The VTS3P-L takes only 7.3 hours to fully charge using solar panels and can discharge continuously for 21 hours.

LED light set adjustable Angle and brightness

The user can adjust the Angle and brightness of the LED light group according to the field needs, which greatly improves the flexibility and mobility of the SAL-VTS3P-L.

Solar Powered Lighting Tower SAL-VTS3P-L

- Energy saving and environmental protection, "0" noise, "0" pollution;
- Mast lifts safely and reliably;
- Easy operation and maintenance;
- Beautiful appearance, corrosion and rust prevention;
- High stability;
- LED light set is adjustable;
- Can be operated remotely, saving labor costs;

Details

The display of details helps customers to have an in-depth understanding of our products.

Detail 01

The rear door has a downward heat dissipation hole, which is not only waterproof and dust resistant, but also can cool the internal battery.

Detail 02

The top of the trailer is provided with an oil filling port and a lock to avoid damage by criminals.

Detail 03

Top exhaust pipe for easy daily inspection.



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The background is a solid black field. It is decorated with several red geometric elements: a large solid rectangle in the upper left, a vertical dotted rectangle below it, a small solid square to the right of the dotted rectangle, a thin vertical solid rectangle above the dotted rectangle, a large dotted rectangle in the lower left, a small solid square above it, and a vertical dotted rectangle in the lower right with a solid rectangle at its base. The number '15' is printed in white on the left side.

15

Solar Lights & Batteries

EIF 30W MINI SOLAR STREET LIGHT



Technical Datas:			
MODEL	YF-EIM-30W	MPPT Charge Controller	including wireless communication module
PV Module	30W poly	Working mode	Time dimming
Life time	25years (The power attenuation of each year is around 1%)	Circuit Protection	Overcharge, discharge, short circuit, open load, lightning protection and other functions
Light Efficiency	3000LM	Life time	8years
LED chip	SMD5050/16PCS	Charging Time (STC)	6-8Hours (With STC)
LED chip Brand	Bridge Lux	Certificate	CE、ROSH、IP65
Light distribution type TYPE II		Working Temperature	20°C +60°C (When the temperature is below-10 'C,derating use)
Viewing Angel	70°*140°	Storage Temperature	0°C 45°C
Color Temperature	3000K-6500K, Typical value (5500K-6000K)	Protection	Grade Ip65
Color rendering index	>80	Dimension Size(mm)	L585*W358*H72.5MM
Life time	>10years	Installation Height	3m to 6m light pole
Battery Tape	LiFePO4 battery	Installation Diameter	60mm
Battery Capacity	160WH	Warranty	3years
Battery life time	(5-8years)	Package	Ctn size: 705*140*425mm/1set

384 LED SOLAR STREET LIGHT



Technical Datas:			
MODEL #	YF-C384	Color Temperature	5500K~6000K
LEDs	Quantity	384pcs	CRI > 70Ra
Module Quantity	6pcs	Storage Temperature	0°C~45°C
Output Luminous Flux	4500lm	The Discharge Temperature	-20°C~ 60°C
Solar Panel	70Wp	Dimension Size(mm)	L 1130x359x70mm
The battery Type	LiFePO4	Certificate	CE、ROHS、Ip65
Battery	256Wh	Installation Diameter	<60mm
Working time	3-5days	Warranty	3years
Beam angle	70*130 degree	Qty/ctn	1set/ctn
With Turn on/off switch	yes	Carton size	1170x140x415mm



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EIF 120W SOLAR STREET LIGHT



Technical Datas:	
MODEL	YF-EIF-100W/120W
PV Module	120W Mono
Life Time	25years
LED Efficiency	210lm/w
LED Chip	5050 LED/64pcs
LED Chip Brand	BridgeLux
Viewing Angel	70°*140°
Color Temperature	3000K-6500K Typical value (5500K-6000K)
Battery Tape	LiFePO4 battery
Battery Capacity	768WH/1150WH
Charge Controller	MPPT
Working Mode	With motion sensor
Charging Time (STC)	6-8Hours (With STC)
Certificate	CE、 ROHS、 Ip65
Working Temperature	-20°C~+60°C
Protection Grade	Ip65
Warranty	5years

