

AVS tools & Technologies

From Tools to Repairs:- Your Complete Workshop Partner



AVS tools



SOLUTIONS & SUPPORT



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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.
Optional : Windows based alignment software with report printout & vehicle alignment data storage.
Optional : 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

Servicing 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.

Clear Floor Lift

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

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

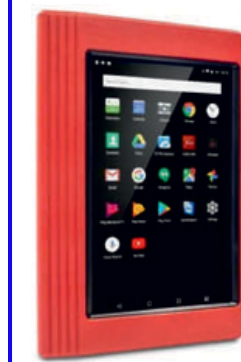


Features & Specifications

Double Stage Block
Automatic Start / Stop
Double Safety Valve
2HP to 10HP Branded Motor
Maximum Pressure 12 kg./cm²
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 programming
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 adpoter
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

Wheel Care 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	

Tools & Accessories

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

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



Smart Nitrogen Tyre Inflator

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	
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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



Wheel Dolly for Trucks



Mechanic Creeper



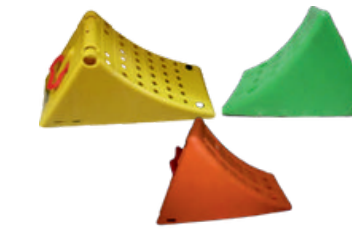
Hand Tools



Measuring Tools



Battery Charger 6-15Amp



Wheel Chocks



6 Kg - 50 Kg Grease Gun

Tools & Accessories



Safety Accessories



Hub Lock Nut Opener & Puller



Barrel Trolley



Axle & Chassis Stand

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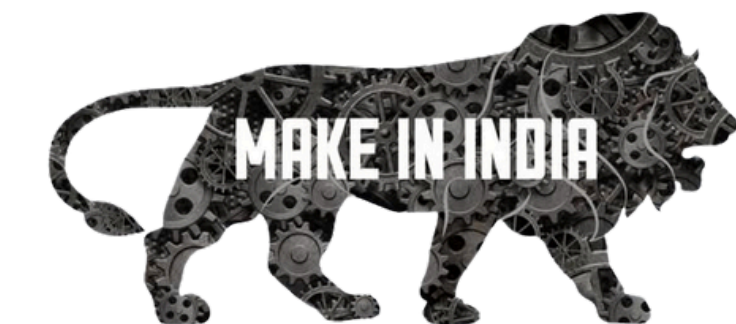
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