



# APT



## ***AUTOMOTIVE BROCHURE***

The Name You Can Trust  
[www.apr-international.com](http://www.apr-international.com)

# TYRE CHANGER

SEMI-AUTOMATIC  
/AUTOMATIC



## U-201 SEMI-AUTOMATIC SWING ARM

### FEATURES



Adopt rugged & durable one-piece casting jaws.

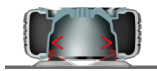


Adjustable pressing shovel helps to press tyre with less effort.

### PARAMETERS



10~21"  
External clamping



12~24"  
Internal clamping

## U-221 / U-226 AUTOMATIC CHANGER TILTING TYPE

### FEATURES



Adopt rugged & durable one-piece casting jaws.



Tilt back tower design  
The pneumatic vertical arm automatically positions the mounting head on rim.



<1000mm(39")  
Max. wheel diameter



<355mm(14")  
Max. wheel width



## U-650 FULLY-AUTOMATIC LEVERLESS TYRE CHANGER

### FEATURES

Moveable control console for comfortable operation.  
The equipment is equipped with intelligent control system, fully automatic tyre removal by simply entering tyre parameters. The whole process can be done without human intervention. Support both manual and automatic operation modes, available to switch at any time in the process of tyre removal and installation. In manual mode, it only requires to manually operate the buttons to complete the tyre mounting and demounting.



AUTOMATIC MOUNTING/  
DEMOUNTING DEVICE



Equipped with a high-fidelity camera system and LCD screen, the whole operation is under control and no longer have a blind spot to demount the tyre.



PNEUMATIC  
HELP ARM  
360° rotatable, offering extra assistance for bead pressing and tyre mounting.



INTEGRATED SPINDLE  
WHEEL LIFT

With centre post turntable which can be flipped 90 degrees to make loading and unloading tyres easier.



HYDRAULIC BEAD  
BREAKER  
Remove tyre easily and efficiently from the rim.

## U-650 PARAMETERS



13~28"  
Rim dimension



<1040mm(41")  
Max. wheel diameter



<355mm(14")  
Max. wheel width



Leverless

## U-650F

Fully-automatic

Semi-automatic

# U-256 FULLY-AUTOMATIC CHANGER TILTING TYPE

# TYRE CHANGER

## FEATURES



### 056 Help Arm



Quick clamping with central positioning function.  
Nylon bead roller leaves no mark on rim and  
Providing an easy Tyre changing operation  
The labor-saving 360° moving bead pressing  
block providing an easier unloading.



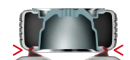
### T03 Leverless Tool Head (Optional)



Leverless:  
performing the tyre mounting / demounting  
operation without use of the traditional  
tyre lever

Standard configuration: Bead pressing  
tool

## PARAMETERS



12~23"  
External clamping



14~26"  
Internal clamping



<1143mm(45")  
Max.wheel diameter



<406mm(16")  
Max. wheel width



## About 256 Series

U256T

U-256  
+  
T03



U256A

U-256  
+  
A (Bead roller)



U256AT

U-256  
+  
T03  
+  
A (Bead roller)



## OPTIONAL CONFIGURATION

Option 1:  
Barrel-type Tyre  
Inflator Blaster



UB-TFI  
Installed on  
tyre changer

U-256-TFI

Option 2:  
Traditional quick  
air booster



Pressure  
gauge



Quick air  
booster tank

U-256A

Optional:  
Barrel-type Tyre Inflator Blaster



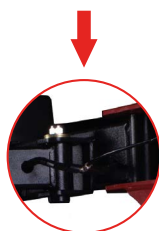
UB-TF2  
Individual  
Type



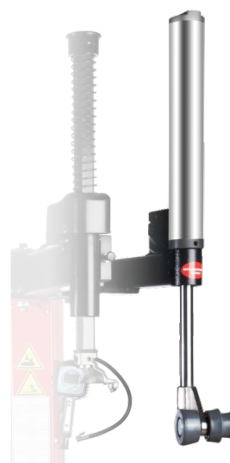
UB-TFM  
Mobile &  
Individual Type

## X005467 TYRE CHANGER HELPER ARM

The Old help arm:  
It used to be changed the single  
function swing arm to a swing  
arm with Helper assembly when  
customers need to upgrade  
the machine.



The NEW help arm:  
It requires to simply add  
the helper arm with a U-shaped  
bolt to the swing arm.



Convenient to upgrade  
all our swing arms

# WHEEL BALANCER

## U-520 WHEEL BALANCER BASIC LINE

Noise level  
70dB

LED light &  
Digital display

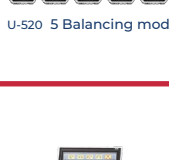
① Self-calibration and self-diagnosis functions.

