



**AVS**<sup>®</sup>tools



**SOLUTIONS & SUPPORT**

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## Commercial Vehicle Service Equipments

### Truck Wheel Balancer



#### Features & Specifications

Max. wheel weight	150kg
Motor power	0.4kw/0.6kw
Power supply	220V/380V
Balancing accuracy	10g
Balancing speed	220r.p.m
Rim diameter	13"-24"
Rim width	1.5"-20"
Measuring time	8 sec.
Noise level	<70dB
Weight	270kg/320kg

### Truck Tyre Changer

#### Features & Specifications

Rim diameter	14" ~ 26"
Max wheel weight	500Kg
Max wheel diameter	1600mm
Max wheel width	780mm
Hydraulic pump motor	1.5KW 220V/380V-3Ph
Gearbox motor	1.8KW 220V/380V-3Ph
Bead breaker force	2500kg
Operation control voltage	24V N.W/G.W: 570kg/647kg



### Brake Line Riveting/Deriveting Machine



#### Features & Specifications

Riveting/De-riveting of brake lining
1 Mpa Heavy Duty Cylinder
Pneumatic Foot switch for easy operation
4 Set of Riveting / De-riveting Tools
Heavy Duty Metal Trolley
Rivets Aluminium/Copper/Brass
Inlet Air Pressure : 100 - 130 psi.
Rivet length Size : 6mm to 12mm

### Heavy Duty Gear Box Trolley



#### Features & Specifications

Minimum Height	: 150mm
Maximum	: 780mm
Top holding pivot tray	: 350 x 320mm
Four Sets of Gear	
Box Holding attachment	
Heavy Duty forged wheels	
Suitable for 1150, 750, ZF & ETAN Gear Boxes	

## Wheel Care Equipments

### 3D Wheel Alignment



#### Features & Specifications

Low maintenance & High Resolution Targets
Need no periodic calibration
Heavy Duty turn plates
Branded printer
Branded CPU System
19" (Optional 32") LCD Monitor
Intelligent LED Guide Display
Push Pull Run out
Computer Trolley (Optional)
Power : 220 V-AC 1 Phase
Can be used under Ambient Light/Sun Light
Optional : Rear Slip Plate

### Laser Wheel Alignment



#### Features & Specifications

Quick & easy alignment by viewing correct laser dot position on calibrated charts for a particular vehicle.
<b>Optional :</b> Windows based alignment software with report printout & vehicle alignment data storage.
<b>Optional :</b> portable wheel alignment

### Wheel Balancer



#### Features & Specifications

Digital LED Display	
Max Wheel Weight	70 kgs
Diameter	10"- 24 " inches
Power	220v 1 phase 50 hz
Maximum Wheel Width	1.5"-20" inches
Accuracy	+/- 1g
Balancing Speed	<190 r.p.m

### Tyre Changer

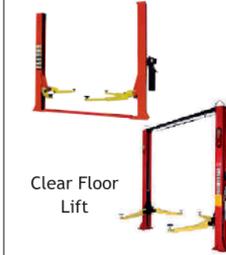


#### Features & Specifications

Outside Clamping Range	10 - 20
Inside Clamping Range	12 - 22
Maximum Tire Width	13 (330mm)
Maximum Tire Diameter	1,000 mm
Max. Bead Breaking Width	330 mm
Compressed Air Supply	8 - 10 Bar
Power Supply	220V A.C., 1Ph

## Wheel Care Service Equipments

### Two Post Lift



#### Features & Specifications

Dual Cylinder Electro Hydraulic Automatic Arm Restraints	
Lifting Capacity	: 4 Ton
Lifting Height	: 1800mm
Power Consumption	: 2.2KW
Power	: 440V. AC, 3 Ph. Optional 220V. AC. 1Ph.

### Car Washing Lift

#### Features & Specifications

Hard Chrome Piston Seal Based System	
Single Piston Hydraulic	
Lifting Capacity	: 4 Ton
Ramp Length	: 4270mm
Lifting Height	: 1500mm
Ramp Width	: 750mm
Compressed Air Input	: 130-170 psi



### Tyre Rest Platform

Heavy Duty MS Platform  
East to park on Platform



### Scissor Lift

#### Features & Specifications

Portable, no permanent installation  
For Vehicle Service & Washing  
Electro hydraulic Operation



#### TECHNICAL SPECIFICATION

Lifting Capacity	: 4 Ton
Maximum Lifting Height	: 1400mm
Lowest Height	: 180mm
Lifting Time	: 30 Sec
Power	: 2.2 Kw
	: 400V, 3 Phase
	: 220V, 1 Phase (Optional)

## Car Washing Equipments

### Car Washer



#### Features & Specifications

Triple Plunger	: Ceramic Piston
Maximum Pressure	: 400 psi
Maximum Flow	: 17 - 21 lpm
Power	: 220V A.C. 1 Ph. or 440V A.C. 3 Ph.
Power Consumption	: 2.2 KW (3HP)



#### Features & Specifications

Water flow	: 10-13 LPM
Pressure	: 120 Bar
Pump RPM	: 1450
Power / Volt	: 4 HP, 220 V, 50 Hz
Weight	: 27 Kg

Underbody Lance Foam Bottle

### Car Foam Washer



#### Features & Specifications

Foam Spray Nozzle	
Safety Valve	
Wheels for easy movement	
Tank Capacity	: 60 Litre
Air Pressure Input	: 35-45 psi
Optional	: Stainless Steel Tank

