



Prisun Technologies, Pune, Maharashtra, India

ELV Scrapping Equipment's

Brief Information About Prisun Technologies –

- Prisun Technologies have experienced team which worked on Aerospace, Automation, Material Handling and Vehicle Scrapping facility Set-up.
- Prisun Technologies dealing in Fully mechanical, Semi-Automatic & Fully Automatic Systems design and manufacturing.
- We are supplying Innovative solutions to our customers.
- We have developed many innovative and cost effective solutions for various industries.
- Fast Delivery & Supply of Quality International Standards products is our main strength.
- Passionate about Automation and Material Handling Solutions and optimizing cost without compromising with quality through our best in class design team.
- We are providing complete Automation Solutions from Design, PLC and Robot Programming to Installation and commissioning with After best Sales Service Support.
- We have very big standard products design library which reduces the design schedule.
- Our Main Goal is to provide user friendly ergonomics systems with improved aesthetic looks and with most advanced technologies.
- Our Team is ready to work 24x7 to support customers.

APPLICATION INDUSTRIES –

Automation – Engine Assembly Lines and Automation Solutions.

Automation – Axle Assembly Lines and Fixtures.

Automation – Jigs & Fixtures.

Automation – Testings Machines

Automation – Turnkey Projects and process automation

Aerospace – Jigs and Fixtures.

Automation required for FMCG Industry.

Solutions for Pharma Industry.

Most Ergonomic Material Handling Solutions.

Material Handling – Belt Conveyors, Chain Conveyors, Wire Mesh Conveyors and Jib Cranes

Material Handling – Steel Structures with Aluminium X-Y Rail Systems

Vehicle Scrapping – All Material Handling Equipments

Locations in India Served by Prisun Technologies –



QUICK CONTACT NO. - 93254 88453 / 70402 46040

What is Vehicle Scrappage Policy in India?

The Vehicle Scrappage Policy is a government-funded programme to scrap old and unfit vehicles and replace them with modern and new vehicles on Indian roads. The primary goal of the policy is to create an ecosystem for phasing out unfit and polluting vehicles to achieve a lower carbon footprint in the country.

Beginning April 1, 2023, fitness testing of Heavy Commercial Vehicles (HCVs) shall be conducted only through Automated Testing Stations (ATSs). For other types of Commercial Vehicles (CVs) and Private Vehicles (PVs), the fitness testing shall also be conducted through the ATS and begin on June 1, 2024.

Commercial vehicles and private vehicles older than 15 and 20 years, respectively, shall be scrapped if they fail the fitness test. If a vehicle fails the fitness test, it shall be defined as an ELV (End-of-Life Vehicle).

For more details please visit - <https://morth.nic.in/Circulars-Notifications-related-to-Vehicle-Scrapping-Policy>

What is the aim of Vehicle Scrappage Policy 2021 ?

The main objective of the Vehicle Scrappage Policy 2021 is to identify old, unfit and polluting vehicles and scrap them. Here are some of the key takeaways of the vehicle scrappage scheme.

- Reduce pollution by scrapping vehicles without valid fitness and registration.
- Improve passenger, road and vehicular safety.
- Generate employment in the automobile industry.
- Formalize the current informal vehicle scrappage industry.
- Improve fuel efficiency and reduce maintenance costs for vehicle owners.
- Increase availability of low-cost raw materials for automotive, steel and electronics industry.

Important Dates to Note -

Conditions	Tentative timeline
Rules for testing fitness of vehicles	October 1, 2021
Scrappage of Public Sector Undertaking (PSU) and government vehicles over 15 years old	April 1, 2022
Fitness testing of HCVs	April 1, 2023
Fitness testing of other CVs and PVs	June 1, 2024

Benefits of the Vehicle Scrappage Policy -

Here's a list of potential benefits of the new vehicle scrap policy for the economy, automobile sector, vehicle owners, and others.

- Scrapping unfit vehicles will result in less air pollution and better air quality.
- With old vehicles being scrapped, the demand for new vehicles will rise as the old ones will need to be replaced by new ones. More than 51 lakh light motor vehicles (private and commercial) are more than 20 years old.
- Overall, the automobile sector will benefit from the new scrappage policy leading to more job opportunities. For example, new vehicle scrapping centres will need manpower.
- New advanced vehicles will be comparatively safer. For example, new cars come with superior safety features.
- The recycling industry will also be more active leading to higher revenue.
- Vehicle owners might receive tax benefits as an incentive to scrap an old vehicle.
- Vehicle owners might also get the best price for car scrappage for workable parts such as tyres.

What are the incentives for scrapping old vehicles ?

Here are the incentives when you scrap old vehicles.

- ✓ **Avail a discount:** After scrapping the vehicle, the owner may receive a 4 to 6% discount on the new vehicle's cost (ex-showroom).
- ✓ **No registration charges:** Upon declaring the Certificate of Deposit, the registration fees for the new vehicle are waived.
- ✓ **Concession on road tax:** State governments may offer a concession on the road tax on the new vehicle. The concession can be up to 25% for non-transport vehicles and 15% for transport vehicles.
- ✓ **Discount on a new vehicle:** Vehicle manufacturers have been requested to offer a discount of 5% on purchasing a new vehicle against the Certificate of Deposit. This discount is over and above the scrap value, you receive for your vehicle.

What are the disincentives of owning an old vehicle ?

Here are the disadvantages of owning an old vehicle.

1. Higher fees:

The charges for the fitness test and the grant of Fitness Certificate (FC) for commercial vehicles that are more than 15 years old are higher.

Metric	Vehicle category	Current fee structure	Revised fee structure
Renewal or issuance of Registration Certificate (RC)	Light Motor Vehicle (LMV) - non-transport	Rs. 600 (New registration and renewal)	Rs. 600 (New registration), Rs. 5,000 (Renewal of RC after 15 years)
Fitness test for issuance of new or renewal of Fitness Certificate (FC) - Vehicles older than 15 years	Light Motor Vehicle (LMV) - non-transport	Rs. 600	Rs. 1,000 (Automated Testing Station)

2. **Higher re-registration fees:** For private vehicles that are more than 15 years old, the charges for the renewal of the RC are higher.
3. **Green Cess:** A green cess of 10 to 15% over and above the road tax shall be applicable for such older vehicles.