② Automatic distance and wheel diameter measuring, allowing faster data input.

Adding tracking sticky balancing mode, special for high-class wheel uses stick-on weights only



U-500 6 Balancing modes



U-520 5 Balancing modes



U-520  
Split and hidden  
weight solution



Opt function



Maximum  
wheel weight



Rim width  
Rim diameter



### ELECTROMAGNETIC BRAKE

The electromagnetic brake function can automatically position the inner and outer unbalanced position.



### AUTOMATIC POSITIONING OF UNBALANCE POINTS

The machine comes with an automatic positioning feature that detects the unbalanced point, eliminating the need for manual hand-spinning of the tyre.



### LASER POINTER

Point out the unbalancing place with laser automatically

## U-829 WHEEL BALANCER

### AUTOMATIC MEASUREMENT



Automatic distance and wheel diameter measuring, allowing faster data input



The tracking sticking balancing mode is particularly suitable for high-class wheel uses stick-on weights only.



Automatic width measuring scale.



6 Balancing modes



Split and hidden  
weight solution



Opt function



Maximum  
wheel weight



Rim width  
Rim diameter

# W2 WHEEL BALANCER

Noise level  
70dB



## FEATURES

- ① Automatic distance and wheel diameter measuring, allowing faster data input adding tracking sticky balancing mode, special for high-class wheel uses stick-on weights only.
- ② Automatic width measuring scale.



9 Balancing modes



Split and hidden weightsolution



Opt function



**65kg**  
(143 lbs)

Maximum wheel weight



Rim width  
Rim diameter

# W3 Wheel Balancer With autolocate

## Optional:

Automatic Disc Brake

Laser Pointer

AUTOMATIC POSITIONING  
OF UNBALANCE POINTS



3D ANIMATION  
INTERFACE



9 Balancing modes



Split and hidden weightsolution



Opt function



**65kg**  
(143 lbs)

Maximum wheel weight



Rim width  
Rim diameter



## FEATURES:

- ① Automatic distance and wheel diameter measuring, allowing faster data input
- ② Adding tracking sticky balancing mode, special for high-class wheel uses stick-on weights only.
- ③ Automatic width measuring scale.



# WHEEL ALIGNMENT

## PL-3D-5555 3D WHEEL ALIGNMENT



Accuracy calculates the entire vehicle angle by two high precision cameras



Four Targets  
No electronic components;  
No sensors;  
Pretty low break-down rate;



Rubber pads ensure a flat surface for wheels



Special wheel clamps auto compensation and auto measurement

Reference 3D virtual plane for measuring the vehicle, faster and more accurate



Target board adjustment



Measurement data



Dynamic measurement



### Standard parts



Steering wheel holder



Special wheel clamps  
Auto compensation  
auto measurement



Auto-tracking camera  
system  
Provide real-time & high  
precision 3D measurements



Targets  
No electronic  
components with high  
accuracy



Lenovo (IBM) Computer  
19" LCD monitor



One Key  
Recovery & Update  
One key restore, backup  
or update the system  
automatically.

### 3D wheel alignment for car and light truck

## U-VA2023 Pro 3D WHEEL ALIGNMENT

32" Monitor

Dual-Screen

19" Monitor



Auto Height Adjustment  
Min. height: 960mm

Align at Ground Level

Intuitive real-time data  
comparison with standards



Precision wheelbase & track  
detection



Engine frame adjustment at  
your fingertips



Rugged fiberglass targets, speed,  
stable, strong



In-house software with rich vehicle  
data, free upgrades



Industrial-grade hd camera, total  
vehicle & platform coverage



# PL-4.0-2DA

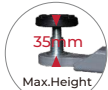
## TWO POST VEHICLE LIFT

### ARCH TYPE CLEAR FLOOR

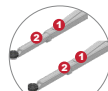
# TWO POST VEHICLE Lifts



### STANDARD



Adjustable lifting pad to two(2) heights

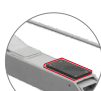


Two stage arm

### OPTIONAL



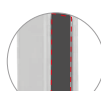
Longer two stage arm & three-stage arm



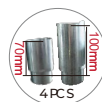
Arm pad



Height limit switch



Dust protection

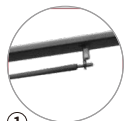


Adapters

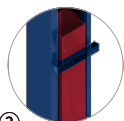


Simple control box

### Safety Features



Top beam design



Car door protection  
(Standard: PL-4.0-2DE)



