

**VISION -TO BUILD A STRONG FUTURE**



**ENIGMATUL<sup>®</sup>**

**THE MARK OF BEST POWER TOOLS**

*Complete Automotive Range of Automobiles Service Station Equipments for Hi-Tech Workshops*



[www.enigmatul.com](http://www.enigmatul.com)



**ENIGMATUL**, has been incorporated in the year 2012 with an objective of Design, Development, and Manufacturing of various Engineering Equipment, Specially Garage Equipment's and various kind of Hydraulic & Pneumatic Equipment's.

These are big words for a company that's yet small. But the world has proven time and again it's not size alone that matters. Those who seize an idea ahead of others will rapidly resize themselves and the rest.

### Quality Assurance

Four primary quality principals of Enigma-Tul is "Unremitting pursuit of zero-defect", "Product standardization", "On-time delivery" and "Market internationalization" Products made and sold by Enigma Tul as well as services provided by the company shall meet the expectations of customers through constant technology improvement and conform to the international standards.

"We have always known that we are manufacturing quality products by using sophisticate expert manufacturing know-how and being insistent in attaining every requirement of high quality."

### Customer Care

The meticulous customer service system of Enigma Tul three core businesses solves various problems in professional vibratory processing and also provides a complete quality guarantee to customers.

### Vertical Development

Facing a great global market competition, the company must set up a firm foundation before gaining the success. Enigma Tul is following a vertical development strategy to increase productivity, reduce production cost, and increase price competitiveness and market share by developing new production lines and manufacturing equipment and technology.

### Continuous Development

The popularization of the internet and smooth communication has opened a wide range of business opportunities. Maintaining a competitive advantage will be a main issue for every company to manage and that also makes Enigma Tul unique and carries the company forward as the world around it changes. Enigma Tul is continuing to invest in innovative manufacturing procedures and technologies as well as the new product research and development. The management team understands that these new technology and product development will be leading the markets in the very near future.

### Employee and Customer Recognition

The success of Enigma Tul comes from the great efforts of employees within the organization and the tremendous supports of customers. The company expects to continue to better reward this professionalism of employees by providing incentive programs, international travel opportunities and better growth in the future. And for rewarding all the royal customers, Enigma Tul plans to continue its dedication to high quality products, competitive price, punctual delivery and expert service. The company will constantly strive to be the best working partner and employer.



# Our Four Wheeler Service Tools & Equipments Product Range

## Hydro-Electric Four Post Lift

These lifts handle cars, vans, trucks – even light and medium duty commercial vehicles with ease. If you service a wide variety of vehicles, this four post auto lift is the right choice for maximum productivity.

Open-end design

Cylinder located under the runway

Dual function Sentinel Lock System

Air Filter/Regulator/Lubricator

Adjustable latch bars

Single piece non-welded runway with tracks for rolling jacks

### Specification

- Max. Wheelbase : 182"
- Rise Height : 78 3/4"
- Length Overall : 21' 1"
- Width Overall : 11' 8 1/2"
- Inside of Columns : 116 1/4"
- Between Front and Rear Columns : 194 3/4"
- Height of Columns : 9' 1 1/16"
- Width of Runways : 20"
- Height of Runways : 7"
- Width Between Runways : 43"
- Lifting Capacity :
- Motor : 2 HP
- Voltage Single Phase : 208v-230v



- Type of mounting : Surface mounted
- Lift Type : 4 Post
- Driver Type : Electro-hydraulic

### WARRANTY

Warranty on lift Structure  
3 year

Warranty on Hydraulic Cylinders  
/ Power Unit 3 year

## Hydro-Electric Two Post Lift (Clear Floor Type)

Electro-Hydraulic Two-Post Lift is a unique blend of utility and operational ease. It is powered by a hydraulic unit and consists of a roller structure made of oiled nylon. It also comprises of an additional safety rack for prevention against fall and this safety rack is actually a part of the steel ropes of the rack. The easy operative features and less maintenance requirements have made this device a dear to the automotive industry.

### Specification

- Lifting Capacity : 3.5 Ton
- Lift Height : 1700mm
- Rise Time : 50s
- Drop Time : 20s
- Power of Motor : 2.2KW
- Power Supply : 440v/220v
- Width of the Rack : 3260mm
- Height of the Rack - 2725mm
- Width between Pillars - 2728mm
- Net Weight - 550/600kg



**PRODUCT  
SPECIFICATION**

## Hydro-Electric Two Post Lift (For Short Height)

Electro-Hydraulic Two-Post Lift is a unique blend of utility and operational ease. New standard features such as: low profile 'drop-in' swivel pads, internal hose routing and rubber door guards. You don't have to sacrifice quality for an affordable lift. Low profile, 4Ton. capacity, symmetric two post lift with floor plate. Comes standard with heavy-duty leaf chain, steel pulleys and more.

### Specification

- Lifting Capacity : 4 Ton
- Over All Height : 2842mm
- Max Lift Height : 1828mm
- Width b/w Columns : 2804.16mm
- Rise Time : 50s
- Min. Pad Height : 101.6mm
- Drive Thru. Clearance : 2565.4mm
- Asymmetric / Symmetric : Symmetric
- Clear Floor / Floor Plate : Floor Plate
- Front Arm Reach : Min/Max 787.4 - 1143mm
- Rear Arm Reach : Min/Max 787.4 - 1143mm
- Max Load Per Arm : 1020 kg



- Cable Diameter : 3/8"
- Column Size : 7.25" x 10.87"
- Column Steel Thickness : 5mm
- Carriage Steel Thickness : 5mm
- Arm Steel Thickness : 6mm
- Power : 220V - 20 AMP - 1 PH

### WARRANTY

Warranty on lift Structure  
3 year  
Warranty on Hydraulic Cylinders  
/ Power Unit 3 year

## Hydro-Electric Wheel Alignment Dual Scissor Lift

Scissor on Scissor alignment lift is one of the productive equipment used across all wheel alignment shops and car showrooms. It features double lifting option to reduce efforts.

### Specification

- Lifting Capacity : 4 Ton
- Rise Time : 50s
- Drop Time : 45s
- Power of Motor : 2.2KW
- Power Supply : 380v/220v, 1/3phase
- Driven Type : Hydro-Electric
- Lift Height : 1850+420mm
- Lowest Height : 330mm
- Run Way Length : 4300mm
- Platform Width : 625mm
- Overall Width : 2130mm



2nd Scissor Lifting



Ramp



Long Platform



Turn Plate

### Features:

- In-ground mounting or surface mounting with the optional entering ramp.
- Adjustable turn plate position and sliding plate specially for 4 wheel Alignment purpose.
- Mechanical safety lock engaged automatically ,with pneumatic release when lowering.
- All pivot joints made with self-lubrication bushing ensure long service life.
- Lowering beeper as optional for CE standard.



## Hydro-Electric Scissor Lift

Capacity : 7 Ton.

This scissor offers an impressive 4902mm max wheel base. This configuration can handle vehicles with wheel bases as little as 2172mm to larger trucks and vehicles up to 5038mm. Scissor Lift open front and rear design creates space-saving working clearance through the entire middle of lift with open access points for easy movement – front, rear and side to side walk through – for accessing multi-bay projects and tool boxes.

- Intuitive Console Controls
- 1015mm Between Platforms for More Access
- True up and down movement saves bay space
- Recessed / Surface Mount Options
- Folding Ramps With Rear Wheel Chocks

### Specification:

- |                          |        |                             |                             |
|--------------------------|--------|-----------------------------|-----------------------------|
| • Capacity               | 6350kg | • Max. Two Wheel Alignment  | 4953mm                      |
| • Maximum Rise*          | 1848mm | • Max Four Wheel Alignment  | 4902mm                      |
| • Lowered Height         | 275mm  | • Min. Four Wheel Alignment | 2172mm                      |
| • Overall Length         | 7035mm | • Motor/Voltage             | 5 hp / 230 volt / Single Ph |
| • Overall Width          | 2310mm | • Time of Full Rise         | 77 seconds                  |
| • Runway Width           | 648mm  | • Lowering Time             | 47 seconds                  |
| • Width Between Platform | 1015mm | • Compressed Air Connection | 85-110 psi                  |
| • Runway Length          | 5486mm | • Recommended Bay Size      | 4.27m x 8.23m               |
| • Max. Wheelbase         | 5038mm |                             |                             |



## Rolling Lift For Body Shop

- Rolling Scissor lift is the lift platform that allows the user to move a raised vehicle with an exclusive system.
- Double-effect lifting process and four swivel wheels assembled to the table arms, the user can move the vehicle on the table at leisure to the four corners of the workshop.
- Operated by motorized power pack With solenoid switch, plunger pump, 2hp motor & pressure control valve .
- Lifting height - 990 mm
- Close height - 115 mm
- Capacity - 3Ton .
- Length - 1700 mm
- Width - 1000 mm
- Weight - 300 kg
- Wheel No. - 4 (8" Height)



### Low/High Raise Scissor Lift

Usage/Application for car washing & servicing

Maximum Load	2-4 tons
Body Material	Mild Steel
Type	Double Cylinder Hydraulic Lift
Lifting Capacity	1.5-4 Ton
Min Lift height	2 feet
Max Lift height	5 feet
No. of Guide Posts	2 Post
Maximum Rise	0-5 (m)
Number Of Vehicles 1	

#### **Features**

- Heavy duty long last for 10 years
- Maximum Speed 3 sec
- Dimensions of Platform 106X42X3 inches
- Warranty 12 months
- Locking System Automatic Lock
- Material Hard chrome piston
- Installation Provided Yes



### Hydro-Pneumatic Washing Hoist For Four Wheeler

- Capacity: 4 Ton.
- Plungers are of high grade steel manufactured to close tolerance with hard chrome plating for high wear resistance and good finish
- Outer cylinder coated with Fiber Reinforced Plastic protecting it against corrosion (optional)
- Uniquely designed wiper rings prevent entry of water and dust into the Hoist cylinder
- Gland rings used in the plungers are designed for enhanced performance
- Heavy duty rigid ramps accommodate a wide range of vehicles of varying size and type

#### **Specification:**

- No. of Posts : 1
- Plunger Diameter (M) : 270
- Lifting Height (mm) : 1500
- Ramp Length front (mm) : 3636
- Ramp Width (mm) : 700
- Oil fill Capacity (Ltrs) : 150
- Operating : 9-12/414-16Kg/cm<sup>2</sup>
- Standard Accessories : Ramp, Oil Tank, Sliding Support(4 nos). Air Control And oil Control Valve

**Best Use : Washing & Lubricating in Passenger/Light Commercial Vehicle**



## Hydro -Pneumatic Washing Hoist For Commercial Vehicle

This fully hydraulic lift with its different capacity, can handle all types of vehicles. These hydraulic lifts are operated with oil pressurized by compressed air. The plungers are made of high grade steel, ground to a close tolerance and hard chrome plated for high wear resistance and good surface finish. The gland rings used in the plunger are of a special design. The wiper rings prevents the entry of water and dirt particles into the hoist cylinder while raising, servicing and lowering. Plungers are made of high grade steel, ground to close tolerance and hard chrome plated for high wear resistance and excellent surface finish.