### Car Vacuum Cleaner

#### Features & Specification

Wet & dry vacuum cleaning	
Air Flow	: 215 / 430m3/h
Tank Capacity	: 60 / 70 Litre
Speed of Motor	: 1 & 2
Operating Voltage	: 220V A.C. 1 Ph.
Power Consumption	: 1400 / 2600 Watts



### Air Compressor



#### Features & Specifications

Double Stage Block
Automatic Start / Stop
Double Safety Valve
2HP to 10HP Branded Motor
Maximum Pressure 12 kg./cm <sup>2</sup>
Low noise and vibration levels
Heavy & Durable air reservoir
Optional : Starter

## Car Service Equipments

### Engine Scanner



#### Features & Specifications

Coloured Touch Screen  
Android Operating Platform  
Easy Upgrade of software  
Wireless Blue tooth Data Transfer

Can be used for  
Diesel injector coding  
Checking all vehicle sensors  
Key programing  
Viewing all current engine

### Fuel Injector Cleaner

#### Features & Specifications

Micro controller based system for petrol vehicles  
Facility to clean injectors on different RPM  
Static and dynamic flow test  
Universal Injector adopter  
Operating modes : clean, Measures & Leak Test  
Power 220V, A.C. 1 Ph. or External 12 V Battery



### AC Gas Recharging Machine

#### Features & Specifications

Refrigerant	: R134a
Operating mode	: Automatic
Car manufacturer recommed	: Yes
Refrigerant recovery	: Automatic
Recovery accuracy	: < 90 %
Oil recovery	: Automatic with time based
Vacuum	: Automatic
Leak test	: Automatic
Oil injection	: Automatic with time based
Refrigerant charge	: Automatic
Air purge system	: Manual
Manual operation valves	: Electronic Valve
HP & LP pressure gauge	: 100 mm
Display	: Monochrome Display
Refrigerant tank capacity	: 12 L
Oil tanks	: 2 x 250 ml
Power supply	: 230 50/60 Hz



## Car Service Equipments

### Air and Nitrogen Inflater



#### Features & Specifications

N2/Air Output Pressure : 0-150 Psi  
Nitrogen Storage Tank : 80 Litre  
Large Graphic Dual Display  
Long Life Capacitive Touch Key pad  
Nitrogen/Air Dual Filling Mode  
Pressure unit : psi/bar  
Nitrogen filling mode : auto inflate and re-inflate  
Counter for No of Tyre inflated : By Air/Nitrogen  
Sleek and Rugged Cabinet  
Switch Mode Power Supply  
Long Life Nitrogen Filter  
Easy to Install and Maintain  
Reliable Continue round the Clock Operation  
User Friendly, Fully Automated  
Beep Alert on Completion of Tyre Inflation /Deflation  
Heavy Duty Caster wheel for easy Movement  
Vehicle : Two Wheelers, Car & LCVs

#### Technical Specifications

Input Pressure : 7 to 13 Kg/Cm2 (100 to 180psi)  
Out Put Pressure : 0 to 10 Kg/Cm2 (0 to 145 psi)  
Nitrogen Purity : 95 - 99%  
Nitrogen Flow : 3 Cubic Meter / Hour  
Power : 220V A.C



Filter & Power Switch

### Automatic Tyre Inflator

#### Features & Specifications

Digital Display for Desired (SET Pressure) Actual tyre pressure  
Touch Keypad  
Backlit LCD Display  
Flat tyre key (For new tubes & flat tyres)

#### TECHNICAL SPECIFICATIONS

Range : 0-150 PSI (Accuracy + /1 PSI)  
Resolution : 1 PSI  
Supply Voltage : 230V. AC  
Switch mode power supply



Inbuilt Compressor Tyre Inflator



Tyre Inflator with Stand

## Tools & Accessories

### Heavy Duty CV Engine Crane



#### Features & Specifications

2 Ton Mechanical  
Heavy Duty Engine Crane  
Heavy Duty Gear Box  
Rugged Metal Structure

Features & Specifications  
1-2 Ton Hydraulic Engine Crane

### Metered Oil Dispenser



#### Features & Specifications

Flow Rate : 5 to 120 LPM  
Accuracy : +/-1%  
Repeatability : +/-0.30%  
Max Working Pressure : 150 PSI  
Max Resettable Batch Total : 99999 units  
Max Non Resettable Totalizer : 999999 units  
Least Count / Resolution : 0.001 units  
Input Hose to Pump : 6meter

### 5:1 Oil Pump



#### Features & Specifications

Air Inlet Connection : 1/4" NPT (F)  
Pump Outlet Connection : 1/2" NPT (F)  
Working Pressure : 60-150 PSI (4-10 BAR)  
Maximum Air Pressure : 150 PSI (10 BAR)  
Air Consumption : 270 lt/min (72 GPM)  
Discharge : 15 LPM (4 GPM)  
Maximum Viscosity of Oil : 140 SAE  
Noize Level : 85 db  
Input Hose to compressor: 2meter

### Engine Work Stand



### Tools Trolley



## Tools & Accessories



Pneumatic Tools & Accessories



Trolley Jack 3-20 Ton



Measuring Tools



Wheel Dolly for Trucks



Battery Charger 6-15Amp



Mechanic Creeper



Wheel Chocks



Hand Tools



6 Kg - 50 Kg Grease Gun

## Tools & Accessories



Safety Accessories



Barrel Trolley



Hub Lock Nut Opener & Puller



Axle & Chassis Stand

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