Issuance or renewal of RC (vehicles over 15 years old)

Vehicle category	Current fee structure	Revised fee structure
LMV	Rs. 200	Rs. 7,500
Passenger Vehicle/Medium Goods	Rs. 200	Rs. 10,000
Passenger Vehicles/Heavy Goods	Rs. 200	Rs. 12,500

Due to below reasons owning Old Vehicles Will Be Costly -

The overall expenses related to renewing an old vehicle and the mandatory Fitness Test while re-registration is expected to dissuade vehicle owners from continuing with the vehicle.

Comparatively, parting ways by scrapping the vehicle seems like a feasible option. Moreover, certain fees are expected to be hiked in the future. Such fee hikes can be periodic considering inflation.

Here are the costs to be incurred if your private vehicle is more than 15 years old.

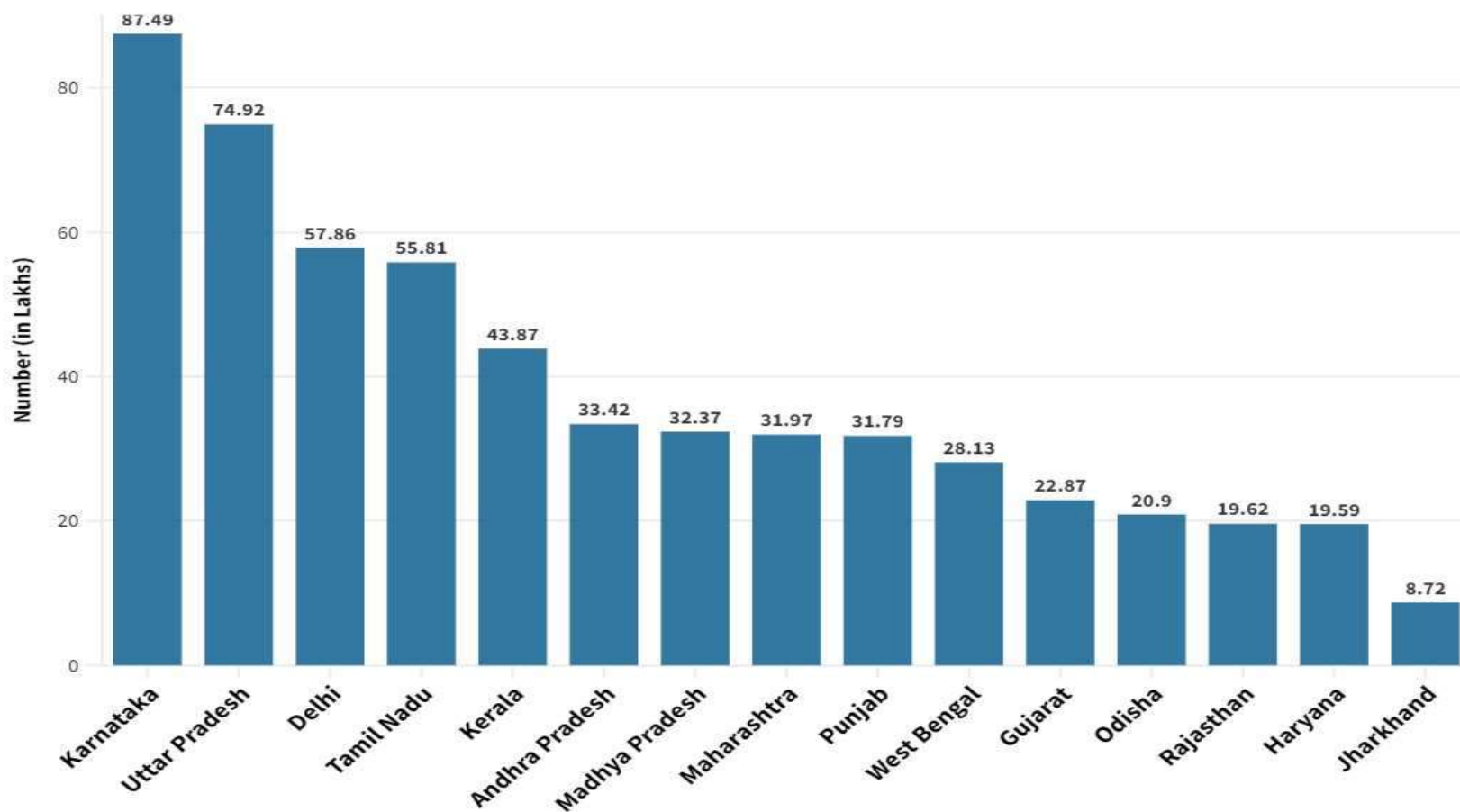
- ☐ Fee for Fitness test
- ☐ Fee for renewing registration
- ☐ Green Cess
- ☐ Road tax

Over 6.1 crore vehicles equivalent or older than 15 years registered across the country

In [response](#) to a question on scrapping vehicles in the Rajya Sabha, the state-wise number of registered vehicles greater than or equal to 15 years as on 31 March 2023 was provided. It should be noted that the data for Telangana and Lakshadweep is not available in the 'Online Vahan Database' and have not been included. As per the data, there are more than 6.1 crore vehicles equivalent and older than 15 years, registered across the country. Of this, 77.3% (4.72 crores) are petrol-only vehicles, 18.57% (1.13 crore) are diesel-only vehicles, and 0.14% (85,255) are CNG-only vehicles. The fuel type data of the remaining 4% of them have not been recorded in the system. It should be remembered that not all these vehicles may require scrapping since it is based on the fitness of the vehicles.