### Specification:

- No. of Posts : 2
- Capacity: 16 Ton
- Plunger Diameter (M) : 320
- Operating Pressure (Kg/cm<sup>2</sup>) : 12 to 16
- Lifting Height (mm) : 1525
- Ramp Length front (mm) : 4500
- Ramp Width (mm) : 820
- Oil fill Capacity (Ltrs) : 300
- Standard Accessories : Ramp, Oil Tank, Sliding Support(4 nos). Air Control And oil Control Valve



## 3D Wheel Alignment Machine

- Number of cameras : 4 cameras with electric motor drive
- Camera type : 5 MPix machine vision industrial cameras, RAW
- Mounting type : Floor-mount. T-shaped pillar
- Cabinet type : V-series
- Applicability : Lift or Pit
- Distance from cameras to the centre of front turn tables : 1200-2500mm
- Main advantages
- Does not need calibration and allows you to start working right after installation.
- 2 cameras with electric motor drive configuration allows using a lift throughout all its height





## Wheel Balancer -Digital

Wheel balancer is the perfect machine for the smaller workshop. It incorporates an easy to read digital display and allows the user to automatically input the rim data with the electronic measuring arm.

### Specification:

- Automatic measuring & input of rim diameter & offset
- Manual input of rim width
- Bright & easy to read digital display with built in control panel
- Automatic start of the machine by closing the wheel guard
- Automatic stop into the correct position for weight application
- Alloy programs
- Split weight program for concealed attachment of weights
- Durable weight tray with ample storage for wheel weights
- Accommodates rim width of 40 – 510 mm (1.5” – 20”)
- Accommodates rim diameter of 265 – 660 mm (10” – 26”)
- Optional PA-LCK light commercial centring cone kit also available
- Optional PA-PF810 motorcycle balancing adaptor kit also available



### Brake Pedal

- Accuracy Is Important, The 1200 includes a brake pedal which locks the wheel during weight placement.

### Electronic Measuring

- The 1200 has an electronic measuring arm which allows the operator to choose where the wheel weights will be attached. This arm also calculates the rim diameter and rim offset automatically.

## Tyre Changer (Light Duty )

- Operating Pressure 6-8 bar
- Motor Power 0.75kw
- Max Wheel Diameter 37 Inches (930 mm)
- Max Wheel Width 3 to 12 Inches
- Rim Clamping Inside 12 to 21 Inches (305mm- 533mm)
- Rim Clamping Outside 10 to 18 Inches (254 mm - 457 mm)
- Suitable for Car and LCV tyres
- Wheel Rim size 10” – 21” (76 mm - 305 mm)
- Bead breaker force 3000 kg
- Power Supply 220 - 380V AC, Single phase, 50Hz
- Power 1.0 HP
- Pneumatically operated twin cylinders for firm clamping
- Four Jaw self centring chuck
- Horizontal moving arm
- Alloy wheel plastic protector for jaws



## Tyre Changer (Heavy Duty)

- Automatic Tyre Changer for drop-centre and tubeless-tyre van, truck and bus wheels, and wheels with cylindrical rim with rim loop.
- Electro-hydraulic operation for superior torque and wheel holding power.
- Simple controls and position-able unit console lets the operator safely monitor the tire-changing process from the most advantageous angle.
- Hydraulic sled carriage for positioning, bead loosening, mounting and de-mounting procedures.
- Hydraulic power unit installed on the machine to take up less space.
- The new standby function assures the user considerable energy saving and lower power unit noise emissions.
- Overhanging mobile bead breaker disc mounted on self-lubricating bushings.
- The clamping chuck rotates in both direction. With pressure gauge for monitoring the hydraulic pressure.



### Specification:

- Rim Clamping Size : 14"~26"
- Max. Tyre Weight : 500kg
- Max. Wheel Width : 30-3/4"
- Max. Wheel Diameter : 63
- Operating Pressure : 8~10bar
- Bead breaking Force : 200 Lbs
- 220v / 60 hz / 1 ph

## Automatic Nitrogen Tyre Inflator

Nitrogen Generator that we manufacture, export and supply is applicable for vehicles like motorcycles, medium trucks and trucks. Our Nitrogen Generator for Truck is made using high-grade materials and known for its excellent functionality and longer operation life. Used for filling air or nitrogen, our Nitrogen Generator features two selectable modes; automatic and manual. It also features double filters for better purity.

### Vehicles Applicable

- Motorcycles, Cars, Vans, Mini-Buses & Light Trucks

### Specification:

- Weight 100-1000kg
- Voltage 220V
- Condition New
- Automatic Grade Fully Automatic
- Power 50 W
- Driven Type Electric
- Warranty 1year
- Accuracy 1%
- Nitrogen Purity 95-99%
- Input Air Pressure 8- 10 kg / cm
- Display Mode LED Display
- Power Supply AC220V 50HZ
- Built-In Nitrogen Storage Tank 85L
- High Pressure Air Charge Hose 10M



- Output Nitrogen Pressure 7 kg / cm
- Nitrogen Producing Speed 2000 - 4000 L/h
- Selectable Output Air or Nitrogen



## Vertical Telescopic Transmission Jack

This hydraulic jack is used for removing, installing and transporting auto parts. Its main use is for raising and lowering transmissions and gearboxes in both front and rear wheel drive vehicles. Suitable for cars, and small light commercials trucks.

This jack can also be used for raising and lowering petrol and fuel tanks, exhausts full and partial systems, rear axles, trans axles, sub-frames, steering racks and suspension components.

With 4 swivel castors and double handles, this jack is very easy to manoeuvre to the exact position required. The extra wide base gives the jack a high degree of stability.

### Specification:

Rated Capacity : 500kg  
 Min Height of Saddle: 1100mm  
 Max Height of Saddle : 1900mm  
 Dimensions :1120 x 230 x 280mm



(Optional Saddle)



## Dual Stage Vertical Telescopic Transmission Jack

Ideal for car and light commercial transmission removal and installation. Fully adjustable universal rotary saddle with adjustable corner brackets and safety chains. Foot operated pump and release valve leaves both hands free to manoeuvre transmission. Wide base with four 3" dia. swivel-type ball bearing castors providing stability and easy manoeuvring. Two-stage flash chromed rams inhibit rust from entering the hydraulic system. Lifts from 875 to 1800mm

### Specification:

- Rated Capacity : 500kg
- Min Height of Saddle: 875mm
- Max Height of Saddle : 1800mm
- Dimensions :1120 x 230 x 280mm
- Saddle Size...680x810mm
- Chain Length...95mm
- Saddle Tilt Forward...24"
- Saddle Tilt Back...19"
- Saddle Tilt Side...+/- 20"
- Saddle Return Weight...15.8kg (35lbs)
- Base...695 x 805mm
- Weight...68.5kg



## Hydraulic Zip Crane with Manual Pump

- Lift, lower and transport heavy items with minimal effort.
- Recommended for motors, compressors and transmissions.
- Used by mechanics, machine operators and for loads.
- Raise and lower the lever to raise your arm. Extends for greater range.
- Heavy duty chains for holding parts.
- Capacity 0.5- 2 Ton.
- Operated by Manual Hyd. Power Pack
- 4 swivel castors for smooth movement



## Engine Stand

It uses a heavy cantilevered support structure to hold the engine in midair. It is made of heavy duty all steel construction. And a reinforced steel neck provide ample strength and eliminate flexing. A wide base prevents tipping, rear swivel casters provide maneuverability and a 360 degree rotating mounting head provides easy access to any part of the engine.

- Heavy Duty Construction
- Sufficient Bearing Force
- Convenient Assemble/Disassemble
- Flexible Design
- Smooth Operation

## Engine Overhauling Trolley

- High-strength worm and worm gear mechanism enable the clamping parts rotate in any direction and self-locked at any angle to facilitate students' multi-angle observation.
- There is an oil pan at the bottom of the engine stand to facilitate the storage of small parts and collect the oil during disassembly and assembly.
- Affordable weight up to 1T.
- Steel painted pedestal with swivel castors for freedom movement.
- Engine clamping attachment different for different Engine model & customized accordingly to the requirement.



### Parts Washer/ Cleaner

- For cleaning the dismantled parts before assembly thru high pressure multi nozzles.
- Kerosene / Diesel used for parts cleaning .
- Multi jet system for spray & brush with built - in line for optimum cleaning.
- Multiple parts or normal size parts can easily wash in it.
- Kerosene / Diesel is recycled through special filtration system.

**Rs: 37,500/-**



**Rs: 80,500/-**

### Heavy Duty Car Washer

Used in various industrial and commercial sector, these products are easy to install and offer reliable performance. These machines are simple to maintain, high in performance, and ensure efficient cleaning of cars.

#### Specification:

- No. of Plungers : 1
- Working Pressure :25 Kg/cm<sup>2</sup>
- Displacement : 22 Lpm
- Number of Guns : 1
- Discharge per Gun : 13 Lpm
- Speed ( rpm) : 280
- Motor : 3 HP, 3ΦPhase
- Motor Speed (rpm) : 1440
- Tank Capacity (Ltr) : 300

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- Displacement : 22 Lpm
- Number of Guns : 1
- Discharge per Gun : 13 Lpm
- Speed ( rpm) : 280
- Motor : 2 HP, 1ΦPhase
- Motor Speed (rpm) : 1440
- Tank Capacity (Ltr) : 300



**Rs: 80,500/-**

**PRODUCT  
SPECIFICATION**

### Injector Cleaner Machine (Semi Automatic)

Injector Cleaner Semi Automatic can perform cleaning & testing of all type of top feed and side feed multipoint, mono/single point fuel injectors for all types of MPFI vehicles.

#### Features

- Clean
- Pulse Flow Test
- Drain
- Leak Test
- R.P.M. Test (500-9000)



### Injector Cleaner Machine (Fully Automatic)

Injector Cleaner Machine Fully Automatic can perform cleaning & testing of all type of top feed and side feed multipoint, mono/single point fuel injectors for all types of MPFI vehicles.

#### Features

- Clean
- Pulse Flow Test
- Drain
- Leak Test
- R.P.M. Test (500-9000)
- Open Flow Test
- Injector Coil Test
- Emergency Panel
- Solenoid Valve
- Pressure Regulator
- Hold
- Digital AC Voltage Display

### Electric Test Bench

Injector Cleaner Semi Automatic can perform cleaning & testing of all type of top feed and side feed multipoint, mono/single point fuel injectors for all types of MPFI vehicles.



### Wet/ Dry Vacuum Cleaner

Wet and dry vacuum cleaner with robust and corrosion resistant stainless steel container.

#### Specification:

- Voltage : 220-240 V/Single Phase
- Operation mode : Semi-Automatic
- Automation Grade : Semi-Automatic
- Phases: Single Phase
- Tank Material : Stainless steel
- Tank Capacity : 80 L
- Number Of Motors : 3
- Container Capacity : 80L
- Cable Length : 12 m



## Express Maintenance Trolley

- Improvement in Bay Productivity.
- Safe Working Condition & Reduction in Human Efforts.
- Wheel Dismantling & Assembling in Shortest Time.
- Ease in Operation thru Pneumatically operated Platform.
- Multiple Pneumatic Outlet for Operating Pneumatic Tools, Tyre In/Deflator, Air Below Gun.
- Provision to Keep Tyre to Improve The Efficiency By Reducing Technician Movement.

### Features

- Pneumatic Cylinder.
- Lock-able Drawers for Tools with Insert
- Up-Down Switch for Wheel
- Tyre Pressure Gauge
- Trolley Pushing Handle
- Castor Wheel
- Wheel Support Hook
- Wheel Support Roller
- Down Switch for Wheel
- Ratchet Wrench Holder
- Pneumatic Gun Holder
- Pu Coil Hose Holder
- FRL Unit
- Trolley Foot Brake
- QRC Point For Pneumatic Connection



Quick Service Tools Trolley is modified as per the customers requirements. We offer this product to the customers at reasonable price.