Foot Protection Device



Automatic all-steel arm-locking device



Safety valve for anti-explosion of hydraulic system



Chain protector

# PL-4.0-2D / PL-4.0-2DE

## TWO POST VEHICLE LIFT

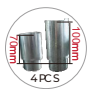
### ARCH TYPE CLEAR FLOOR



### OPTIONAL



Longer two stage arm & three-stage arm



Adapters



Arm pad

### STANDARD



Adjustable lifting pad to two(2) heights



Two stage arm

### Safety Features



Car door protection  
(Standard: PL-4.0-2DE)



Foot Protection Device



Automatic all-steel arm-locking device



Safety valve for anti-explosion of hydraulic system



Chain protector



# FOUR POST VEHICLE Lifts

**PL-FS35/FS40/FS55**  
**FOUR POST VEHICLE LIFT**  
**FOR WHEEL ALIGNMENT**

3.5  
4.0



Single Manual  
Lock Release



For Wheel  
Alignment



Optional Pneumatic  
Lock Release  
(Available as PL-FS40E)

## Rolling jack(OPTIONAL) 2T

Convenient for clients' self-installation



Manual Control



Pneumatic Control

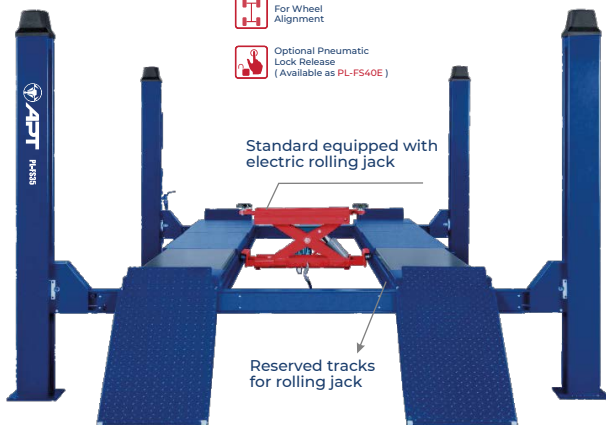
## OPTIONAL



Position-adjustable



Drive-by-wire button



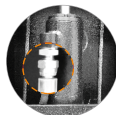
Standard equipped with  
electric rolling jack

