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# FAIFAI ENGINEERING OPC PVT LTD CATALOGUE



## 2025-2026



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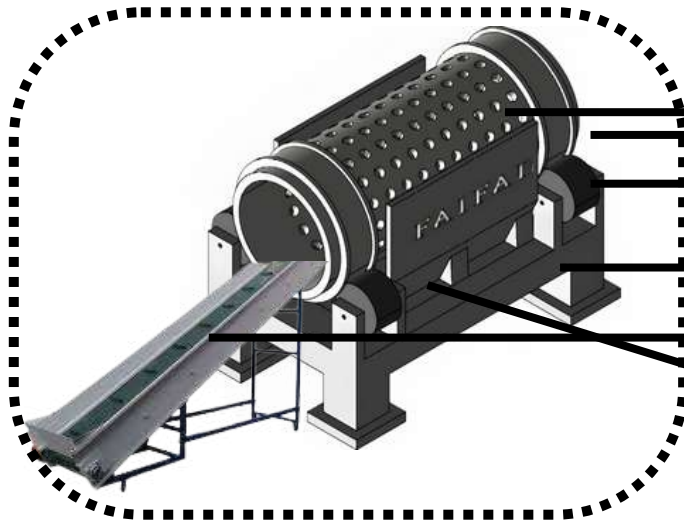


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# FAIFAI ENGINEERING

## Trommel Machine Setup



- Trommel Shell
  - Trommel Nylon tyre
  - Trommel base frame
  - Feeding Conveyor
  - Accept Conveyor
- Reject Conveyor

### Tromme Machine

*A trommel machine is a rotating cylindrical sieve used in waste processing, mining, and recycling. It separates materials by size, efficiently sorting and filtering for various industrial applications.*



Scan for Video



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| Trommel Set Up Machinery   | Capacity         | Experience  |
|--|------------------|---|
| Trommel Shell, stand, panel, Motor & Gear Box, Nylon Wheel, Conveyor (Feeding, Accept, Reject, Moving Bed) | 5 TPD to 500 TPD | 3+ year Direct Manufacturing<br>15+ Projects Complete |

# FAIFAI ENGINEERING MRF Center Machinery



**SHREDDER**

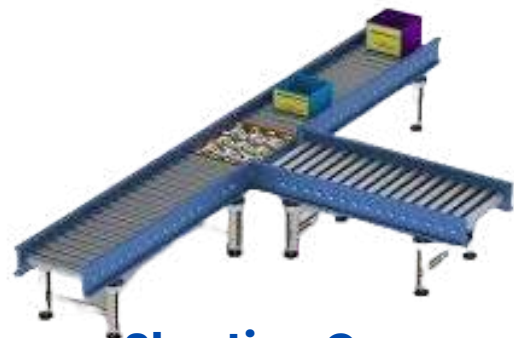
## Shredder Machine

A shredder machine efficiently reduces materials into smaller pieces, commonly used for recycling, waste management, and document destruction, ensuring secure disposal and material processing across various industries.



## Belling Machine

A belling pressing waste machine compresses and forms plastic waste into socket ends for recycling or disposal. It efficiently reduces waste volume, facilitating easier handling and transport while promoting sustainable waste management practices.



**Shorting Conveyor**

## Shorting Conveyor Machine

A shorting conveyor in a waste treatment plant is used to separate different types of waste—such as recyclables, organics, and non-recyclables—early in the process. It helps reduce manual labor, speeds up sorting, and improves the efficiency of recycling and disposal systems.



**FAIFAI ENGINEERING**

**FATKA (Air dust remover)**

## Plastic OR Polythene Dust Removal Machine ( Fatka Machine)

A Polyethylene Dust Removal Machine efficiently extracts dust and fine particles from polyethylene materials, ensuring cleaner production environments. It's essential for maintaining material quality, reducing contamination, and improving overall safety in manufacturing processes.



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| MRF Center Machinery   | Capacity            | Experience                                    |
|--|---------------------|---|
| Shredder, Hydraulic Press Belling,<br>Fatka ( Air Dust Removal Machine)<br>Shorting Conveyor, Weight Scale | 1 TPD to 100<br>TPD | 3+ year<br>Manufacturing<br>50+ Set Completed |



# FAIFAI ENGINEERING

## Liquid Waste Suction Machinery



**Sewer Suction Machine Chassis Mounted**



**Sewer Suction Machine Trailer Mounted**

A sewer suction machine is a specialized vehicle used to remove sludge, wastewater, and debris from sewers, manholes, and drainage systems. It uses a powerful vacuum pump to suction waste into a storage tank, helping to maintain hygiene, prevent blockages, and support efficient sewer maintenance.