## Quick Service Tools Trolley

- In built Pneumatic Connections: It consist of four Pneumatic connections one each for Impact Wrench, Ratchet Wrench, Air Blow Gun & Tyre pressure Gauge.
- Revolving Base with Tyre stand: It comes with revolving base. The basic purpose of this feature is to make the reach of technician easy when working with dismantled tyre under the wheel of the vehicle.
- Light weight: The weight of Trolley is such that a technician can move it very easily with very less effort. This will reduce the fatigue of the technicians & time spends on the particular job.
- Different Slots for Tools: Pneumatic tools have designated space to keep that specific tool. This enhances not only the easy retrieval of tool while working on the job but also helps the technician to safe guard the tools.
- Accessible from all sides: Quick service trolley is accessible from all four sides making very easy for technician to reach out for specific tool.
- Cabinet top and bottom has a 6 mm durable rubber form insert mat attached.
- External locking system for security.
- Ball bearing drawer runners.
- 4 pieces, 4' casters and 220 lbs loading capacity for each caster.
- Powder coating to resist scratch.



### 4 Drawers Tools Trolley

- Robust Structure made of MS Sheet & MS pipe.
- The robust counter-top on the tool trolley will be a great spot to keep frequently-used tools within reach.
- All the drawers can be locked at once, which prevents them from opening accidentally when the trolley is moved around.
- Four sliding drawers to store and organize your tools.
- There is also a convenient side handle for pushing the trolley.
- Durable construction with 4 swivel castors (2 of them with brakes)
- Paint Powder Coated.
- Tool Inserts are provided with the fully loaded trolley with tools.



### 5 Drawers Tools Trolley

- Robust Structure made of MS Sheet & MS pipe.
- The robust counter-top on the tool trolley will be a great spot to keep frequently-used tools within reach.
- All the drawers can be locked at once, which prevents them from opening accidentally when the trolley is moved around.
- Five sliding drawers to store and organize your tools.
- There is also a convenient side handle for pushing the trolley.
- Durable construction with 4 swivel castors (2 of them with brakes)
- Paint Powder Coated.
- Tool Inserts are provided with the fully loaded trolley with tools.

### 7 Drawers Tools Trolley

- Robust Structure made of MS Sheet & MS pipe.
- The robust counter-top on the tool trolley will be a great spot to keep frequently-used tools within reach.
- All the drawers can be locked at once, which prevents them from opening accidentally when the trolley is moved around.
- Seven sliding drawers to store and organize your tools.
- There is also a convenient side handle for pushing the trolley.
- Durable construction with 4 swivel castors (2 of them with brakes)
- Paint Powder Coated.
- Tool Inserts are provided with the fully loaded trolley with tools.





### Multi Drawers Tools Trolley

- Robust Structure made of MS Sheet & MS pipe.
- The robust counter-top on the tool trolley will be a great sp to keep frequently-used tools within reach.
- All the drawers can be locked at once, which prevents the from opening accidentally when the trolley is moved around.
- Eleven sliding drawers to store and organize your tools.
- There is also a convenient side handle for pushing the trolley.
- Durable construction with 4 swivel castors (2 of them wi brakes)
- Paint Powder Coated.
- Tool Inserts are provided with the fully loaded trolley wi... tools.



### Pneumatic Tools Trolley

- Robust Structure made of MS Sheet & MS pipe.
- Stainless Steel counter-top tray on the tool trolley.
- All the drawers can be locked at once, which prevents them from opening accidentally when the trolley is moved around.
- Three sliding drawers to store and organize your tools.
- Durable construction with 4 swivel castors (2 of them with brakes)
- Quick repair through pneumatic system installed at all four corners for pneumatic nut runner, air gun, tyre in/ deflator ratchet or another tools etc (Oil Disposer, Magnetic Tray).
- Tool insert with tools.
- Paint Powder Coated.

### Parts Trolley

Mild steel construction makes this three shelf workshop tool trolley durable enough for moving tools and car parts. Easily handles loads up to 80kg. Solid rubber castors let you manoeuver the workshop trolley without marring the floor. Deep shelves give you plenty of storage for your tools and parts. This is the perfect heavy duty workshop trolley for garages, warehouses and workshops.

#### Features

- Three 100mm deep shelves for plenty of storage
- Non slip rubber tool tray liners
- Two swivel and two fixed 100mm smooth rolling composite rubber castors
- Tubular steel handle
- Overall Dimensions: 845(L) x 410(W) x 780(H)mm



**4 Drawers Tools Trolley with 55 pcs. Tool Kit (Tool List Attached Below)**



S. No	Description	size	Qty
1	D/E Spanner	6 to27	10
2	Ring spanner	6 to27	9
3	Allen Key	1.5 to 10	9
4	Nose Plier	170 mm	1
5	Screw Driver	828	1
6	Screw Driver	901	1
7	Screw Driver	904	1
8	Screw Driver	852	1
9	Goti 8mm	8	1
10	Goti 10mm	10	1
11	Goti 12 mm	12	1
12	Goti 13mm	13	1
13	Goti 14mm	14	1
14	Goti 17 mm	17	1
15	Goti 19mm	19	1
16	Goti 22mm	22	1
17	Goti 24mm	24	1
18	Oil Can		1
19	T- handle		1
20	T- handle		1
21	T- handle		1
22	Nylon Hammer	30 dia	1
23	Steel hammer with Handle	500	1
24	Water Pump Plier		1
25	Circlip Plier (inner)		1
26	Circlip Plier (outer)		1
27	Combinatiob Plier		1
28	Sliding T handle	1715	1
29	Extention	125mm	1
30	Plug Spanner	160mm	1
			55

**5 Drawers Tools Trolley with 70 pcs. Tool Kit (Tool List Attached Below)**



Sr. No.	Description	Qty			
1	Open Head Spanner	12	31	Magnetic Pick Tool	1
2	Ring Spanner	12	32	Chesel	1
3	Allen Key	10	33	Centre Punch	1
4	Nose Plier	1	34	Wire Striper	1
5	Screw Driver	1	35	Filler Gauge	1
6	Screw Driver	1	36	Diagonal Cutter	1
7	Screw Driver	1	37	Wire Brush	1
8	Screw Driver	1	38	Soft Brush	1
9	Socket 8 MM	1	39	Slide Wrench	1
10	Socket 10MM	1			70
11	Socket 12 MM	1			
12	Socket 13MM	1			
13	Socket 14MM	1			
14	Socket 17MM	1			
15	Socket 19MM	1			
16	Socket 22MM	1			
17	Socket 24MM	1			
18	OIL CAN	1			
19	T Goti	1			
20	T Goti	1			
21	T Goti	1			
22	Nylon Hammer	1			
23	Ball Peen Hammer	1			
24	WATER PUMP PLIER	1			
25	Circlip Plier (Inner)(ST)	1			
26	Circlip Plier (Outer)(ST)	1			
27	Combination Plier	1			
28	Sliding T Bar	1			
29	EXTENTION BAR	1			
30	SP-16	1			



**7 Drawers Tools Trolley with 158 pcs. Tool Kit (Tool List Attached Below)**



S.No.	Description	Size	Qty.
1	Combination Wrench	6 to 24 mm	12
2	Double Ring Wrench	6 to 22 mm	10
3	Heavy Duty Diagonal Cutting Pliers	7 inch	1
4	Combination Pliers	7 inch	1
5	Long Nose Pliers	7 inch	1
6	Bent Nose Pliers	7 inch	1
7	Slotted & Phillips Screwdriver Set	6.5x25,4x100, 5.5x100, 6.5x150, PH2x25, PH1x8 PH2x100, PH3x150	8
8	Adjustable Wrench	10 inch	1
9	Curved Jaw Locking Pliers	10 inch	1
10	Water Pump Plier	10 inch	1
11	1/4" DR. Socket & Ball Point Hex Key Wrench Set	1/4 inch drive	72
12	1/2" DR. Flank Socket Set	1/2 inch drive	25
13	Dead Blow Hammer	500 Gram	1
14	Engineers Hammer	300 Gram	1
15	Soft Grip Flat Chisel	19x200 & 25x220 mm	2
16	Soft Grip Chisel & Punch Set	10 pcs.	10
17	Deluxe Mini Hacksaw	6 inch	1
18	Heavy Duty Utility Knife With Spare Blade	6 inch	1
19	Scissor	8 inch	1
20	Measuring Tape	5 meter	1
21	Vernier Calliper	300 mm	1
22	Center Punch		1
23	Scriber		1
24	Steel Protector		1
25	Multi Purpose Electrician Scissor		1
26	Feeler Gauge		1
27	Screw Pitch Gauge	0.25- 6 mm	1
28	Steel Rule	300 mm	1
Total			160

**Mutli Drawers Tools Trolley with 172 pcs. Tool Kit (Tool List Attached Below)**

S.No.	Description	Size	Qty.
1	Combination Wrench	6 to 24 mm	12
2	Double Ring Wrench	6 to 22 mm	10
3	Heavy Duty Diagonal Cutting Pliers	7 inch	1
4	Combination Pliers	7 inch	1
5	Long Nose Pliers	7 inch	1
6	Bent Nose Pliers	7 inch	1
7	90° Retaining Ring Pliers (External Ring)	7 inch	1
8	Straight Retaining Ring Pliers (External Ring)	7 inch	1
9	90° Retaining Ring Pliers (Internal Ring)	7 inch	1
10	Straight Retaining Ring Pliers (Internal Ring)	7 inch	1
11	Slotted & Phillips Screwdriver Set	6.5x25,4x100, 5.5x100, 6.5x150, PH2x25, PH1x80, PH2x100, PH3x150	8
12	Adjustable Wrench	10 inch	1
13	Curved Jaw Locking Pliers	10 inch	1
14	Water Pump Plier	10 inch	1
15	1/4" DR. Socket & Ball Point Hex Key Wrench Set	1/4 inch drive	72
16	1/2" DR. Flank Socket Set	1/2 inch drive	25
17	Dead Blow Hammer	500 gram	1
18	Engineers Hammer	300 gram	1
19	Rubber Hammer	250 gram	1
20	Soft Grip Flat Chisel	19x200 & 25x220 mm	2
21	Soft Grip Chisel & Punch Set	10 pcs.	10
22	Deluxe Mini Hacksaw	6 inch	1
23	Heavy Duty Utility Knife With Spare Blade	6 inch	1
24	Scissor	8 inch	1
25	Measuring Tape	5 meter	1
26	Vernier Calliper	300 mm	1
27	Center Punch		1
28	Scriber		1
29	Steel Protector		1
30	Multi Purpose Electrician Scissor		1
31	Feeler Gauge		1
32	Screw Pitch Gauge	0.25- 6 mm	1
33	Steel Rule	300 mm	1
34	L-Type Two Way Ball Point & Hex Key Wrench Set	2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 7x20 8x265, 10x265	9
Total			174



### Laptop Trolley

- Robust Structure made of MS Sheet & MS pipe.
- Lock-able drawers for keeping safe Laptop/diagnostic tools.
- Store your laptops / diagnostic equipments securely and charge them at the same time using the integrated power supply, with internal sockets.
- There is also a convenient front handle for pushing the trolley.
- Durable construction with 4 swivel castors (2 of them with brakes)
- Paint Powder Coated



### Mobile Paper Masking Trolley For Paint Shop

- Mobile masking paper trolley, this great tool will not only dispense the masking paper it also allows the masking tape to be applied to the paper at the same time saving time and money. This setup also comes with a handy side tray for all those useful bits and pieces along with a full bottom tray for spare paper or other larger items. This dispenser will take two rolls of 450mm paper.