320 LED SOLAR STREET LIGHT



Technical Datas:			
MODEL #	YF-C320	Color Temperature	5500K~6000K
LEDs Quantity	320pcs	CRI	> 70Ra
Module Quantity	5pcs	Storage Temperature	0°C~45°C
Output Luminous Flux	3500lm	The Discharge Temperature	-20°C~ 60°C
Solar Panel	65Wp	Dimension Size(mm)	L044X559X/0mm
The battery Type	LiFePO4	Certificate	CE、 ROHS、 Ip65
Battery	224Wh	Installation Diameter	<60mm
Working time	3-5days	Warranty	3years
Beam angle	70°130 degree	Qty/ctn	1set/ctn
With Turn on/off switch	yes	Carton size	1085x140x415mm



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8.7KWH BATTERY SYSTEM



- 1 LCD Screen
- 2 Easy To Install
- 3 Powerful BMS
- 4 ≥ 6000 Cycle Times

Technical Datas:			
Capacity	8.7KWH	Voltage	48V
Nominal voltage	51.2V	Nominal voltage range	44.8-57.6V
Charge cut-off voltage	57.6V	Discharge cut-off voltage	44.8V
Max. Charge & discharge current	110A@5s	Recommend charge&discharge current	100A
Max Output power	5120Wh	Discharge DOD	90%
Communication Port	RS485/CAN	Communication Mode	WIFI/BLUETOOTH
Ingress protection	Ip20	Cycle times	≥ 8000 @25°C
Working temperature	Discharge:-20~45°C	Charge:0~45°C	Warranty 6 years
Battery Cell Material	Lithium(LiFePO4)	Certification	CE,IEC62619(Cell&Pack),UL1973,CEC,UN38.3
Net weight	58.8kg	Gross weight	61.1kg
Product dimension	667*430*233.5mm	Package dimension	670*500*265mm

5KWH BATTERY SYSTEM



Technical Datas:	
MODEL	YF-LFP-5KWH
RECOMMEND CHARGE & DISCHARGE	50A
MAX. CHARGE & DISCHARGE CURRENT	80A@20S
DISCHARGE DOD	90%
INGRESS PROTECTION	1P20
CYCLE TIMES	>6000@25°C
WORKING TEMPERATURE	-10°C~50°C
STORAGE TEMPERATURE	0°C~50°C
WARRANTY	6 YEARS
CERTIFICATION	CE, IEC62619(Cell&Pack), UL1973, UN38.3
COMMUNICATION PORT	RS485/CAN
MAX IN PARALLEL	8PCS
NET WEIGHT	74KG
GROSS WEIGHT	76KG
PRODUCT DIMENSION	650*430*210mm
PACKAGE DIMENSION	765*525*255mm



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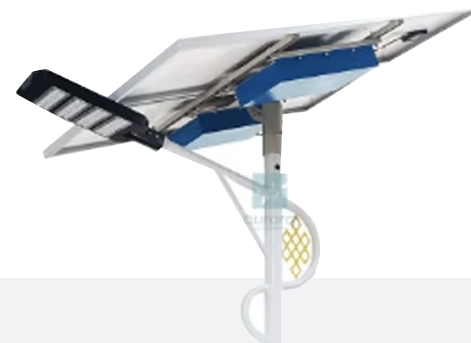
12KWH BATTERY SYSTEM



- 1 Long Lifespan
- 2 Floor/Wall-Mounted Install
- 3 Reliable Performance
- 4 90%DOD

Technical Datas:	
MODEL	YF-LFP-12.2KWH
NOMINAL VOLTAGE RANGE	48V-57.6V
RECOMMEND CHARGE & DISCHARGE CURRENT	100A
MAX. CHARGE & DISCHARGE CURRENT	120A@20S
DISCHARGE DOD	90%
INGRESS PROTECTION	1P20
CYCLE TIMES	>6000@25°C
WORKING TEMPERATURE	-10°C~50°C
STORAGE TEMPERATURE	0°C~50°C
WARRANTY	6 YEARS
CERTIFICATION	CE, IEC62619(Cell&Pack), UL1973, UN38.3
COMMUNICATION PORT	RS485/CAN
MAX IN PARALLEL	8PCS
NET WEIGHT	118KG
GROSS WEIGHT	132KG
PRODUCT DIMENSION	820*430*255mm
PACKAGE DIMENSION	870*515*415mm