Registered Vehicles Older Than or Equivalent to 15 Years - Top States

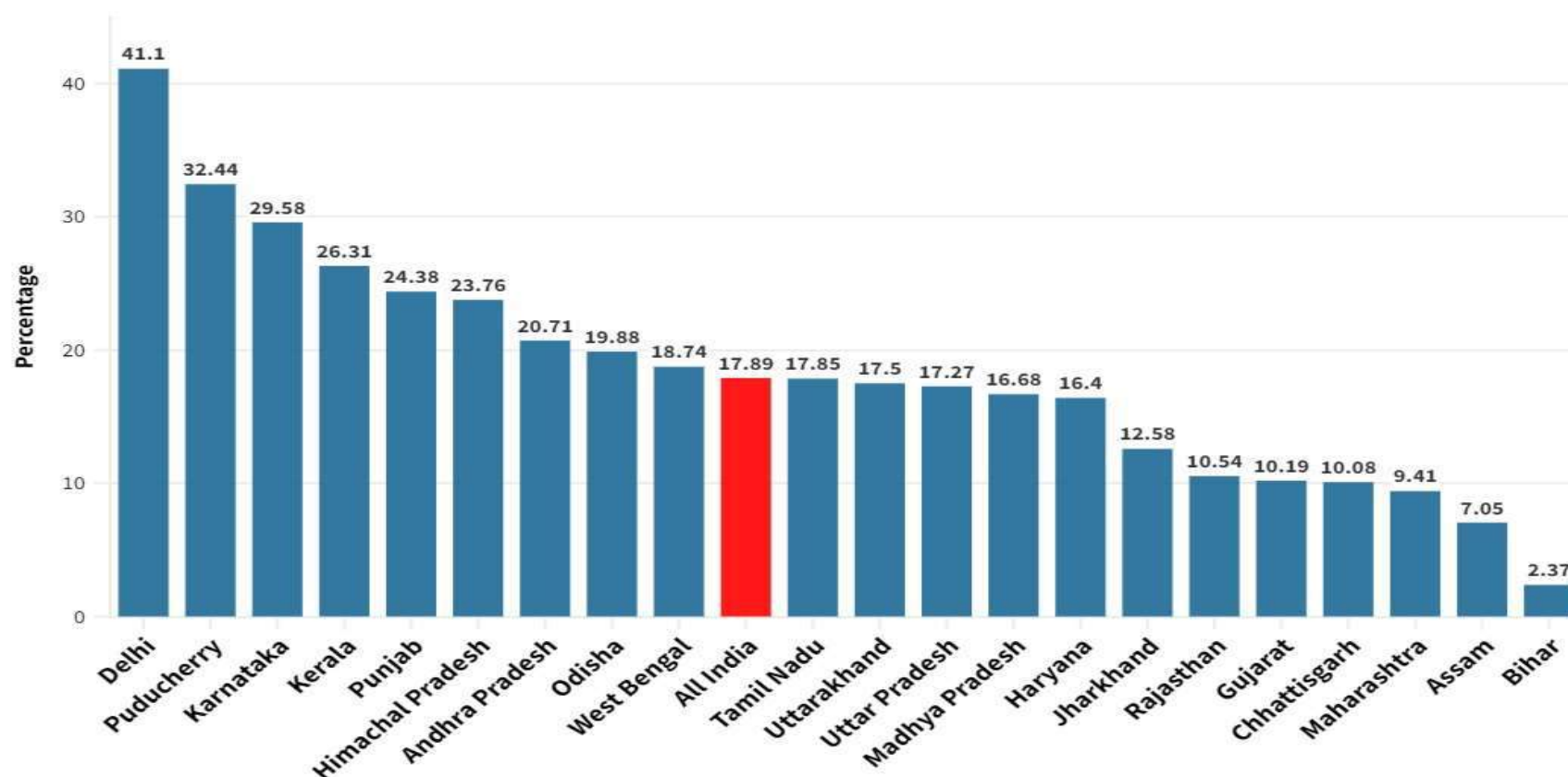
(As on 31 March 2023 in Lakhs)



Source: [Rajya Sabha Unstarred Question No. 3761 dated 05 April 2023](#)

Share of Registered Vehicles Equal To or Older Than 15 Years Among Total Vehicles Registered

(As on 31 March 2023, in %age)



Source: [Rajya Sabha Unstarred Question No.3761 dated 05 April 2023](#)

Total vehicles registered is as on 19 April 2023 from Vahan database

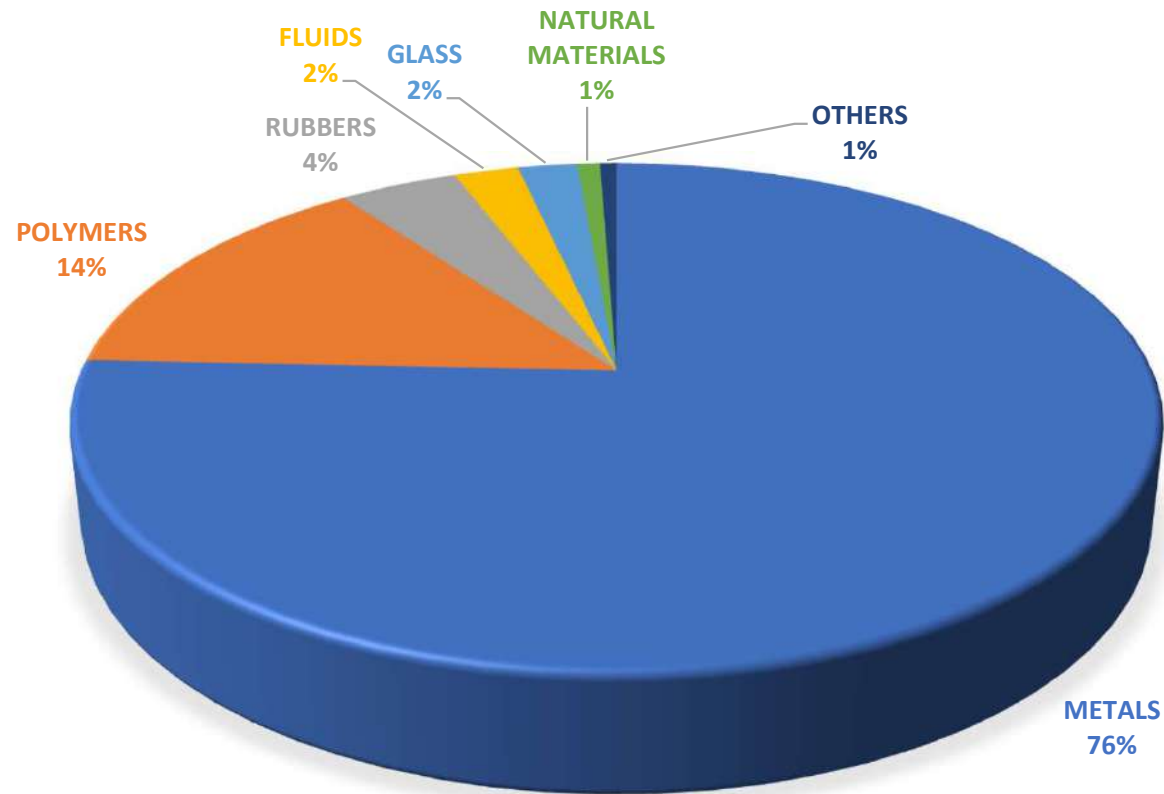
Number of Vehicles Scrapped at Registered Vehicle Scrapping Facilities RVSFs (Jan'22 to