**Technical Information:**

- Features a side tray and larger storage tray underneath dispenser unit.
- Automatically applies adhesive tape to edges of masking paper.
- Papers and tapes not included.

**Note:** Papers and tapes not included with any dispenser/trolley

### Battery Charger Trolley

- Heavy Duty Mild steel construction makes this three shelf workshop battery charger trolley durable enough for moving one spot to other spot.
- Easily handles loads up to 60kg.
- Durable construction with 4 swivel castors (2 of them with brakes)
- Paint Powder Coated



### Portable Wheel Storage Rack

- Rack has four castors for easy manoeuvring.
- 2 wheels with brakes.
- Ideal for garage and car and motorcycle maintenance service.
- Structure made of M.S tube & M.S Sheet.
- Easy to assembling & dismantling.



### Wheel Storage Trolley for Service Bay

- Freestanding wheel storage trolley for all types of car wheels.
- Rack has four locking castors for easy manoeuvring.
- Eliminates tyre distortion due to loss of tyre pressure.
- Easy to assemble.
- Supplied with rim protecting supports.
- Maximum Rim Size: Ø225mm
- Maximum Weight Capacity: 100kg
- Wheel Capacity: 4

### Tyre Storage Rack

- Tire Storage Rack Tire Storage Rack is made of columns and beams. The columns are made of cold-rolled C steel, which is specially designed for the tires. Its is easy to disassemble and can be used to store various types of tires.
- Paint Powder Coated
- Design as per the customer requirement.



## MIG Welding Machine

- Inverter based GMAW outfit
- High efficiency and high power factor – resulting energy saving
- Auto “Weld Stop” when welding torch is taken away from weld job
- Compatible to Power Generator Supply
- Enhanced Reliability due to SMD technology
- Digital Panel for adjusting the welding parameters
- 30% more Energy efficient than conventional machines
- Maximum Power factor is 0.93
- Excellent dynamic response enables superior arc characteristics. 2T, 4T operating modes
- Electronic choke adjustment for better arc control
- Crater voltage and Crater current adjustment through digital panel
- Unique feature of Globule Detachment to stop formation of globules at the tip of wire at the end of welding



### Specification:

- Current : 300-400 A
- Capacity : 400A
- Phase : 3 Phase
- Technology : Inverter Bases
- Automatic Grade : Semi-Automatic
- Cooling Mode : Air Cooled
- Output Current : 300-400 A
- Wire Feed Speed : 20 m/min



## TIG Welding Machine

### Parameters

- Inverter technology : IGBT
- Input voltage : 110V/220V Dual Voltage
- Frequency : 50/60HZ
- Output current range : 10-180A
- Duty cycle : 60%
- Arcing way : High Frequency
- Base material : carbon stainless, low-alloy steel
- Plate Thickness : 0.38-0.6mm
- Welding process: TIG / ARC

### Features

- Adopt newly IGBT inverter technology, Compared to MOS Technology, greatly reduce breakdown
- Easy arc ignition, litter spattering, stable current and good shapig
- 200 amp IGBT Tig Stick Welder with tig torch, earth clamp, electrode holder and gas tube.
- TIG Welding thickness 0.3-5.0mm, and application of electrode diameter (MM): 2-3.2mm;
- Inverter frequency up to 100KHZ, the technology is mature, stable performance



## Handy Spot Welding Machine

- Portable spot welder. Ideal for bodywork on bodywork plate, max. 1.5.x.1.5 mm. With replaceable tips.
- Rated 120v 60 hz household current
- Welds stock to 1/8" Works on Mild, Galvanized or Stainless Steel Sheets
- Portable Air- cooled
- 6" Tongs lock firmly onto materials and Standard Tips
- Professional Grade Input 13.5 amps Quality Guaranteed



## Spot Welding Machine with Trolley

- Material : Steel
- Application : Automobile industry
- Welding Capacity on mild steel : 2mm
- Voltage : 230 Volt
- Frequency : 50 Hz
- Max absorbed power : 13kW

### Features

- Multi-operator welders
- Automated operation
- Ease of usage



## Plasma Cutter Machine

Air plasma cutting system line can be used anywhere 208- or 230-volt, single-phase, 60-Hz power is available.

- Produces 10- to 25-amp output and is rated at 25 amps at 90 volts, 35% duty cycle
- Touch Start system delivers reliable plasma arc initiation without high frequency
- Features continuous output control and rapid arc restrike capability
- Includes an integrated internal compressor, LC25 plasma cutting torch, water separator and air regulator and pressure gauge

## Dent Puller Machine

230V steel dent puller with 3800A output current, ideal for all steel straightening and dent pulling jobs. Simple to use thanks to its automatic gun and its user friendly control panel.

### User Friendly

Only 2 parameters to select- The output power level (amongst 11 levels)- The tool which is used (amongst 7 tools)-&gt; no need to select the welding current and welding time anymore. Automatic triggering The welding is triggered automatically by a simple contact between the tool and the part to straighten.

### Ready To Use

Earth cable 70 mm<sup>2</sup> (2m long cable) Multi function gun (2m, 70 mm<sup>2</sup> cable with connector) :

- inertia hammer
- dent pulling with stars
- welding of studs, rivets and rings
- contact shrinking, graphite pen 8 m long mains supply cable accessories box with consumables



## AC Gas Charging Machine

AC gas charging machine has various features such as high performance, energy-efficient, reliable, etc. That are responsible for its wide demand in the global markets. We can provide ac gas charging machine at market leading prices.

### Features

- Separate and drain a/c system oil
- Fast and convenient self-sealing connections
- Micro computer control the whole process
- Liquid crystal bright background display
- Automatic reminding of daily maintenance
- Automatic reminding of present operation state
- Automatic reminding of problem checking & alarming
- Electro-magnetic valve controls the injection of a/c system oil
- Recycle remaining refrigerant in the automobile air conditioner
- After treatment, the recycled refrigerant accords with sae standard
- Electro-magnetic valve design prevents damage from liquid flow
- Automatically remove the incondensable gases in refrigerant
- Electronic balance measures the recycled and recharged refrigerant during the whole process.



### Functioning

- Refrigerant recovery vacuums
- With oil charge/drain function
- Pressure/weight protection, safe operation
- Lcd display offer operation & service prompt
- Charge with high and low side gauge, cylinder gauge, etc.
- Precise weight scale to ensure precise recovery & charge

## Engine Decarbonizing Machine

Engine Decarbonizing Machine is a micro-controller based fully automatic machine. Engine decarbonizing machine can decarbonize any petrol/diesel engine of all types of vehicles.

### Features

### Benifits

- fuel saving up-to 15%
- restore power by 40%
- enhanced engine life
- pollution control up-to 50%
- smoother vibration free ride

- Different detachable adapters for connecting machine with vehicle make it much easier for operation.
- Digital timer is provided for easy operation / controls of machine.
- Machine can be operated either on 230 vac  $\pm$  10% or 12 vdc @ 10 amp. Battery supply.
- Heavy duty pressure regulator (italian) is provided to decarbonize vehicle at desired pressure.
- Heavy duty operating switches given for maintenance free operation.
- Quick release couplers (qrc) are provided at the end of connecting pipes to avoid chemical spillage.
- Machine will sounds up buzzer at the end of decarbonizing process
- Transparent oil level indicators available on each tank.
- Machine will stop pump in case of low chemical level for pump safety.





## Pneumatic Brake Bleeder

- Pneumatic brake bleeder kit quickly extracts and replace brake oil for cars and motorcycles.
- The bottom triangle pillar design is not easy to tilt, more need no converter.
- Add new oil to be replaced in the oil tank to open the valve (automatically replenish when the brake oil is insufficient).
- Brake oil change machine, environmental protection, convenient and fast, one person can operate.



## Electric Brake Bleeder

The electric brake bleeder is suitable for all types of vehicles that have brake systems. Incorporating the modern technology and features, the electric brake bleeder is high in demand in the industry.

### Features

- It can suck waste oil from brake oil filling cap
- There are separate tanks for waste oil and fresh oil
- Brake bleeding is done on a pressure of 1.5 bar (approx)
- Heavy duty italian pumps and regulators provided for fine operation
- Heavy duty castor wheels given for mobility

## Head Light Aligner

Headlight beam aligner is used for Aligning the Headlight Beams of Motorcycles, LCV's and Heavy Vehicle. It is the most versatile and at the same time the simplest one available in the market.

\* Accurate Headlight Alignment \* Easy to use \* Analog/Digital/Luxmeter

### Specification

- Column Height : 1413 mm
- Lens Diameter : 200 mm
- Leveling Of The HBT Optical visor with 3 wheels on base
- Indication Available Lux valves at 25m
- Dimension : 1535 H x 630 B x 630 L mm
- Measuring range Height : 240 - 1280 mm
- Power Supply : 9V



## Battery Tester

- 100 Amp load test – for 12V batteries .
- 50 Amp load test – for 6V batteries.
- Tests 6V and 12V batteries – up to 1,000 CCA.
- Tests charging system .
- Tests starter system .
- Top mounted rocker switch for easier operation.
- Heavy-duty clamps .
- Easy-to-read meter – accurate and shock resistant .
- Baked enamel, steel case ventilated to keep cool Carrying handle



### Multi Channel Heavy Duty Battery Charger

Digital Battery Charger, provided by us, can Charge 6 nos. batteries (Selectable) at a time. Our Digital Battery Charger has heavy duty selector switches for current and voltage selection. Digital Battery Charger, provided by us, comes with Indicator Portable Type Table top Model. Apart from that, our Digital Battery Charger has accurate Digital DC Ammeter of range 0-20Amps. Not just this, Digital Battery Charger that we offer has Heavy Duty ON/OFF Switch that makes it easy to use.



### Electric Brake Bleeder

- Compact, Light Weight and Portable Quick Battery
- Charger, Boost up & Quick charge run-down battery
- as well as provide normal charging for 2 batteries..
- Full Load Current : 30 Amps
- Output Voltage : 12 - 24 V
- Timer : 0 - 120 Min
- Protection :Circuit Breakers on A.C & D.C.
- Weight : 41 Kg.
- Dimensions : 40 x 26 x 86 cm

### Spark Plug Cleaner & Tester

- Structure made of resin moulded fiber canopy .
- SPCT has been designed to cleaning of spark plug & testing the same under the stimulated condition prevailing in internal combustion engines..
- Maximum pressure of 12kg/cm<sup>2</sup>.
- Minimum pressure of 7kg/cm<sup>2</sup> which is essential for cleaning plug .
- Electronics Vibrator : 220V /12V
- Input voltage : 220V, AC, 50 Hz
- Working Pressure : 5kgf/cm<sup>2</sup>-12kgf/cm<sup>2</sup>



### Electrician Tool Kit

This kit having all the necessary tools which have required by the technician at the time of servicing . Insulated tools are best option for electrical industries .