Reserved tracks  
for rolling jack

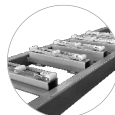
## SAFETY FEATURES



Big Pulley for  
steel rope



Safety valve for  
anti-explosion of  
hydraulic system



Abrasion resistant  
slip plates for 4  
wheel alignment



Equipped with main  
insurance and rope  
break insurance on  
each column



Power unit cover +  
chain protector for oil  
hose

## U-F50/F55 Four post lift Manual Lock Release

4.0



## Rolling Jack (OPTIONAL)



Manual Control



Pneumatic Control



Electric Control

## OPTIONAL



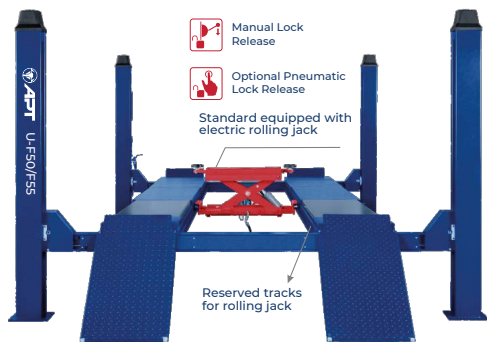
Position-adjustable



Drive-by-wire button



Power unit cover +  
chain protector for oil  
hose



Manual Lock  
Release



Optional Pneumatic  
Lock Release

Standard equipped with  
electric rolling jack

Reserved tracks  
for rolling jack

## SAFETY FEATURES



Big Pulley for  
steel rope



Safety valve for  
anti-explosion of  
hydraulic system



Equipped with main insurance and rope  
break insurance on each column

## PL-H30M SMALL PLATFORM PANTOGRAPH LIFT

# PANTOGRAPH LIFTS



2.5 |



No ditch  
needed



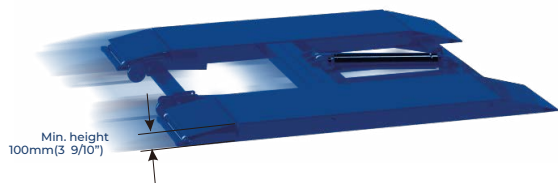
Automatic  
Release



Manual  
lowering



ULTRA  
-THIN



### FEATURES



Parallel structure  
design



Safety valve for  
anti-explosion of  
hydraulic system

## U-H25A PORTABLE VEHICLE LIFT



2.5 |



No ditch  
needed



Automatic  
Release



Manual  
lowering



ULTRA  
-THIN



# SCISSOR Lift

## PL-B30 ULTRA-THIN WHEEL FREE SCISSOR LIFT



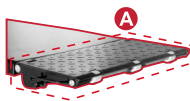
No ditch  
needed



Pneumatic Lock  
Release



Electromagnetic  
Lowering



PL-B30+A=PL-B30Y

### OPTIONAL



Drive-by-wire button



Photoelectric leveling



### FEATURES



Precision  
machined  
safety lock



Synchronized  
hydraulic cylinders  
system



Safety descending  
stop & alarm



Safety valve for  
anti-explosion of  
hydraulic system



Height limit switch



X 4pcs  
160\*120\*35mm

Rubber pads



No ditch  
needed



Pneumatic Lock  
Release



Electromagnetic  
Lowering

## PL-Z30 MID-RISE SCISSOR LIFT

PL-Z30+A= PL-Z30Y



Allows you to fix the ramp as an  
extendable platform, suits for  
long wheel base vehicles



X 4pcs  
160\*120\*35mm  
Rubber pads

### OPTIONAL



Drive-by-wire button



Photoelectric leveling



### FEATURES



Precision  
machined  
safety lock



Synchronized  
hydraulic cylinders  
system



Safety descending  
stop & alarm



Safety valve for  
anti-explosion of  
hydraulic system



Height limit switch

## U-D45

Double Level Platform Scissors Lift  
4.5T 380V 50HZ For Wheel Alignment



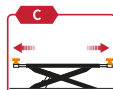
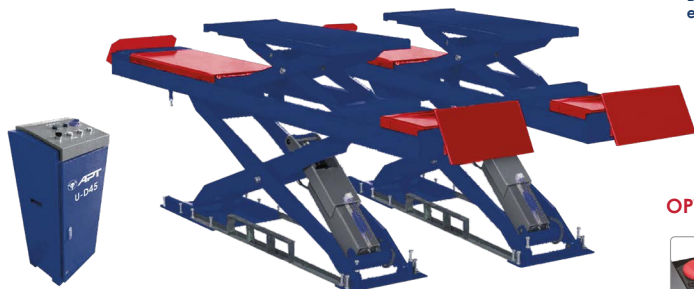
For Wheel  
Alignment



Pneumatic Lock  
Release



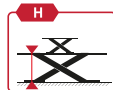
Electromagnetic  
Lowering



Double sided  
extendable



Position adjustable  
SUV adaptors



Heightened

### OPTIONAL



Position-adjustable  
turntable



Photoelectric switch

### FEATURES



Precision machined  
double sided safety  
teeth design



Safety descending  
stop & alarm



Safety valve for  
anti-explosion of  
hydraulic system



Height limit switch  
(jack)



Height limit switch  
(Main platform)



Abrasion resistant  
slip plates for 4  
wheel alignment

## PL-MT07

Motor Cycle Lift



Air Inlet  
1/4" NPT

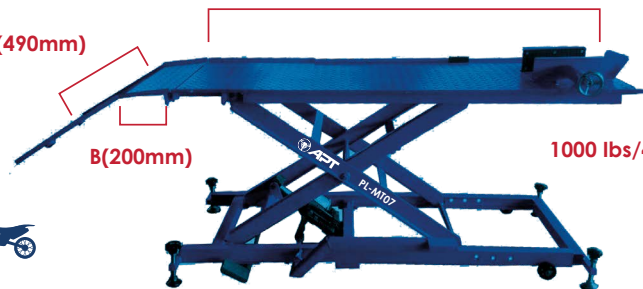
C(490mm)

A (1830mm)

B(200mm)

1000 lbs/454 kg

Applicable for:



# RECHARGING MACHINE

**AC636YF**  
Refrigerant Recovery  
Recharge Machines

## FEATURES



Database



R1234YF

## GENERAL INFORMATION



Suit for



Refrigerant: R1234YF

Mode: fully-automatic

Screen: 3.9" LCD

|  |                                    |                      |
|--|------------------------------------|----------------------|
|  | Recycling speed                    | 180~350 Gallons/min  |
|  | Recharge Speed                     | 800~1500 Gallons/min |
|  | Vacuum Speed                       | 90 L/min             |
|  | Refrigerant Tank Capacity          | 10L                  |
|  | Refrigerant electronic scale range | 0~60 kg              |
|  | Oil Bottle Capacity                | 300 ml               |
|  | Operating T °C                     | 5~50 °C              |
|  | Voltage                            | AC 220V 50Hz 1 phase |
|  | Max. Working Pressure              | 17.5bar              |
|  | Electronic Scale Precision         | ±5 gr                |