Jan'23) – Source - RAJYA SABHA STARRED QUESTION NO - 61 ANSWERED ON- 08/02/2023

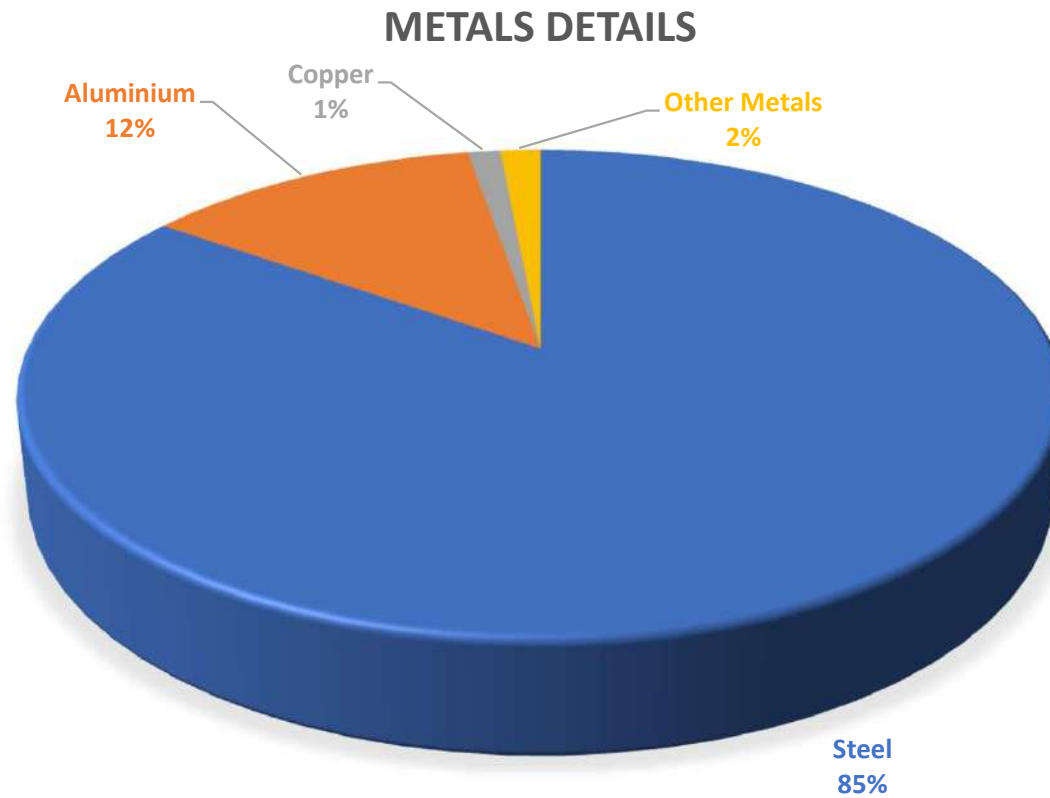
State	No. of Private Vehicles scrapped	No. of Commercial Vehicles scrapped
Assam	7	0
Chandigarh	12	0
Gujarat	1,053	17
Haryana	40	0
Madhya Pradesh	188	0
Uttar Pradesh	4,059	50
Grand Total	5,359	67