### Exhaust Gas Analyser - Kane Auto

Kane AUTOplus 5-2 Exhaust Gas Analyser measures five gases Carbon Monoxide, Carbon Dioxide, Hydrocarbons, Oxygen, NOx and Lambda. Portable and lightweight the handset can be held with one hand and improved battery life provides four hours of operation. Designed for emission diagnostics, tuning, pre-compliance testing and servicing. Suitable for use on Petrol/Gasoline, LPG, CNG and Diesel vehicles. Warm time is less than two minutes.

Supplied with multilingual software. The unit has a Monochrome QVGA Display, all parameters can be viewed simultaneously in real time detailed on separate lines. Data logging is included, up to 500 test can be stored. The mini USB port can be used for data transfer, Bluetooth connectivity facilitates wireless transmission to a PC or mobile device using Kane Live Software or the Kane Wireless Printer App. Readings can be sent by infra red to IRP-2 printer (optional extra). Pump speed can be adjusted to preserve battery life.

Kane Live software allows readings to be shown graphically and in real time, helping identify emission related faults. The user can devise their own graphs, download and save data and even toggle pump on and off.

Kit supplied with Auto Plus 5-2 Analyser, complete with water trap, protective rubber boot, high temperature exhaust Probe, AC and 12V chargers, spare filters, manual, carry case & IR communication (compatible printer extra), Bluetooth connectivity and Kane May calibration report.



#### Ranges

- CO 0-10%
- CO2 0-16%
- HC 0-5000ppm
- O2 0-21%
- N O X 0 - 5000ppm
- Lambda 0.8-1.2



**Measurement Data:** (Gases Measured)  
CO, HC, Co2, O2, No2, Lambda

#### Measurement Range:

- CO : 0-9.99 % vol
- HC : 0-15000 PPM
- Co<sub>2</sub> : 0-20 % Vol
- O<sub>2</sub> : 0-25 % Vol
- No<sub>2</sub> : 0-5000 PPM
- Engine RPM : 500-600 RPM
- Oil Temperature : 0-150 °C
- Lmbda : 0.2-2.000%

### Exhaust Gas Analyser - Mars

It is micro based high class-1 with imported SMPS power supply from USA. (ARAI Pune- Approved)

#### KEY FEATURES

1. LCD display
2. Micro controller based
3. Imported SMPS power supply
4. Corrosion resistant aluminum case
5. Sleek model
6. User friendly interface.
7. Meets indian M.O.R.TH. standards
8. Imported pump from U.K.
9. Futuristic up-gradable
10. Zero maintenance
11. Portable and easy to carry.

#### Technical Specifications:

- Operating System : PIC Micro Controller
- Display : LCD Display
- Interface : RS-232 & RS-485
- Power Supply : 220 V AC / 50Hz 12 V DC (Optional)
- Dimension : 450 X 320 X 120 mm
- Weight : 5 kg



### Multi Channel Heavy Duty Battery Charger

It is a micro-controller based High Class 1 equipment with imported SMPS power supply from U.S.A. (ARAI Pune- Approved)

#### Key Features

1. Sunlight Readable LCD Display
2. Micro Controller based
3. Imported SMPS Power Supply.
4. Corrosion Resistant Aluminium Case
5. Sleek Model
6. User Friendly Interface.
7. Meets Indian M.O.R.T.H. Standards
8. Imported Infrared Oil Temperature Sensor from France.
9. Futuristic Upgradable
10. Zero Maintenance
11. Portable and Easy to carry.
12. Power Supply delay switch on for safety

#### Technical Specification

- Operating System : 32 Bit Micro-controller
- Display : Sunlight Readable LCD Display for Both Remote and Main Unit.
- Smoke Cell Type : Folded Geometry, partial flow measurement.
- Remote Unit : Wireless Technology Range of 100 m distance and Wired Also
- Interface : USB
- Power Supply : 230 V AC, 50 Hz. from Taiwan  
Works on 12 Volts DC also with Optional Inverter.
- Dimensions : 470mm X 362mm X 175mm
- Warm Up Time : 60 secs Max
- Weight : 7Kg Approx
- Approval : ARAI Approved
- Printer : Inbuilt Serial Printer and External Serial printer (Optional)

#### Unique Features Of Mars Diesel Smoke Meter

1. 4 Type of RPM Measurement Systems. i.e Piezo, BATT, VIBRATION and OBD.
2. First Indigenous Smoke Meter in India with OBD which is a digital Vehicle interface and RPM and Oil Temperature read directly from the Vehicle.
3. First Indigenous Infrared Sensor Non Contact type Oil Temperature Measurement system.
4. Super range of Wireless Remote.
5. Remote Connection indication Supplied with Rechargeable Batteries.
6. Sunlight Readable LCD Displays for Good Visibility in the Daylight.
7. Earthing/Grounding Indication on the Smoke meter. [Improper Earthing gives improper values and damages the instrument)
8. Power On Delay Incorporated for Safety of the Smoke meter from power fluctuations and Generator glitches.
9. Compact Power Supply.
10. Aluminium Body for less weight
11. SMD Components for easy Servicing.
12. Remote Problem Debugging of the Smoke meter through Internet.
13. Auto Calibration Facility.



Measurement	Range	Resolution
• Capacity	: 0.0 - 99.9%	0.1 %
• K Value	: 0.00 -9.99 m <sup>21</sup>	0.01 m <sup>21</sup>
• Zero and Span Drift	: +- 0.1 m <sup>21</sup>	
• Linearity	: +- 0.1 m <sup>21</sup>	
• Repeatability	: +- 0.1 m <sup>21</sup>	
• Response Time -Physical	: <0:4 secs	
• Response Time -Electrical	: <0.001 secs	
• Warm Up time	: 60 Secs	

#### Engine RPM:

- a> Piezo Sensor : 400-9999 1 Rpm
- b> Battery Sensor : 400-9990 10 Rpm
- c> Vibration Sensor: 400-9999 1 Rpm
- d> OBD : 400-9999 1 Rpm



## Pilot Scanner

Pilot scan is brand new high-end intelligent diagnostic tool based on android 7.0 it carries on launch advantages in the vehicle diagnostic technology, such as abundant special function, professional test report etc. Also it adds the auto detect function to access the diagnostic in short time. Moreover, it support test report sharing by email and software updating via internet much more easily and timely. Besides, it has a GEAR+ future community function for notification of new promotions, new software availability and other information releasing.

### Vehicle Coverage:

Mahindra (India), Tata (India), Maruti (India), Honda, Hyundai, Toyota, Suzuki, Nissan, Ford, GM, Audi, Benz, Isuzu, Lancia, Mini, BMW, Fiat, Renault, Saab, Volvo, VW, Acura, Daewoo, Holden, Infinity, Kia, Lexus, Chrysler, Citroen, Daihatsu, Jaguar, Landrover, Mazda, Mitsubishi, Opel, Peugeot, Porsche, Seat, Skoda, Sprinter, USA Ford, Smart, Subaru.

### Features

- Support diagnostic feedback
- Support automatic VIN identification
- Support OBD full-function diagnosis
- Support one-click upgrade
- Cover more than 40 overseas mainstream vehicles
- Read DTC, clear DTC and read data stream of the vehicle full systems
- Automatic generation of diagnostic reports and sharing via emails to PC prints



### Common Special Function

- ABS Bleeding
- Oil lamp reset
- Brake pad reset
- Battery Matching
- DPF regeneration
- Steering angle reset



## Creader Professional 349

Launch Creader Professional 349 is the greatest choice for master technicians. It can comprehensively scan ECU modules and clear trouble codes, identify VINs automatically, upload and share diagnostic report. It also includes 15 special functions, which will definitely save repair time and cost, boost productivity.

### Vehicle Coverage:

Asia: Mahindra (India), Tata (India), Maruti (India), Honda, Hyundai, Toyota, Nissan, KIA, Mitsubishi and many more

Europe: Audi, BMW, Fiat, Skoda, Volvo, VW, Jaguar, Landrover, Benz, Renault and many more

American: Fiat, GM, Ford, Citroen and many more

Reset: Brake reset, Oil reset, SAS reset, Bat, Matching, Bleeding, Elec. Throttle Rlrn, DPF reg., Gear Learn, IMMO., Injector, TPMS reset, AFS reset, Gear Box learn, Sun roof, Sus. reset

### Diagnostic Function:

- Complete diagnostic of all systems with intelligent scanning and history functions
- Diagnostic trouble code searching and translating in the Internet directly from diagnostic menu
- Reading system information
- Reading error codes (DTC)
- Clearing error codes (DTC)
- Displays data as graphs
- View current data of vehicle



### X-431 ProGT

X-431ProGT V6.0 is the high-end diagnostic equipment newly launched by Launch India, integrating the launch excellent diagnostic technology and made improvements and innovations, it has deeply optimized the system layer, greatly improved the system response speed, and optimized the user experience.

#### Vehicle Coverage:

- Light Commercial Vehicle(12v): Ashok Leyland, Tata Motors, SML
- Isuzu, Force Motor, Mahindra
- Passenger Vehicle Asia: Mahindra (India), Tata(India), Maruti (India), Honda, Hyundai, Honda, Toyota, Nissan, KIA, Mitisubishi and many more.
- Europe: Audi, BMW, Fiat, Bentley, Seat, Skoda, Volvo, VW, Euroford, Astonmartin, Jaguar, Maserati, Lancia, Landrover, Lamborghini, Ferrari, Benz, Porsche, Renault and many more
- American: Fiat, GM, Jeep, Ford, Chevrolet, Holden, Buick, Lincoln and many more.
- Reset: Brake reset, oil rest, SAS reset, Bat. Rest, Bleeding, Elec. Throttle learn, DPF reg., Gear Learn, IMMO. , Injector, TPMS reset and many more

#### Diagnostic Functions

- Complete diagnostics of all systems with intelligent scanning and history functions
- Reading system information
- Reading error codes (DTC)
- Clearing error codes (DTC)
- View current data of vehicle
- Activation, adaptation, coding, etc.
- Displays data as graphs
- Diagnostic trouble code searching and translating in the Internet directly from diagnostic menu

#### Product Parameters

Operating System	Android 7.0	ROM	32 GB
Display	1280x800 IPS Technology	Size	300x170x42mm
Battery	6100mAh	CPU	1.5GHz Quad-core
RAM	2GB	Kickstand	Available
Wireless VCI connection	Bluetooth	Internet Connection	Wi-Fi
Connector storage	Push-Push Design	Accessory Port	DC Charging Port

#### Complete Set

- Specialized tablet X431ProGT V6.0
- Envelope with password Safety protector case
- Diagnostic connector DBS car IV
- Extension cable OBD II
- Power adapter
- Adapter set for older cars
- Carrying case

**Note:** Bs6 And Urea Test (dpf Reg.) Available In This Software



#### Common Special Function

- Intelligent Diagnosis: Identify the car model by VIN scanning and check historical maintenance and diagnostic record online
- Special function: Support 11 special functions including OIL Reset,
- Throttle adaptation, Steering angle reset and many more
- Wide car model coverage: Support most of the car from ASIA, Europe and America



## Paint Booth & Its Accessories

Spray booth comes out as it is seasoned with spraying for whole surface of modern automobiles, part repair and baking which can provide operation room of cleanness, sanitation for below tasks. The whole set equipment has the function of ventilation, air purge, drying, disposing exhaust gas and so on which meets basic requests of auto surface disposal. The equipment is made up of room body, lighting unit, intake and exhaust air system, heating system, air purge system, exhaust gas disposal system and control system.