60W SOLAR STREET LIGHT AND SOLAR PANEL



Technical Datas:	
ITEM NO 型号	MONO-180W
Solar Cell:电池片	158.75MONO
Optimum Power Voltage(Vmp) 工作电压	18
Optimum Operatige Current(Imp)工作电流	10
Open Circuit Voltage(Voc)开路电压	21.24V
Short Circuit Current(Isc)短路电流	11
Size of Module(mm)	1480*680*35mm
Front Glass Thikness(mm)玻璃规格	3.2mm
Temperature Coefficients of Isc(%)°C	0.065+/-0.015%/°C
Temperature Coefficients of Voc(%)°C	_(22.3+/-0.1)mv°C
Temperature Coefficients of Pm(%) °C	_(0.5+/-0.05)/°C
Temperature Coefficients of Im(%) °C	+0.1/°C
Temperature Coefficients of Vm(%) °C	-0.38/°C
Temperature Range	-40°C to +85°C
Tolerance Wattage(e.g.	+/-5%)+3%
Surface Maximum Load Capacity	6 0m/s (5kg/sq.m)
Allowable Hail Load	23m/s,7.53g
Weight Per Piece(KG)	10
Cell Efficiency (%)	22%
Warranty	90% of 10 years,80% of 25 yea
FF (%)	70-72%
Warranty period	Five Year



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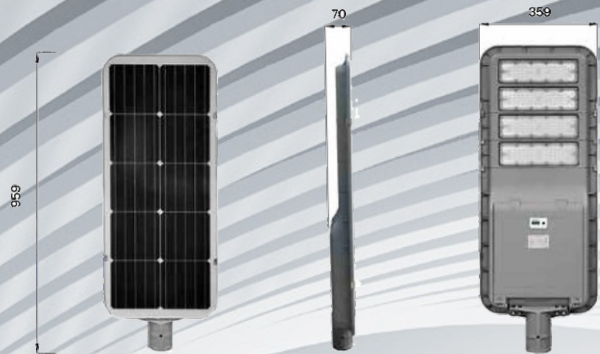


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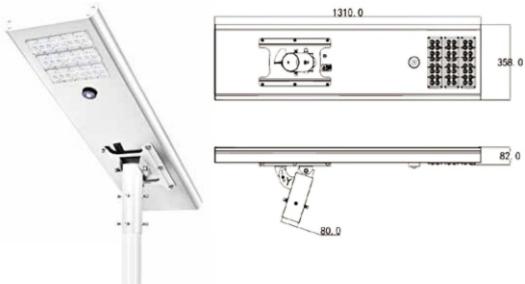
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256 LED SOLAR STREET LIGHT



Technical Datas:			
MODEL #	YF-C256	Color Temperature	5500K~6000K
LEDs Quantity	256pcs	CRI	> 70Ra
Module Quantity	4pcs	Storage Temperature	0°C~45°C
Output Luminous Flux	3000lm	The Discharge Temperature	-20°C~ 60°C
Solar Panel	56Wp	Dimension Size(mm)	L 956x359x70mm
The battery Type	LiFePO4	Certificate	CE、 RoHS、 IP65
Battery	192Wh	Installation Diameter	<60mm
Working time	3-5days	Warranty	3years
Beam angle	70°130 degree	Qty/ctn	1set/ctn
With Turn on/off swt	yes	Carton size	1000x140x415mm

EIF 80W SOLAR STREET LIGHT



Technical Datas:			
MODEL	YF-EIF-60W/80W	Battery Capacity	432WH/512WH
PV Module	90W	Mono Charge Controller	MPPT
LED Efficiency	210lm/w	Working Mode	With motion sensor
LED Chip	5050 LED/48pcs	Charging Time (STC)	6-8Hours (With STC)
LED Chip Brand	BridgeLux	Certificate	CE、 RoHS、 IP65
Color Temperature	3000K-6500K, Typical value (9900K-6000K)		
	Protection Grade Ip65		
Battery Type	LiFePO4 battery	Warranty	5years



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