Passenger Cars Scrap Material Contains

SCRAP VEHICLE - MATERIAL DETAILS



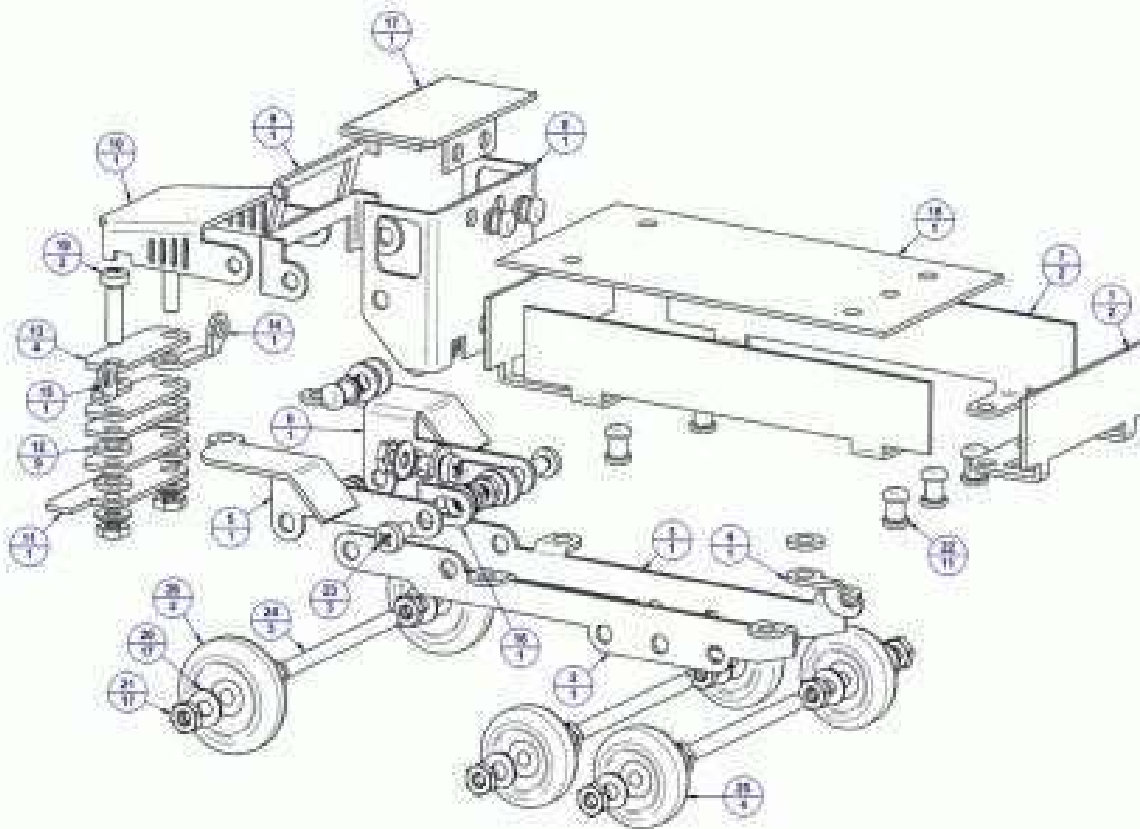
METALS VOULUME IN PASSENGER CARS



PASSENGER CARS PARTS EXAMPLE



TRUCK PARTS EXAMPLE WITHOUT ENGINE AND TYRES



Item Number	Title	Quantity	Material
1	Part 12	2	Aluminium
2	Part 10 (Minor part of the part 8)	1	Aluminium
3	Part 9	1	Aluminium
4	Part 7	1	Aluminium
5	Part 13	1	Aluminium
6	Part 17 (Minor part of the part 10)	1	Aluminium
7	Part 11	2	Aluminium
8	Part 6	1	Aluminium
9	Part 5	1	Aluminium
10	Part 16	1	Aluminium
11	Part 4	1	Aluminium
12	Washer D3mm x 1mm	8	Steel
13	Part 5	4	Aluminium
14	Part 1	1	Aluminium
15	Part 2 (Minor part of the part 1)	1	Aluminium
16	Part 6	1	Aluminium
17	Part 11	1	Aluminium
18	Part 14	1	Aluminium
19	Screw M3 x 10mm	2	Steel
20	Washer D3mm x 1.5mm	17	Steel
21	Nut M3	17	Steel
22	Rivet	11	Steel
23	Screw M3 x 8mm	8	Steel
24	Wheel axle	2	Steel
25	Wheel (small)	4	Wood
26	Wheel (big)	2	Wood

Prisun Technologies Supplied Vehicle Scrapping Facility Equipment's to below Facilities as on
July 2023 and many more under WIP –

1. Jaipur, Rajasthan
2. Mohali, Punjab
3. Bhubaneswar, Odisha
4. Faridabad, Haryana
5. Surat, Gujarat

Please visit to below link for details of one of our supply,

<https://www.youtube.com/shorts/wRcVwmQgYkU?feature=share>

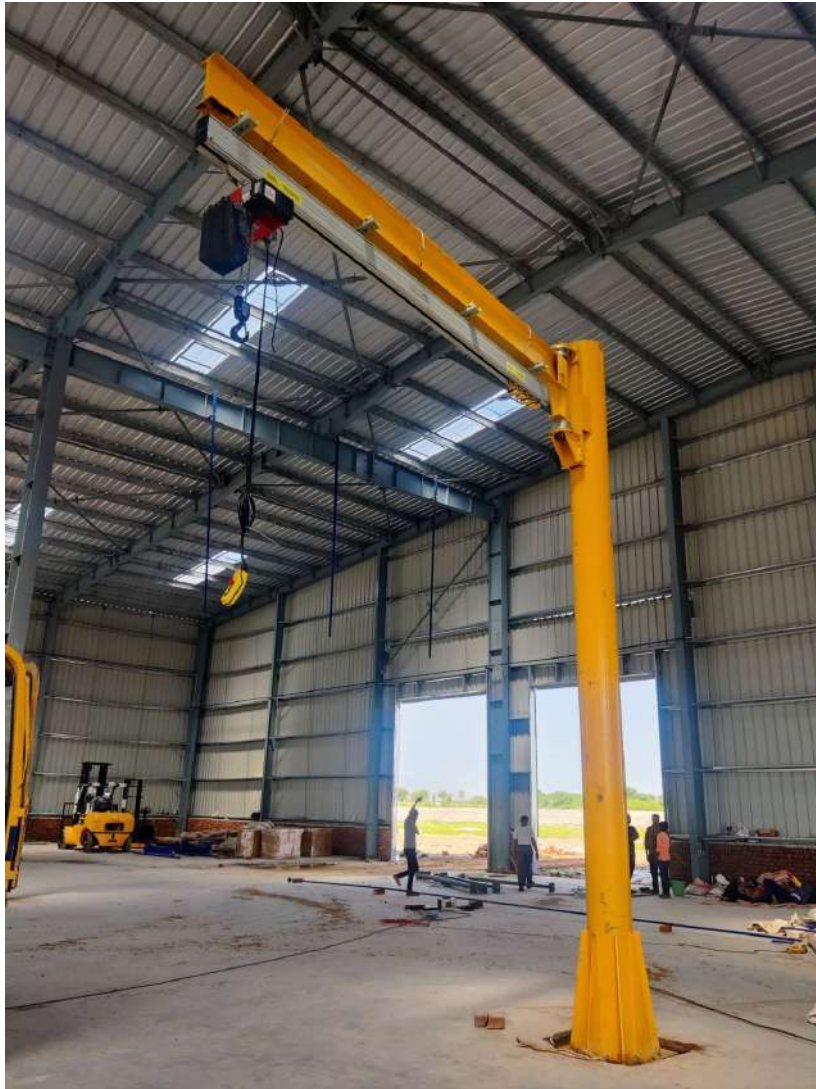
List of Prisun Technologies Manufactured Equipment's for Vehicle Scrapping Facilities –

1. Jib Cranes of 1,000 Kgs. Capacity with Aluminium Track for ergonomic lifting of components
2. Steel Structure with X-Y Aluminium Rails System - SWL 125 Kgs. For Lifting of Cars and small vehicles Doors, Seats and other parts up to 125 Kgs.
3. Gantry Cranes - 3 Tons & 5 Tons Capacity with 2 Gantry Crane Joining provision for Lifting of Heavy Vehicles Body type heavy parts
4. ELV Trolley of SWL 3,000 Kgs. with Rail Track for the handling and resting of Cars and small vehicles for dismantling
5. Material Handling Trolley with Castor Wheels & Fork Arrangement for Handling & Storage of Door, Bumper, Lights, Tyres and small parts
6. Engine Disassembly Table of SWL 1,000 Kgs. with drain plug and tray for dismantling of Engine components
7. Axle Storage Stand with resting provision
8. Scissor Lifts for lifting
9. Tools Trolley with Sockets and Extensions