- During painting, spray booth can offer a sealed environment with cleanness, safety and excellent lighting for the painting operation of all kind of components and different products.
- During baking, drying time, temperature and humidity in spray booth can be set according to different paint materials to achieve a perfect high-quality spraying and baking for your cars.
- Spray booth makes spraying and baking operation with no limits of all kinds of whether, thus ensuring physical fitness of operators and absolute safety of equipments.



### Conveying & Storage

As spray booth are in big size, they're conveyed in bulk while loading and unloading. The parts in frame should be loaded and unloaded by fork vehicles while the small parts are conveyed by manpower. Be noticed to make sure that the parts are not damaged and dilapidated in the loading and unloading process. The finished parts of spray booth are usually stored in the finished products warehouse, and marked on the outside packages for checking before delivery. After being sent to the destination, all the parts should not be put in the open air but in store house to prevent from rusting and oxidized by the moisture.

### Accessories



Spray Gun  
Gravity



Spray Gun  
Cleaning Kit



Air Blow  
Gun



Double Action  
Sander



High Speed  
Sander



Pneumatic  
Polisher



Vertical Sander  
7 inch



### Heavy Duty Work Bench With BenchVice

- Robust Structure made of MS Sheet & MS pipe.
- Top Surface covered with High Quality Rubber mat.
- Suitable for all kind of bench vice work.
- Two persons simultaneous work on this work bench with different job.
- Paint Powder Coated.



### Work Bench with Bench Vice & Tools Drawer

- Robust Structure made of MS Sheet & MS pipe.
- Top surface covered with high quality rubber sheet.
- Bench vice installed right side for cutting & dismantling small parts.
- Bottom rack is used for placing big dismantled parts or other accessories.
- Two sliding drawers to store and organize tools your tools.
- Rubber boot are provided in all legs of work bench.
- Aluminum Chanel are provided on the top & bottom edge surface of the work bench.
- Paint Powder Coated.



### S.S Top Work Bench With Bench Vice

- Robust Structure made of MS Sheet & MS pipe.
- Stainless steal top surface.
- Bench vice installed right side for cutting & dismantling small parts.
- Bottom rack is used for placing big dismantled parts or other accessories like grease, oil etc.
- Single lock-able Cabinet is provided to store tools & personal belongings.
- Rubber boot are provided in all legs of work bench.
- Paint Powder Coated.



### Mechanic Stool

- Robust Structure made of MS Sheet.
- Lenient seat covered with rexine material.
- Spl. design drawers for keeping tools.
- Bottom tray with 100 mm depth for keeping serviceable items.
- Paint Powder Coated.



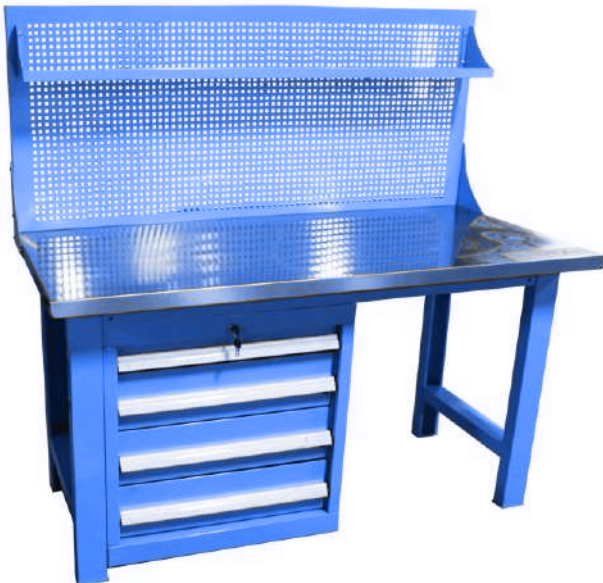


### Heavy Duty Engine Table with Height Adjustable Mechanism

- Heavy Duty Working Table with Drawer and Wall Storage Cabinet
- Cold rolled steel plate
- Organized modular combination
- Powder coating to resist scratch and solvent markings
- Static loading of 1000 kg
- Sturdy structure design
- Height of the table is adjustable
- High quality PVC work-top

#### **Technical Data**

- Dimension for Working Table : W1565 x D766 x H800mm
- Dimension for 3 Drawer add-on chest :W667 x D313 x H270mm
- Dimension for 5 Drawer Trolley W569 x D340 x H769mm
- Dimension for Wall Storage Cabinet W1565 x D203 x H603mm



### S.S Top Engine Table with Spl. Tool Board

- Heavy Duty Working Table with tools Drawer.
- Powder coating to resist scratch and solvent markings
- Four sliding drawers to store and organize tools your tools.
- Central Locking mechanism for keeping tools & other belongings safe.
- Tool board for hanging tools and other accessories like gas kit etc.
- Static loading of 1000 kg
- Sturdy structure design
- High quality S.S work-top
- Tools inert are provided with Tools
- Paint powder coated.

### Heavy Duty Engine Table With Spl. Service Tools Board

- Heavy Duty Working Table with tools Drawer.
- Powder coating to resist scratch and solvent markings
- Five sliding drawers & two cabinet to store and organize tools your tools.
- Tool board for hanging spl. tools and other accessories like gas kit, torque wrench etc.
- Drawers Lock mechanism for keeping tools & other belongings safe.
- Static loading of 1000 kg
- Sturdy structure design
- High quality rubber work-top
- Rubber boot are provided in all legs of work bench.
- Insert are provided with tools.
- Paint powder coated.



### Special Service Tools Board

Perfect for storing your tools safely and efficiently. Perforated panels offer easy access to your whole collection as well as a clear visual reference to help you keep your inventory together and identify missing tools on Tool Board. These are available with wide range of accessories to store different types of tools on tool board.  
 Size : 1200 X 700 X 50 mm  
 No. of Hook : 40 pcs.

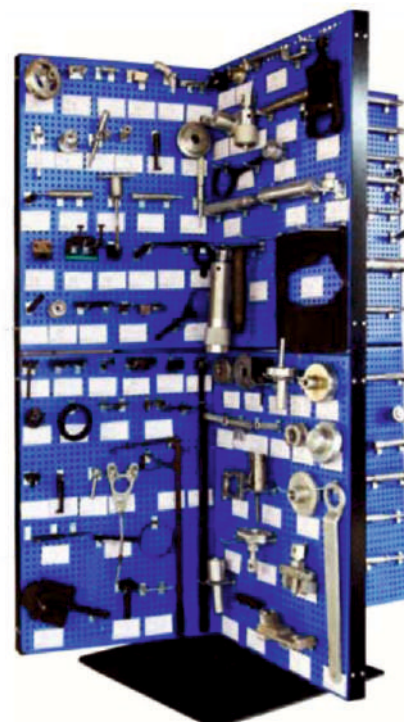


### Special Service Tools Board Shutter Type

The cabinet housing is manufactured from perforated steel with a lockable impact resistant plastic roller door.

### 360 Degree Revolving Type Special Tools Board

360 degree revolving type structure provided with 4 vertical platforms on each wall. The wall is made of perforated sheet with the provision of mounting detachable hooks. This complete structure is supported on a vertical tube with thrust bearing at the base, which gives 360 degree revolving movement to the vertical. Each platform can accommodate approximately 20-30 tools (Tool count may defer with sizes) and therefore one entire tool board can accommodate around 325-350 tools. The detachable hook & plastic bins are provided for mounting the special tools on the platforms.



**Hook Size**  
 2 inch  
 4 inch  
 6 inch

**PRODUCT SPECIFICATION**

### Hydraulic Floor Jack 3 Ton

- Ideal for car, truck repair and tire change and garage use.
- Bypass device protects against over-pumping for safer operation.
- Built-in safety valve provides overload protection.
- Heavy-duty steel construction provides long term durability.
- Large steel caster and swivel casters for easy maneuverability.
- Light weight for easy mobility and transport.
- All welded steel frame construction with cast iron support arms with rust resistant finish for long tool life.



### Hydraulic Floor Jack 5 Ton

- Hydraulic floor jack is ideal for lifting heavy trucks, buses, agriculture and construction equipment.
- Long frame extends past the overhang of commercial vehicles; Foot pedal control provides quick set-up and rise
- Features a 5 ton (10,000 lb) capacity and a lift range between 5-15/16" to 22"; Wide stance provides added stability under load
- Equipped with (2) large steel casters and (2) 360-degree swivel casters for smooth maneuverability.



### Air Operated Hydraulic Lifting Jack 25 Ton

- Minimum height of 180mm
- Designed for heavy-duty, intensive commercial use.
- Hard chromium plated piston rod for long life.
- Built-in safety overload valve.
- Hand-operated dead-man's control for optimum safety whilst lifting and lowering.
- Ergonomic Handle with push buttons.
- Supplied with 2 extensions as standard (50/100mm)

#### **Specifications**

- Minimum Height (mm) : 180
- Weight (kg) : 60
- Frame Length (mm) : 770
- Handle Length (mm) : 1160
- Width (mm) : 160
- Capacity (kg) First Stage : 25,000
- Capacity (kg) Second Stage : 10,000
- Max Height (mm) First Stage : 275
- Max Height (mm) Second Stage : 380
- Width with Wheels (mm) : 305
- Air Supply : 9 – 12 Bar
- Air Consumption (l/min) : 350



### **Crocodile Jack / Gear Box Jack**

- Assist in removal and installation of engine and gear box.
- Capacity: 0.5 Ton
- To carry engine/gear box from one place to another.
- Manually Screw type operated with four castor wheels for ease in movement.
- High functionality
- Precisely engineered
- Compact design
- Optimal performance



### **Engine / Gear Box Trolley**

This 500kg Engine/Gear Box Trolley is suitable for raising heavy loads by the use of hydraulics. Lifter Trolleys are the safe and versatile way to transport Engine/ Gear Box inside the working Area.

- Assist in removal and installation of engine and gear box.
- Capacity : 0.5 Ton
- To carry engine/gear box from one place to another.
- Manually Hydraulic operated with four castor wheels for ease in movement.
- Precisely engineered
- Compact design

### **Hand Pallet Truck**

Hydraulic hand Pallet Truck / Jacks are the used to move heavy or light pallets within a warehouse moving ranges from 2 Ton to 5 Ton. We have Different models available according to the customer requirement.

- Hand Pallet Truck – 2 Ton
- Technical Specification :
- Load Capacity – 2000Kg
- Width – 550mm
- Fork Length – 1150mm
- Max Lifting Height – 200mm
- Min Lifting Height – 75mm
- Steering Wheel Diameter – 180 x 50mm
- Hydraulic system – DF
- Wheels – Nylon
- Weight – 55kg



### Hydraulic Press

Ideal for pressing, bending and extruding. Built for tough daily use in industrial and automotive workshops. Manufactured welded steel frame with two end braces for stability and a fully adjustable work bed providing flexibility and convenience. Fitted with a attachable manual hydraulic power pack.