## AC626 A/C REFRIGERANT RECOVERY & RECHARGING MACHINE

### GENERAL INFORMATION



Suit for



Refrigerant: R134a

Mode: fully-automatic

Screen: 3.9" LCD

### FEATURES



Database



|  |                                    |                      |
|--|------------------------------------|----------------------|
|  | Recycling speed                    | 180~350 Gallons/min  |
|  | Recharge Speed                     | 800~1500 Gallons/min |
|  | Vacuum Speed                       | 60 L/min             |
|  | Refrigerant Tank Capacity          | 10L                  |
|  | Refrigerant electronic scale range | 0~60 kg              |
|  | Oil Bottle Capacity                | 300 ml               |
|  | Operating T °C                     | 5~50 °C              |
|  | Voltage                            | AC 220V 50Hz 1 phase |
|  | Max. Working Pressure              | 17.5bar              |
|  | Electronic Scale Precision         | ±5 gr                |

**R1234yf**

**R134a**

## GENERAL INFORMATION

-  Suit for     
-  Refrigerant: R1234yf / R134a
-  Mode: fully-automatic
-  Screen: 10" LCD

|                                                                                                                       |                                                            |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
|  Recycling speed                     | 180~350 Gallons/min(R134a)<br>180~420 Gallons/min(R1234yf) |
|  Recharge Speed                      | 60 L/min (R134a)<br>90 L/min (R1234yf)                     |
|  Vacuum Speed                        | 90 L/min                                                   |
|  Refrigerant Tank Capacity           | 10L                                                        |
|  Refrigerant electronic scale range | 0~60 kg                                                    |
|  Oil Bottle Capacity               | 250 ml                                                     |
|  Operating T °C                    | 0~60 °C                                                    |
|  Voltage                           | AC 220V 50Hz 1 phase                                       |
| Max. Working Pressure                                                                                                 | 17.5bar                                                    |
| Electronic Scale Precision                                                                                            | ±5 gr                                                      |

## Features



### External Drier Filter

This design simplifies daily maintenance and replacement of the filter.



### Eco-Friendly and Serviceable Pump Head

The external pump head allows easy oil level checks and refills, while the installed oil mist filter reduces air pollution.



### Non-Condensable Gas Discharge

Features a manual non-condensable gas discharge valve, effectively reducing refrigerant waste.



### Lighting Indicator

Dynamic lighting Indicator for different modes, provides clear and real-time feedback for users to monitor working status from a relatively long distance.

**Multilingual System**  
Support Chinese, English, Spanish,  
allows easily language switch.



**Adjustable  
Pipe Hanger**



**Moisture Indicator**  
For the operators  
to observe  
the water content  
in automotive  
refrigerant lines.



# NITROGEN INFLATORS

## HP-1345 NITROGEN MACHINE SEMI AUTOMATIC



|                          |                                 |
|--------------------------|---------------------------------|
| Power                    | 220V, 50/60 Hz                  |
| Nitrogen Purity          | 95~99%                          |
| Air Inlet Pressure       | 9~10bar (130~145psi)            |
| Air Compressor           | 5.5~7.5kw-10bar-1~1.5 m³/min    |
| Nitrogen Output Pressure | 1~6bar (15~87psi)               |
| Output Capacity          | 30~50L/min (7.9~13.2gal/min)    |
| N2 Tank Capacity         | Internal Tank 50L (13.2gal/min) |
| Package Size             | 620x445x1145 mm                 |
| N.W/G.W                  | 74kg/77kg                       |



### FEATURES

- Nitrogen generated through high quality filtration.
- Comes with 2 Hoses, Vacuum Generator and N2 Inflator.

## HP-2670A/EN NITROGEN MACHINE AUTOMATIC



|                          |                                 |
|--------------------------|---------------------------------|
| Power                    | 220V, 50/60 Hz                  |
| Nitrogen Purity          | 95~99%                          |
| Air Inlet Pressure       | 9~10bar (130~145psi)            |
| Air Compressor           | 5.5~7.5kw-10bar-1~1.5 m³/min    |
| Nitrogen Output Pressure | 1~6bar (15~87psi)               |
| Output Capacity          | 70~90L/min (13.2~18.5gal/min)   |
| N2 Tank Capacity         | Internal Tank 70L (18.5gal/min) |
| Package Size             | 730x530x1395 mm                 |
| N.W/G.W                  | 105kg/111kg                     |

**Functions:** STC mode/OPS mode/N2P mode/OPS+N2P / Manual and Automatic Alarm System

## HP-2690A/4FN NITROGEN MACHINE AUTOMATIC

# NITROGEN INFLATORS



|                          |                               |
|--------------------------|-------------------------------|
| Power                    | 220V, 50/60 Hz                |
| Nitrogen Purity          | 95~99%                        |
| Air Inlet Pressure       | 9~10bar (130~145psi)          |
| Air Compressor           | 5.5~7.5kw-10bar-1~1.5 m³/min  |
| Nitrogen Output Pressure | 1~6bar (15~87psi)             |
| Output Capacity          | 70~90L/min (18.5~23.8gal/min) |
| N2 Tank Capacity         | Internal Tank 90L (24gal/min) |
| Package Size             | 730x530x1395 mm               |
| N.W/G.W                  | 128kg/136kg                   |