List of Prisun Technologies Manufactured Equipment's for Vehicle Scrapping Facilities –

10. Door + Tyre & Trim Trolley for Handling & Storage of Doors, Seats & other bulky parts
11. 3 Side Closed Trolley for Handling & Storage of Fuel Tanks, Axle Parts & Other heavy parts
12. Metal Pallet with Tray for Engine Storage with Staking provision
13. Side Trolley for quick handling of lightweight parts
14. Closed Heavy Duty Trolley for Heavy Engine parts - all side closed
15. Shock - Closed Trolley For small scrapped parts all side closed
16. All Side Closed Trolley with Caster Wheels and Fork Provision - Length - 1,200mm x Width - 750mm x Height - 800mm for handling of plastic parts
17. Collapsible Trolley with fork provision for handling of Rubber and other lightweight parts
18. Heavy Rack, 6 Bend type for the storage of heavy parts
19. Small Rack for the storage of Lightweight parts
20. Baler Machine – Design Ready for manufacturing
21. Vehicle Drainage or De-pollution Machine – Design Ready for manufacturing

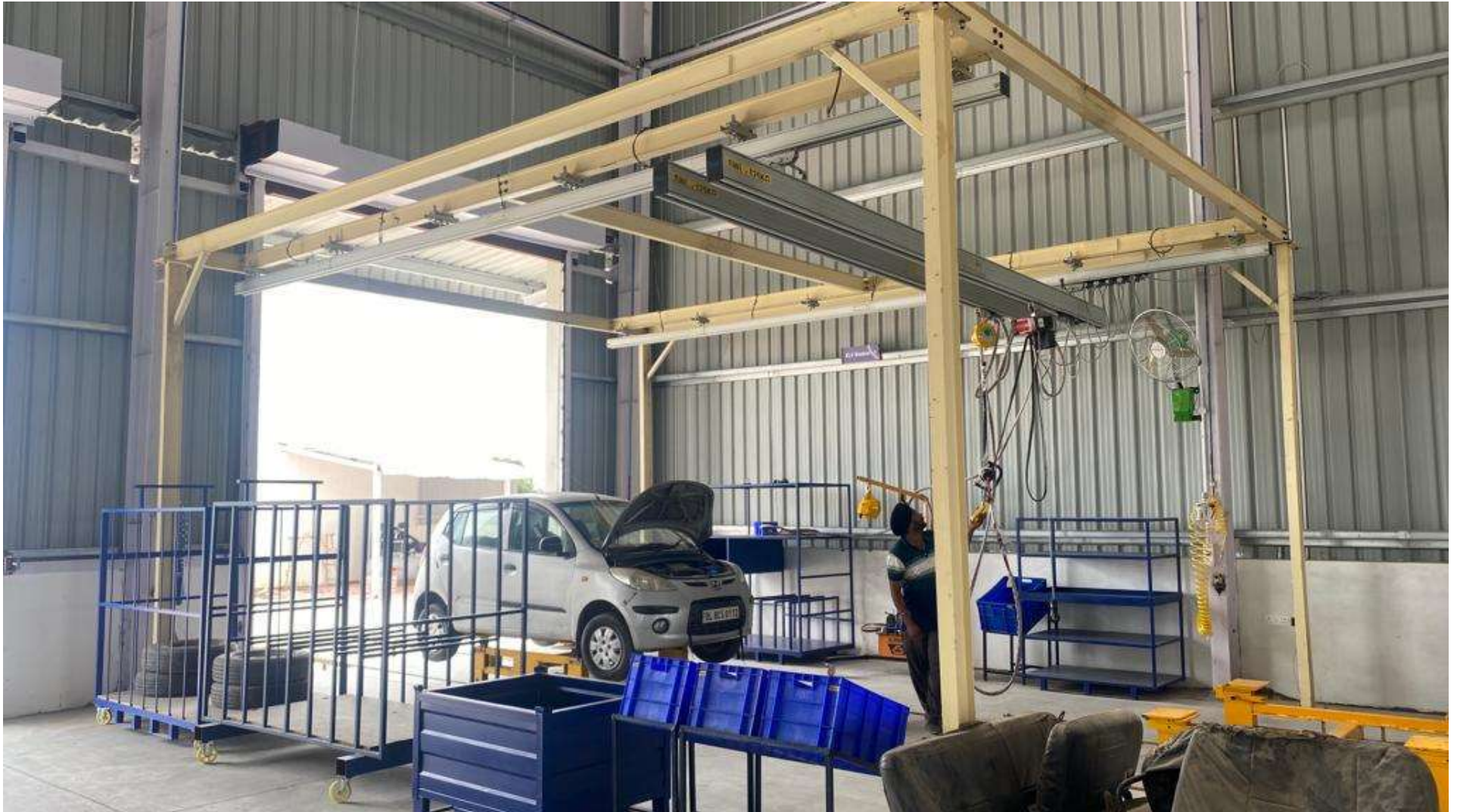
Jib Cranes -



Steel Structure with X-Y Aluminium Rails System -



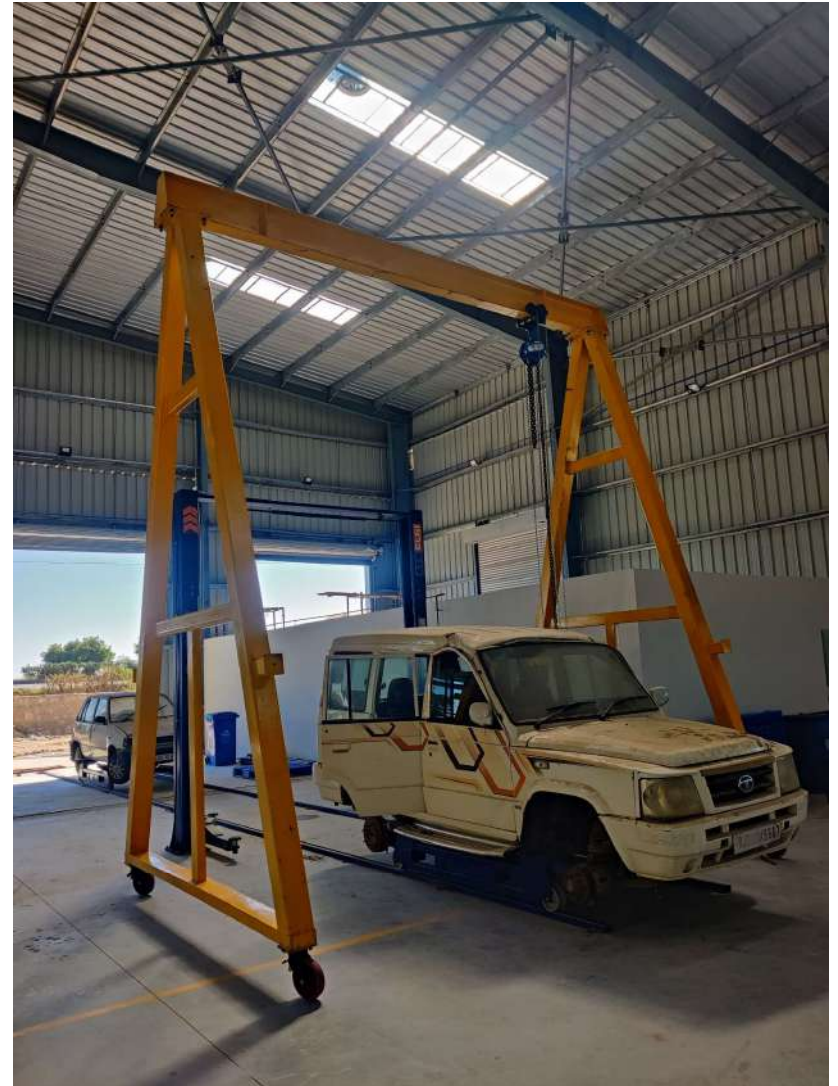
Steel Structure with X-Y Aluminium Rails System -



X-Y Aluminium Rails System -



Gantry Cranes – 3 Tons Capacity



Gantry Cranes – 3 Tons Capacity



Gantry Cranes – 5 Tons Capacity



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ELV Trolley -



ELV Trolley -



Material Handling Trolley Fork Arrangement for Handling & Storage of parts by Prisun Technologies -



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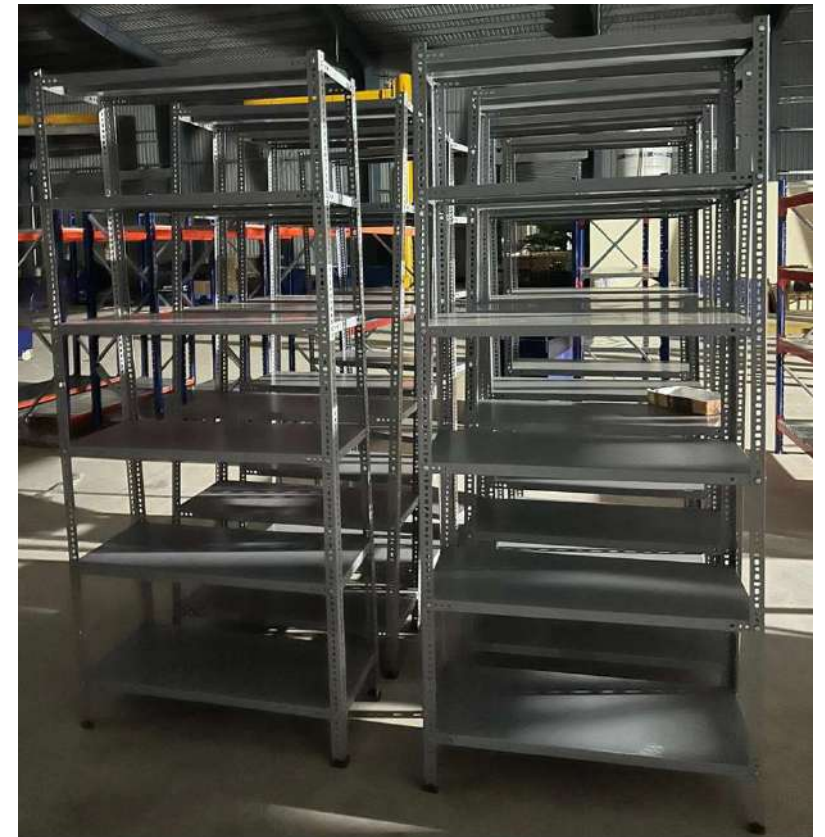
Material Handling Trolley Fork Arrangement for Handling & Storage of parts by Prisun Technologies -



Material Handling Trolley Fork Arrangement for Handling & Storage of parts by Prisun Technologies -



Racks for Parts Storage -



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Engine Dis-assembly Table with Tray & Drain Plug -