#### **Features**

- Capacity: 15 Tonne.
- Ram stroke: 150mm.
- Extension screw: 60mm.
- Max height of ram to table: 300mm.
- Min height of ram to table: 90mm
- Table aperture: 140mm.
- Working table width: 360mm.
- Overall height: 895mm.
- Hydraulic gauge included: Yes



### Arbor Press 1 Ton

This handsomely-cast arbor press takes the effort out of stamping, seating and removing bearings and other operations that require simple, well-controlled mechanical pressure. Easy-to-use bench mount design. Capacity :1 ton

### Go Jack

With wheel positioning brakes, strong body, easy use, using 4 positioners, one for every wheel, allows to move the car in small spaces, in all directions

- Capacity: 680 kg
- Lateral stroke: 370 mm
- Working range: 710 - 340 mm
- Max tire width: 325 mm
- Overall dimensions: 730 x 468 x 440h mm



### Tripod Stand

- Portable and easy to use.
- Heavy duty iron ensures its durable use.
- Provides maximum support and stability for changing tyres.
- Suitable for car & Light Commercial Vehicle.
- Capacity 3 Ton



### Bottle Jack 5 Ton

This 5 ton hydraulic bottle jack's steel hardened rams allow for longer travel. Heat treated saddle provides generous lifting area and secure grip. The jack has a large cast iron base with a steel cylinder housing and a saddle with adjustable notches. Equipped with overload protection valve.



**Pneumatic Hanger Wall Mounted/ Roof Mounted**

- Structure made of M.S frame.
- Inbuilt 2 nos. pneumatic hose reel for nut runner & air blow gun.
- Inbuilt FRL for removing moisture & set the Air pressure.
- 5 to 10 meters pneumatic hose reel used as per requirements.
- Paint Powder Coating.



**Pneumatic Hanger Swirl Type 180 Degree Movable**

- Structure made of M.S frame.
- Inbuilt pneumatic line for nut runner & air blow gun.
- Inbuilt FRL for removing moisture & set the Air pressure.
- Horizontal 180degree rotation.
- Pneumatic coil hose 5 to 10 meters used as per customers requirement.
- Paint powder coating.

**High Pressure Aluminum Pneumatic Hanger**

Gives modernized looks with advance technology hassle free installation with proper utilization of space, leak & moisture free system with sliding hose pipe for quick service at bays. This pneumatic hanger can configured/ install wall or roof both.



**1 " Pneumatic Tools & its Accessories**



Pneumatic Nut Runner



PU Coil Hose



Socket Set



FRL Unit



Spring Balancer



Pnu. Hose Reel



Hand Gloves



Air Blow Gun

**1/2 " Pneumatic Tools & its Accessories**



Pnu. Nut Runner



Pnu. Ratchet



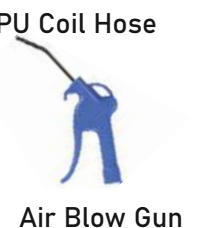
PU Coil Hose



Pnu. Hose Reel



FRL Unit



Air Blow Gun



### Digital Tyre Pressure Gauge Manual Operated

- Tyre Gauges Charge and Test Car Tire Pressure Gauge Pneumatic Gun Tire Tyre Pressure Gun Tire Pressure Gauge.
- Manual Operated.
- Dial shown the reading during inflation



### Digital Tyre Pressure Gauge

- Designed for petrol pumps and service centres
- Easy to read digital display.
- Long lasting LED light for night use.
- Powerful & Compact.
- Preset mode facility option available.
- Easy to assemble or dismantle.

### Digital Tyre Inflator/ Deflator

- Application : Tyre Inflating
- Weight : 2-5kg
- Voltage : 220V
- Display Type : Digital
- Driven Type : Electric
- Pressure : 0-150PSI
- Max Pressure : 10Bar

#### Technical Specifications :

- Designed for petrol pumps and service centres
- Extremely rugged and reliable design
- Large backlit 1" Dual LED Display
- Soft touch membrane keypad
- Automatic Tyre detection
- Automatic filling speed adjustment using intelligent software ensures fast inflation
- Safe with self diagnostics and always confirms a high set point to avoid wrong set point entry



### Air Compressor (2HP)

- Single staged air cooled industrial air compressor to operate pneu. tools , pneu. lift and compressed air for cleaning purpose .
- The air compressor equipped with unique safety feature of auto-cut system which saves the power also, suction air filter, electric motor ,safety valve , belt.
- Efficient cooling system with deep finned cylinders and inter stage/after stage cooler.
- Single phase, 2 HP & 160 ltrs. tank capacity.



### Air Compressor (3HP)

- Two staged air cooled industrial air compressor to operate pneu. tools , pneu. lift and compressed air for cleaning purpose .
- The air compressor equipped with unique safety feature of auto-cut system which saves the power also, suction air filter, electric motor ,safety valve , belt.
- Efficient cooling system with deep finned cylinders and inter stage/after stage cooler.
- Sealed safety valves for operational safety
- No of Cylinders 2
- 3 Phase, 3 Hp & 250 ltrs. tank capacity.



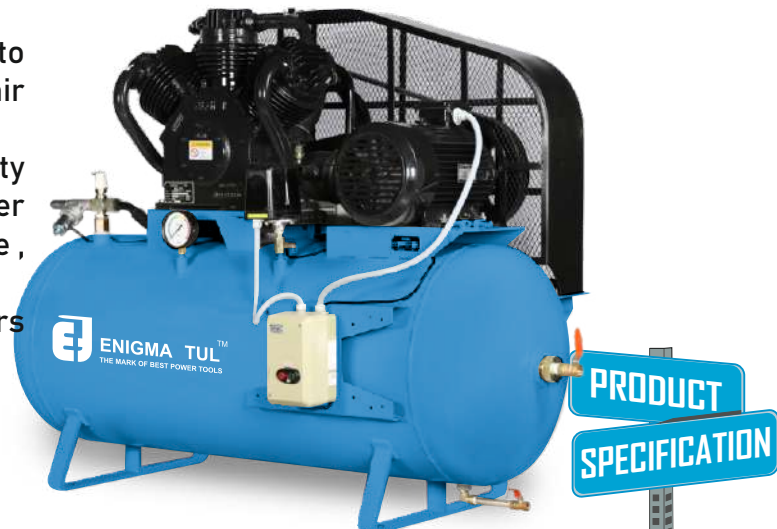
### Air Compressor (5HP)

- Two staged air cooled industrial air compressor to operate pneu. tools , pneu. lift and compressed air for cleaning purpose .
- The air compressor equipped with unique safety feature of auto-cut system which saves the power also, suction air filter, electric motor ,safety valve , belt.
- Efficient cooling system with deep finned cylinders and inter stage/after stage cooler.
- Sealed safety valves for operational safety
- No of Cylinders 3
- 3 Phase, 5 Hp & 500 ltrs. tank capacity.



### Air Compressor (10HP)

- Two staged air cooled industrial air compressor to operate pneu. tools , pneu. lift and compressed air for cleaning purpose .
- The air compressor equipped with unique safety feature of auto-cut system which saves the power also, suction air filter, electric motor ,safety valve , belt.
- Efficient cooling system with deep finned cylinders and inter stage/after stage cooler.
- Sealed safety valves for operational safety
- No of Cylinders 3
- 3 Phase, 10 Hp & 500 ltrs. tank capacity.





### Centralized Oil Dispensing Unit

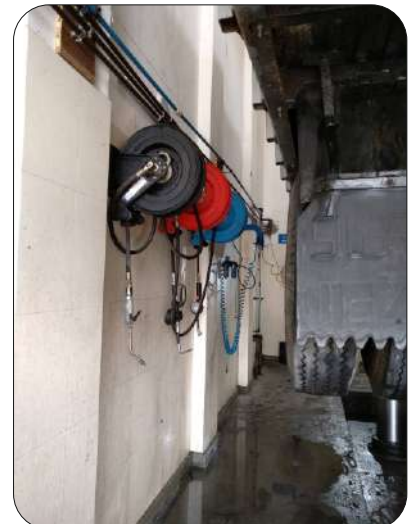
- Centralized Oil Dispensing System (CODS), is a system that delivers controlled amounts of oil to multiple locations on a machine/ vehicle while the servicing. Even though these systems are usually fully automated, a system that requires a pneumatic oil pump & compressed air line, which transfer the oil thru. air tight line to the point of dispensing (at the bays of workshop).



Oil Dispensing Gun with Hose installed at Two Post Lift Area

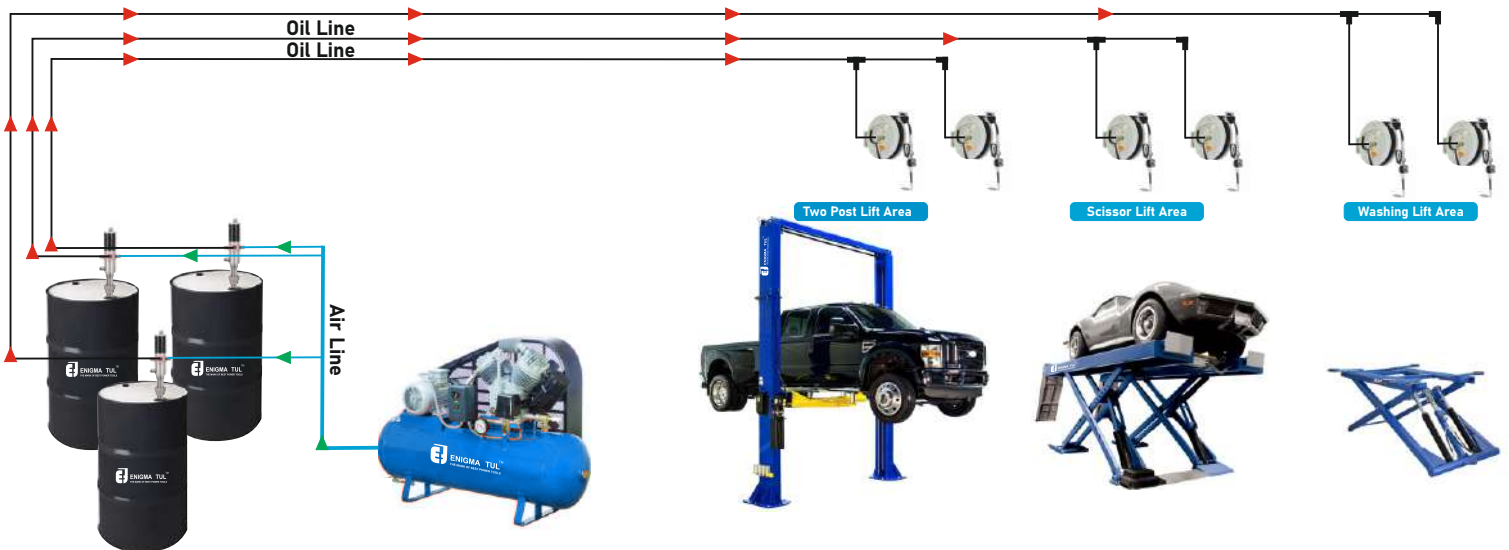


Oil Room



Oil Dispensing Gun with Hose installed at Washing Bay

### Systematic Layout for Reference



- Green Symbol Denotes the air flow
- Red Symbol Denotes the oil flow

### Advantages :

- 1) Avoid Spillage.
- 2) Drop to drop accountability of Lube.
- 3) Better Housekeeping (no spillage).
- 4) Saving in Bulk Purchase of lube oil.
- 5) Avoid excess dispensing (accurate metering)
- 6) Helps in workshop Automation
- 7) Secured Access.
- 8) Man hours savings turn around.
- 9) No Litter disposal (Packaged Oil).
- 10) Multi user facility



## Pneumatic Oil Extractor

The pneumatic oil extractors, offered by us, are made using the latest production techniques so as to ensure that they up to the mark and can withstand the modern-day industrial rigors.