**Functions:** STC mode/OPS mode/N2P mode/OPS+N2P / Manual and Automatic Alarm System

## YS-7700/ N1 NITROGEN INFLATOR



|                         |                                 |
|-------------------------|---------------------------------|
| Nitrogen purity         | 95~99%                          |
| Inlet Air pressure      | 10~9 bar / 145~130 psi          |
| Air compressor required | 7.5~5.5kw,10bar,1.5~1m³/min     |
| N2 output pressure      | 6~1bar,87~15psi                 |
| Output capacity         | 70~50L/min 18.5~13.2 gallon/min |
| N2 tank capacity        | 70L/18.5 gallon                 |



# TYRE INFLATORS

## HJ931B FULLY AUTOMATIC TYRE INFLATORS



|                        |                   |
|------------------------|-------------------|
| Voltage                | AC 220V           |
| Power                  | Watt 32           |
| Air Inlet Pressure     | 4-10bar/58-145Psi |
| Air Outlet Pressure    | 1-7bar/15-100Psi  |
| Max. Flow Rate         | 400L/min (10bar)  |
| Inflation Hoses Sizes  | Ø13x10m           |
| Inflation Hoses Number | 1                 |
| Size                   | L246xW90xH615mm   |
| Filter                 | max: 10 bar       |



LED (86×39mm)



Quick nozzle with  
excellent air-tightness  
Flow rate(400 L/min, 10bar)



High accuracy  
Inflation



Intelligent warning  
for false alarm



level of waterproof  
/dust-proof:IP54

## HJ951B FULLY AUTOMATIC TYRE INFLATORS



LCD (130×60mm)



Quick nozzle with  
excellent air-tightness  
Flow rate(400 L/min, 10bar)



High accuracy  
Inflation



Intelligent warning  
for false alarm



level of waterproof  
/dust-proof:IP54

|                        |                   |
|------------------------|-------------------|
| Voltage                | AC 220V           |
| Power                  | Watt 32           |
| Air Inlet Pressure     | 4-10bar/58-145Psi |
| Air Outlet Pressure    | 1-7bar/15-100Psi  |
| Max. Flow Rate         | 400L/min (10bar)  |
| Inflation Hoses Sizes  | Ø13x10m           |
| Inflation Hoses Number | 1                 |
| Size                   | L410xW78xH450mm   |
| Filter                 | max: 10 bar       |

## HJ 938

Fully Automatic  
Wall-Mounted Tyre Inflator

# AIR INFLATOR



- 9 - Wall-mounted
- 3 - Aluminum Control Panel
- 8 - Touchless Button
- D - For Truck & Bus



Hose (Standard)



|                       |                                               |
|-----------------------|-----------------------------------------------|
| Voltage               | AC 220V (Standard)                            |
| Power                 | <28 Watt                                      |
| Air Inlet Pressure    | 4 -10 bar / 58 -145 Psi                       |
| Air Outlet Pressure   | 1-5 bar / 15 - 72 Psi<br>1-7 bar / 15-100 Psi |
| Inflation Hoses Sizes | Ø 13 mm × 10m ×1                              |
| Size                  | L 330 × W230 × H105 mm                        |

Error Light

Over-pressure



Working Status

Inflation Pressure



Quick nozzle with  
excellent air-tightness  
Flow rate(400 L/min,10bar)



High accuracy  
Inflation



Intelligent warning  
for false alarm



level of waterproof  
/dust-proof:IP54

## HJ 828

Fully Automatic  
Classic Standing Inflator

|                       |                                               |
|-----------------------|-----------------------------------------------|
| Voltage               | AC 220V (Standard)                            |
| Power                 | <28 Watt                                      |
| Air Inlet Pressure    | 4 -10 bar / 58 -145 Psi                       |
| Air Outlet Pressure   | 1-5 bar / 15 - 72 Psi<br>1-7 bar / 15-100 Psi |
| Inflation Hoses Sizes | Ø 13 mm × 10m ×1                              |
| Size                  | L 330 × W230 × H105 mm                        |

Error Light

Over-pressure



Working Status

Inflation Pressure



Quick nozzle with  
excellent air-tightness  
Flow rate(400 L/min,10bar)