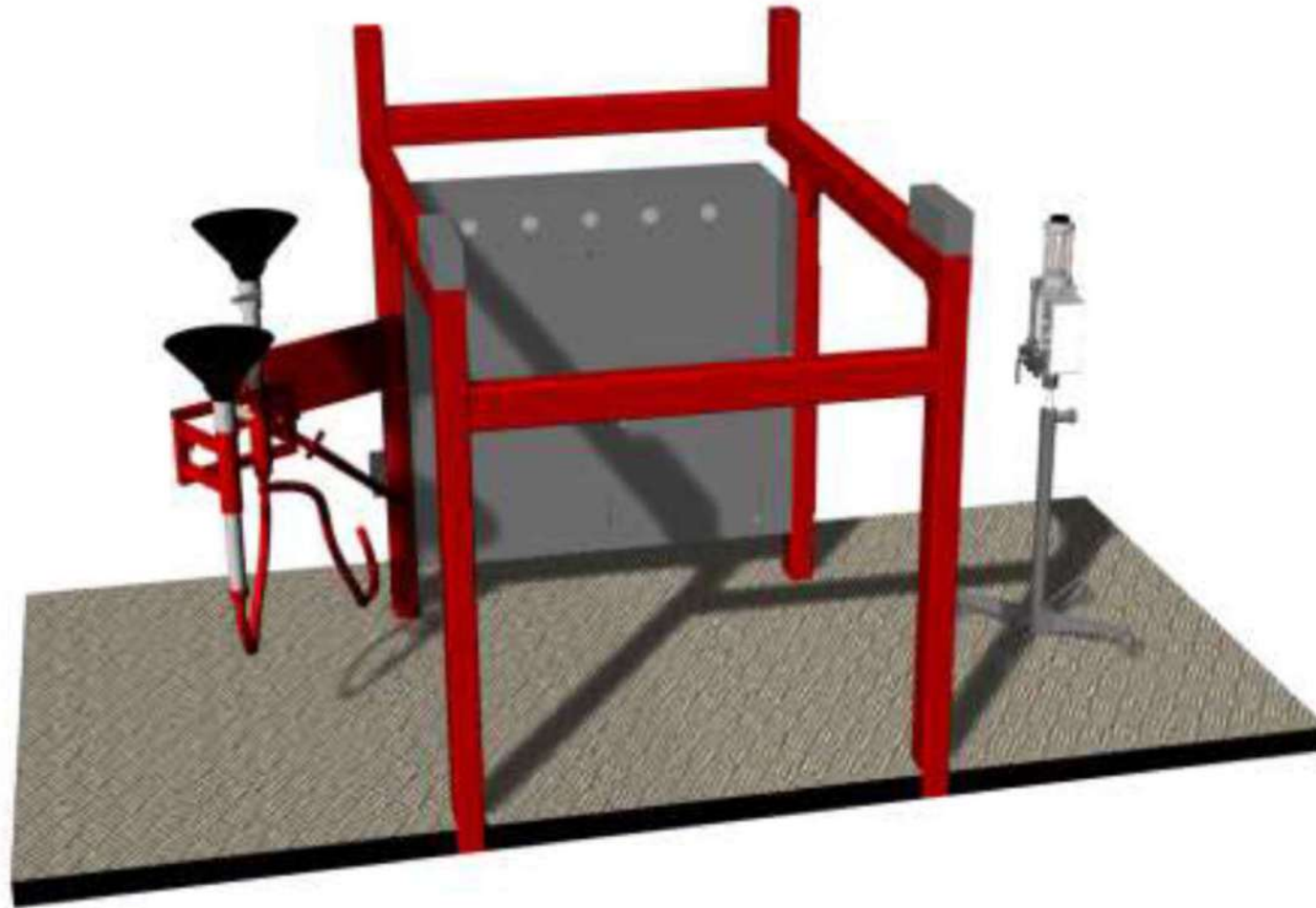


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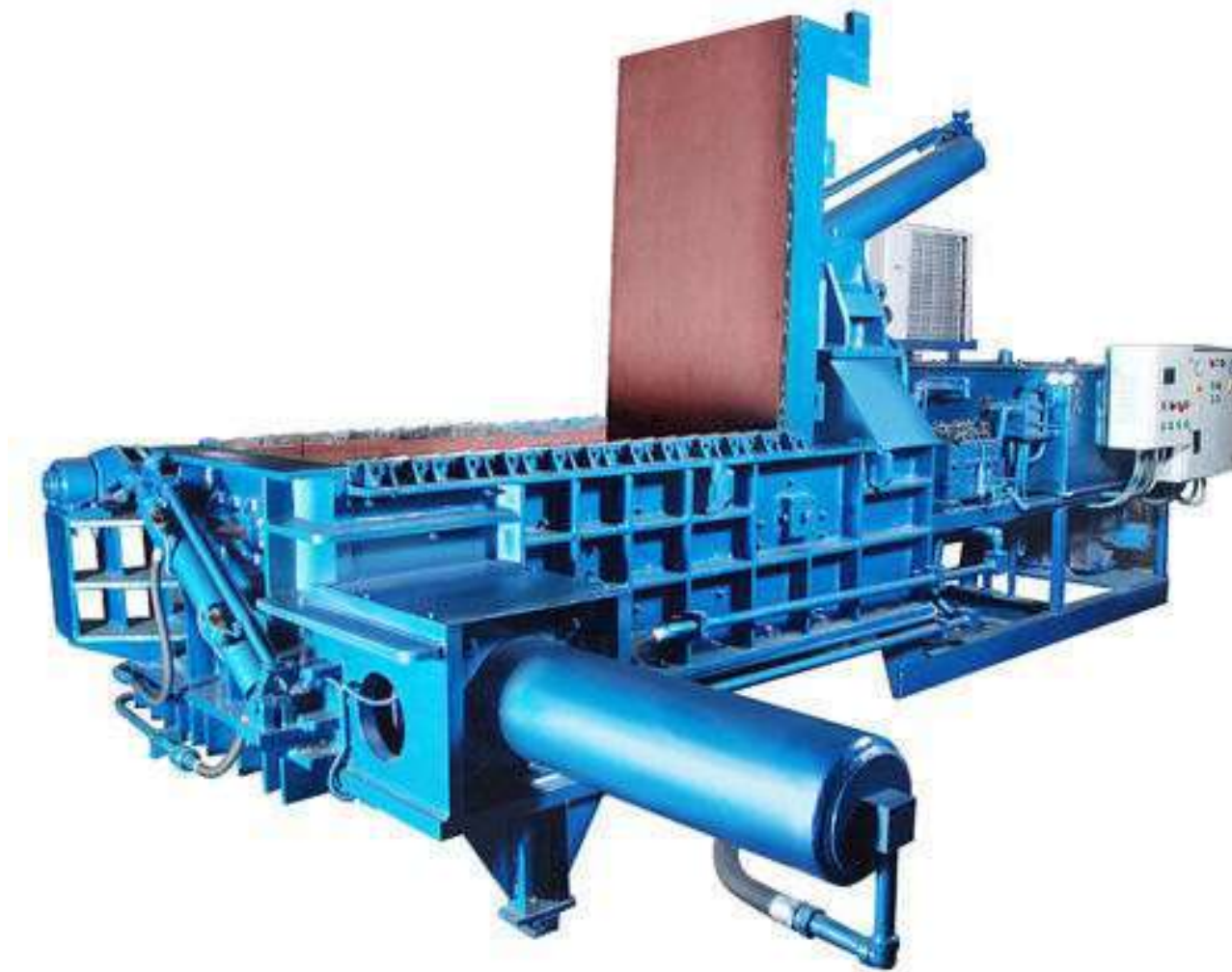
Scissor Lift -



Depollution (Vehicle Drainage) System – Photo for reference only, system under development



Baler – Photo for reference only, system under development



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Thank You!