### Features

- High speed oil extraction takes 1 minute/car
- Suitable for engine oil, gear oil and coolant
- Provision to drain main tank without opening or tilting
- Combination of 3 pvc extraction probe to suit all vehicles inlet holes
- Supplied with excess pressure release safety valve
- 80 ltrs. capacity tank for non-stop working



## Portable Oil Train Trolley (Air Operated)

- Oil Drain Tank Working Pressure: 10psi. Air Inlet: 1/4 In.-18 Npt. Ideal For Extracting Waste Oil and Other Fluids From Vehicles
- Quick-Adjustment Clamp Enables Simple Raising and Lowering Of The Drain Funnel and Is Easily Adjustable From 1168 To 1778 mm
- Equipped With Two Premium Fixed Wheels and Two Universal Wheels, For Smooth and Quiet Maneuvering
- Utilizes Standard Pressure Relief Valve and Fixed Air Inlet Regulator. Equipped with Important Safety Devices: An In-Line Shutoff Ball Valve That It Can Be Closed Quickly
- 80 ltrs. Tank Package Includes 1x 80 ltrs. Oil Drain, 1x Regulator & 340 mm Diameter Funnel; 1X Evacuation Hose with Nozzle

## Potable Waste Oil Disposer Tray

- This Portable Oil Drain Tank with Pump 80-90 ltrs. for Truck & Car is ideal for draining oil or anti-freeze oil and other fluids. It is made from high-impact polypropylene, which prevents the drain from rust & corrosion, dent and lightweight at the same time. It comes with T-handle folds down for easy storage. Feature with four heavy-duty 4" swivel casters for easy maneuverability. It is great for low-profile applications such as trucks, SUVs, and a handful of other equipment.



## Digital Oil Dispenser with 210 ltrs. Barrel on Wheels

- Electronic Pre - set mode facility with totalizer.
- Dispense up to 30 Ltrs. per minute thru 200 Ltrs. barrel.
- Suitable for dispensing engine, gear, hydraulic oil, automatic transmission fluid & anti boil, upto maximum viscosity of SAE 140.
- Auto shut-off function.
- Equipped with non dripping gun.



### Pneumatic Grease Pump

- Fitted with Strainer at Suction Tube Inlet for Clean Grease to the Bearing.
- Supplied Complete with Drum Cover, Rubber Lined Follower Plate.
- 84 inch of High Pressure Grease Hose, Z Swivel and Professional Grease Control Valve.
- Portable Version Available with Built-in Steel Drum, Complete with Wheels and Pull Handle.
- Used for greasing different parts of the vehicle.
- Capacity 15-50 kg.
- Pump dispenses grease at pressures up-to 50 times the Air inlet pressure



### Foot Operated Grease Pump

- Utilized for greasing different parts of the vehicle.
- Capacity 5~10 kg
- Foot operated with multi shoot in single operation.
- Pumps up to 2 grams per stroke
- Hands-free operation with foot lever that greatly reduces effort and enables easy high-pressure greasing
- Can be operated by hand when under low machine

### Hand Operated Grease Gun

- The grease gun holder is adopted quality material, sturdy and durable to use.
- This Portable pneumatic grease gun has compact size, easy to carry for outdoor use.
- The pneumatic grease gun can pump out the grease and inject clean grease into some very tight spaces.



### Manual Hydraulic Drum Lifter

- Hydraulic operated thru manual pump.
- Provides facility in handling oil & diesel barrels in workshops.
- Spring loaded clamp holds drum rim.
- Exclusive auto grip lock will not drop a drum
- User does not need to touch drums to operate
- Floor lock for static positioning
- Two fixed wheels and two swivel phenolic casters



**Hyd. Body Repair Kit**

**Body Puller Set**

**Hammer Dolly Set**

**Tap & Die Set**



**Bosh 142 Pcs. Tool Kit**

**Force 142 Pcs. Tool Kit**

**Stanley 156 Pcs. Tool Kit**

**TopTul 150 Pcs. Tool Kit**



**Vacuum Pump Test Kit**

**Diesel Engine Compression Kit**

**Brake Caliper Set**

**Radiator Pressure Test Kit**

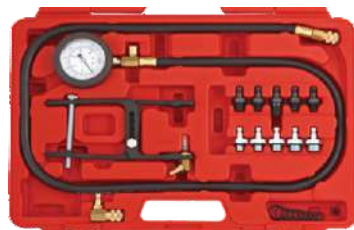


**Cylinder Leakage Tester Kit**

**Oil Pressure Test Kit**

**Compression Gauge (Petrol)**

**Impact Screw Driver Set**



**GEN. / SPL  
TOOL KIT**

**Welding Face Guard**



**Hole Cutter 15 (HSS 5/8")**



**Hole Cutter 26 (HSS 1")**



**Punch Set With Nos.**



**Garage Lamp**



**Laser Temperature Meter**



**Twist Drill Set**



**Spoon Set of 2 Pcs.**



**Lever Operated Vacuum Pad**



**Leather Gloves**



**Scraper Set of 4 Pcs.**



**Punch & Chisel Set of 5 Pcs.**



**Angular Torque Gauge**



**Soldering Machine**



**Hand Rivetting Machine**



**Puller Set**



**C-Clamp**



**Flexible Magnetic Stand**



**Welding Goggles**



**Safety Helmet**



**Surface Plate**



**V-Block**



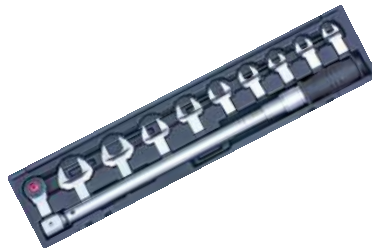
**Drill Chuck**



**Torque Wrench Set of 3 Nos**



**Torque Wrench with Jaw**



**Piston Ring Expander**



**Piston Ring Compressor**



**Bench Vice**



**Bench Grinder**



**Sound Scope**



**Timing Light**



**Drum Wrench**



**Siphon Pump**



**White Board**



**Pin-Up Board**



**Jumper Cable**



**Service Creeper**



**Anti-Rust Spray**



**Clip Remover**



**Rubber Hammer**



**Ball Pin Hammer**



**Riveting Hammer**



**Hammer 3 Kg**



**File Set of 4 pcs.**



**Combination Plier**



**Circlip Plier Set of 4 pcs.**



**Diagonal Cutter**



**Long Nose Plier**



**Water Pump Plier**



**Adjustable Wrench**



**Extension Bar Set of 3 pcs.**



**QRC**



**Adaptor / Reducer**



**Ball Valve 1/2"**



**Parts Bin**



**Magnetic Tray**



**Oil Can**



**Screw Driver Set of 10 Pcs.**



**Front Glass Cover**



**Open End Spanner Set**



**Ring Spanner Set**



**Combination Spanner Set**



**Curved Jaw Locking Plier**



**Straight Jaw Locking Plier**



**Long Nose Locking Plier**



**Sheet Metal Locking Plier**



**Welding Plier**



**C-Clamp Locking Plier Small**



**C-Clamp Locking Plier Large**



**Flanged Lap Joint Clamp**



**Lap Joint Clamp**



**Hose Clamp Plier**



**Wheel Weight Balance Plier**



**Stripping Plier**



**Hose Clip Plier**



**Pipe Wrench**





**Spray Gun for Primer**



**Spray Gun for Base Coat**



**Spray Gun for Clear Coat**



**Gun Cleaning Kit**



**Air Dryer**



**Combi Fine Filter For Paint Booth**



**Pneumatic Polisher**



**Sander 7" Vertical**



**High Speed Sander**



**Double Action Sander**



**Orbital Sander (Dust Free)**



**Air Gun**



**PU Coil Hose Pipe**



**Face Mask**



**Hand Gloves**



**Sander Pads Set of 3 Pcs.**



**Paint Thickness Tester**



**Micro Fiber Towel**



**Masking Tape**



**Vernier Calliper**



**Digital Vernier Calliper**



**Micro Meter**



**Digital Micro Meter**



**Inside Micro Meter**



**Dial Gauge**



**Cylinder Bore Gauge**



**Depth Gauge**



**Inside/ Outside Calliper**



**Degree Protector**



**Techometer**



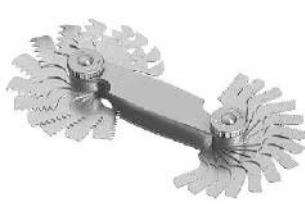
**Multimeter**



**Hydrometer**



**Thread Gauge**



**Feeler Gauge**



**Plastic Gauge**



**Steel Rule**



**Measuring Tape**



**Straight Edge & Tri Square**



**Air Hammer**



**Air Drill**



**Spot Weld Cutter with Gun**



**Air Impact Ratchet**



**Air Saw**



**Heavy Duty Air Saw**



**Air Disk Grinder**



**Sealant Cutter**



**1/2 inch Impact Wrench**



**1/2 inch Socket Set**



**3/8 inch Impact Wrench**



**3/8 inch Socket Set**



**1 inch Impact Wrench**



**1 inch Socket Set**



**MBX Kit**



**Rolloc Kit**



**Pressure Relief Valve**



**Pneumatic Connectors**



**Leader Hose**



**Battery Opert. Impact Wrench**



**Battery Opert. Screw Driver Gun**



**Battery Opert. Drill Gun**



**Battery Opert. Screw Driver**



**Battery Opert. Heat Sink Gun**



**Battery Opert. Rivet M/C**



**Electric Impact Wrench**



**Electric Screw Driver Gun**



**Electric Drill Machine**



**Electric Heat Sink Gun**



**Electric Rivet M/C**



**ELECTRIC &  
BATTERY TOOLS**

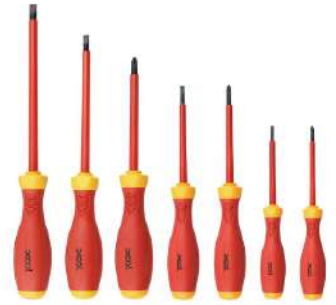
**Open End Spanner**



**Ring Spanner Single Ended**



**Screw Driver Set**



**Combination Plier**



**Nose Plier**



**Cutting Plier**



**Torque Wrench(5-25 NM)**



**Reversible Ratchet 3/8 inch Drive**



**Reversible Ratchet 1/2 inch Drive**



**T-Handle 3/8 inch Drive**



**T-Handle 1/2 inch Drive**



**Adjustable Spanner**



**Socket 1/2 inch Drive**



**Socket 3/8 inch Drive**



**Allen Keys**



**INSULATED  
TOOLS**

**1/4 inch Drive Extension**



**3/8 inch Drive Extension**



**1/2 inch Drive Extension**



**Knief**



**Soft Hammer**



**Magnetic Pick Up Tool**



**Insulated Gloves**



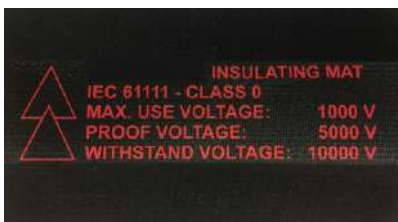
**Over Gloves for Insulated Gloves**



**Insulated Boots**



**Insulated Mat**



**Voltage Detector & Tester**



**Voltage Detector & Tester**



**Arc Flash Suit**



**Tool Box**



**INSU. TOOLS  
& ACCESSORIES**

## General & Measuring Tools



## Four Wheeler Special Service Tools



## Bodyshop Special Service Tools



**ENIGMATUL**®  
**THE MARK OF BEST POWER TOOLS**

*Complete Automotive Range of Automobiles Service Station Equipments for Hi-Tech Workshops*

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