High accuracy  
Inflation



Intelligent warning  
for false alarm



Air Pressure Gauge

Air Pressure  
Gauge

Hose



8 - Floor-standing

2 - Plastic Control Panel

# OIL EXTRACTOR

## HD-2380 ELECTRIC OIL EXTRACTOR

|                           |                               |
|---------------------------|-------------------------------|
| Tank Capacity             | 80L                           |
| Power Supply              | AC 220V 50/60Hz 1 Phase       |
| Power                     | ≤370 Watt                     |
| Oil Ejection Pressure     | 0.5bar/7Psi                   |
| Oil T °C Range            | 40-60 °C                      |
| Suction Speed             | 1.5-2L/min 0.4-0.5Gallons/min |
| Modular Cylinder Capacity | 9L/2.4Gallons                 |
| N.W/G.W                   | 32/35 kg                      |
| Dimensions                | 500x400x1265 mm               |



## HC-2197 Pneumatic Oil Extractor Standard 21 Series

|                                                 |                           |
|-------------------------------------------------|---------------------------|
| Tank Capacity                                   | 70L                       |
| Air Inlet Pressure                              | 6-8 bar/87-116 Psi        |
| Air Inlet Connection                            | 1/4"                      |
| Vacuum Degree                                   | -1~0 bar                  |
| Air Pressure For Oil Discharge                  | 0.7-1 bar/10-15 Psi       |
| Oil T °C Range                                  | 40-60 °C                  |
| *Suction Speed(Probe Dia. Ø8 and Oil at 60 °C)* | 6.5 L/min 1.72 Gallon/min |
| Modular Cylinder Capacity                       | 9 L / 2.4 Gallon          |
| N.W/G.W                                         | 23 / 27.5 kg              |
| Dimensions                                      | 270x270x575 mm            |
| Collection Bowl Capacity                        | 16 L / 4.2 Gallon         |



## Rhine11

|                      |             |
|----------------------|-------------|
| Main Voltage(AC)V    | 1 PH 230    |
| Frequency(Hz)        | 50/60       |
| Charge Voltage(V)    | 6-12        |
| InputPower(Kw)       | 50          |
| Effective Current(A) | 4           |
| Average Current(A)   | 4           |
| InputPower(KW)       | 2.5         |
| Effective Current(A) | 2.5         |
| AverageCurrent(A)    | 7.5         |
| Dimension(mm)        | 190×115×185 |
| Weight (Kg)          | 1.8         |



## BoostStar BATTERY CHARGER AND BOOSTER

### BoostStar-320

|                      |             |
|----------------------|-------------|
| Main Voltage(AC)V    | 1 PH 230    |
| Frequency(Hz)        | 50/60       |
| Charge Voltage(V)    | 12-24       |
| InputPower(Kw)       | 0.8         |
| Effective Current(A) | 30          |
| Average Current(A)   | 30          |
| InputPower(KW)       | 6.4         |
| Effective Current(A) | 300         |
| AverageCurrent(A)    | 180         |
| Dimension(mm)        | 550×270×240 |
| Weight (kg)          | 16          |



# INJECTOR CLEANER MACHINE

**G6K**  
Fuel Injector Cleaner Tester

## Features



Ultrasonic  
Cleaning



Voltage Selection  
of Injectors



Fuel Injector  
Test



Portable  
Drawer



For Various  
Fuel Injectors



cylinder Design-6

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Power supply                     | AC 220 V $\pm 10\%$ F 50/60 Hz $\pm 0.5$ |
| Relative humidity                | < 85 %                                   |
| External magnetic field strength | < 400 A/m                                |
| Testing solvent tank capacity    | 1500 mL                                  |
| Test tube amount                 | 140 mL                                   |
| RPM range                        | 0-7500 r/min                             |
| Time range                       | 0-9900 Times                             |
| PWM pulse width                  | 0-20.0 ms                                |
| System pressure                  | 0-0.55 Mpa (Adjustable)                  |
| Timing                           | 0-20 min Adjustable                      |
| Ultrasonic cleaning power        | 60 W (intermittent work)                 |
| Ultrasonic cleaning frequency    | 28 KHz $\pm 0.5$ KHz                     |
| Weight                           | 16.8 Kg                                  |
| Dimensions                       | 430*430*425 mm                           |

## Fit for GDI Injectors



Oil receiving groove is convenient  
for collecting leaked test fluid

1L  
About

Ultrasonic  
cleaning tank



Capable for 6 injectors  
testing simultaneously

The position of the pressure  
gauge is easier to observe



**HP-6C**  
Fuel Injector Diagnoses  
and Cleaning Machine



|                              |                                       |
|------------------------------|---------------------------------------|
| Power supply                 | AC220V $\pm 10\%$ f 50/60HZ           |
| Environment temperature      | 5~40°C                                |
| Relative humidity            | <85%                                  |
| Magnetic intensity           | <400A/M                               |
| Ultrasonic power             | 100W                                  |
| Injector operating frequency | 0~7500 rpm variable in 50 rpm         |
| Injector pulse               | 0~9,900 pulses variable in 100 pulses |
| Spray time                   | 0~10Min                               |
| Pulse width                  | 0~20 ms in 0.1 ms increments          |
| System pressure              | 0~0.6MPA                              |
| Cylinder volume              | 140ml                                 |

# PLUS 100

Chassis suspension abnormal  
sound detection equipment

## DETECTION EQUIPMENT



### PRODUCT FEATURES

- 6-pole variable frequency motor, large output torque, built-in independent fan, good heat dissipation effect
- Industrial frequency converter: 0-200 times/minute range adjustable

### OPTIONAL



Angle-adjustable spotlight.  
Lighting can be adjusted at any  
angle accordingly.

Rotatable V-shaped weight-bearing disk.  
The front wheel can be rotated at any  
angle with the steering wheel.

|                        |                            |
|------------------------|----------------------------|
| Input voltage          | 220V/380V 50-60HZ          |
| Motor power            | 2.2KW (Variable frequency) |
| Frequency range        | 0-50Hz                     |
| Lifting height         | 20 mm                      |
| Movement frequency     | 200 Times/min.             |
| Load capacity          | 3T                         |
| Packing specifications | 1250×800×1200 mm 2Pcs      |
| Machine weight         | 60Kg                       |
| Packing weight         | 710Kg                      |



**TIRE POSITIONING  
PLATE**  
Hot-rolled steel,  
sturdy and durable



**CONTROL PANEL**  
Etching process, not  
easy to rust, elegant  
and beautiful



**STRESS RELIEVER**  
Aviation aluminum  
material, beautiful  
and durable



**ARMRESTS**  
Facilitate machine  
movement and  
improve work  
efficiency



**ADJUSTABLE FEET**  
High load-bearing  
capacity, stable  
machine



**UNIVERSAL CASTERS**  
Adjustable in any  
direction, labor-  
saving and  
convenient capacity,  
stable machine

# BODY REPAIR

## DW-SP8500 Dent Pulling Machine



Multifunction  
Puller



Spot Welding  
Puller



Claw Puller



Pneumatic  
Sucker



|                        |                    |
|------------------------|--------------------|
| Input Voltage          | 2 PH 380 V / 220 V |
| Frequency              | 50 Hz / 60 Hz      |
| Rated Power            | 3.5 KVA            |
| Floating Voltage       | 6-12 V             |
| Welding Current        | 200-8500 A         |
| Max. Output Power      | 20 KVA             |
| Duty Cycle             | 15 %               |
| Automatic Working Time | 0.1-2.5 s          |
| Weight                 | 53 Kg              |

## DW-SP3300AL Aluminium Pulling Machine



Screw Diameter  
Selection

Voltage  
Adjustment

Screw Material  
Selection

Memory Data  
Storage Selection

|                        |              |
|------------------------|--------------|
| Input Voltage          | 220V 50/60Hz |
| Max. Rated Input Power | 1.5 KVA      |
| No-load Voltage        | 20-150 VDC   |
| Fusing Current         | 15 A         |
| Welding Screws         | M4 - M6      |
| Welding Mode           | Spot welding |
| Weight                 | 19.3 Kg      |

## DW-SG-2D Short Wave Infrared

# BODY REPAIR



High load capacity casters with brakes to fix the working position avoiding the unexpected touch to the around cars or staffs caused by the unconscious movements of the lamps.



Unique electronic timer, digital control system for half-power or full-power optional; Each emitter can be independently controlled.



Adopted aluminum alloy cold extrusion processing molding for the lampshades with weather resistance, corrosion prevention, rust protection, anti sulphuric protection and surface treatment tinted.



Sino-foreign joint venture technology 21 inch halogen short-wave infrared lamp.



Made from 304 grade bright stainless steel reflectors, unique parabola design maximizing the heat energy gathered and reflected which highly increase the drying efficiency.

## DW-SG-6D Short Wave Infrared



Unique electronic timing function, an advanced digital control and display system, half-power and full-power operation design, packet control function for the lamps groups.



High load capacity casters with brakes to fix the working position avoiding the unexpected touch to the around cars or staffs caused by the unconscious movements of the lamps.



Sino-foreign joint venture technology 21 inch halogen short-wave infrared lamp.



Extrusion molded aluminum alloy stand column, convenient and beautiful. Gas shock strut is labor-saving, strong and durable. Independently control the height of the top and side, equipped with dedicated switch handle. Aluminum alloy handle with anti kid lines. Aluminum alloy connector by extrusion molded. Durable and beautiful handles.



# AFT