**Chassis Mounted  
Sewer Suction Jetting Machine  
Trailer Mounted**

### SSM & SSJM General Specification

- Water tank
- Sludge tank
- Back Door opening
- Nesting
- I- Bolt
- Float Valve
- Ball Valve
- Level Indicator
- Suction Hose
- PRV
- Suction Pump
- Shaft
- Ladder
- Single or Dual Axle
- Tyre
- Jetting Pump
- Jetting Hose
- Rotary Union
- Main Hole
- Hose reel



**SSM YOUTUBE  
VIDEO FAIFAI**

A sewer suction jetting machine is a dual-purpose vehicle used for cleaning and maintaining sewer lines. It combines high-pressure water jetting to dislodge blockages with powerful suction to remove sludge and debris, ensuring smooth flow and preventing sewer overflows.



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| Sewer Suction Machine  | Capacity              | Experience                                  |
|--|-----------------------|---|
| Sewer Suction Machine, Sewer Suction Jetting Machine, Dump Tank (Chassis or Trailer Mounted) | 1500 LTR to 15000 LTR | 3+ year Manufacturing<br>120+ Set Completed |

# FAIFAI ENGINEERING

## Water tanker & Sprinkler Machine



A trailer-mounted water tanker is a mobile water storage and supply unit mounted on a trailer for easy transport. It's widely used in agriculture, construction, and remote areas to deliver water where fixed supply systems are unavailable, offering flexibility and convenience in water distribution.



### Water Tanker & Sprinkler Machine

- Water tank
- Ball Valve
- Level Indicator
- Ladder
- Single or Dual Axle
- Tyre
- Main Hole



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| Water tanker  | Capacity              | Experience                                  |
|---|-----------------------|---|
| Water tanker , Trailer mounted or chassis mounted, MS/SS/GI sheet, with multiple customization. | 3000 LTR TO 15000 LTR | 3+ year Manufacturing<br>150+ Set Completed |



# FAIFAI ENGINEERING

## Garbage Tipper



Side View



Partition View Close body Garbage Tipper



Side View



Open body Garbage Tipper



Open body Garbage Tipper



Close body Garbage Loader



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A garbage tipper is a specialized vehicle used for the collection, transportation, and unloading of solid waste in urban and rural areas. It is equipped with a hydraulic tipping system that allows the waste container to be easily lifted and emptied at designated disposal or dumping sites. Commonly used by municipal bodies and waste management services, garbage tippers improve the efficiency of waste handling operations, reduce manual effort, and support cleaner and more hygienic environments. They come in various sizes and configurations to suit different waste volumes and operational needs.

| Garbage Tipper   | Capacity         | Experience                                  |
|--|------------------|---|
| Close and Open Body Garbage Tipper with partition or without partition, Hydraulic Operated | 1.2 Cum to 8 Cum | 3+ year Manufacturing<br>350+ Set Completed |

# FAIFAI ENGINEERING

## Refuse/Portable/Trash Garbage Compactor



RCV Box



RCV Sliding

A refuse compactor vehicle is a specialized waste collection truck designed to compress and transport large volumes of solid waste efficiently. Equipped with a hydraulic compaction system, it reduces the size of collected waste, allowing for higher load capacity and fewer trips to disposal sites. Commonly used by municipalities, it plays a key role in organized and hygienic waste management.



### Portable Compactor Vehicle

A portable garbage compactor is a mobile waste management unit designed to compress solid waste at the source. It reduces waste volume, minimizes storage space, and lowers transportation costs, making it ideal for commercial complexes, residential societies, and temporary waste collection points.



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| RCV  | Capacity                         | Experience                                 |
|--|----------------------------------|--|
| Refuse Compactor/ Portable Compactor/ Trash Compactor/ Garbage Compactor | Upto 8 Cum Based on Chassis Cap. | 3+ year Manufacturing<br>15+ Set Completed |



# FAIFAI ENGINEERING

## SKY LIFT Recovery Van/ Truck



A sky lift, also known as an aerial work platform or boom lift, is a hydraulic lifting vehicle designed to safely elevate personnel and equipment to elevated work areas. It is widely used in utility maintenance, streetlight repair, building cleaning, signage installation, and other tasks that require working at heights. Equipped with a secure platform and extendable boom, the sky lift provides stability, flexibility, and safety, making it an essential tool for urban infrastructure maintenance and industrial applications.



**Recovery Van**

A recovery van or truck is a specialized vehicle used to tow or transport broken-down, damaged, or illegally parked vehicles. Equipped with towing mechanisms like winches, cranes, or flatbeds, it ensures the safe and efficient recovery of vehicles from roads, accident sites, or restricted areas. Commonly used by roadside assistance services, traffic authorities, and towing companies.



**Recovery Truck / Tow Truck**



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| Sky Lift/Recovery Van/Truck       | Capacity                             | Experience                                 |
|-----------------------------------|--------------------------------------|--|
| Sky Lift and Recovery van & Truck | Based on Chassis Cap. & requirement. | 3+ year Manufacturing<br>15+ Set Completed |



# FAIFAI ENGINEERING

## Dustbin and Garbage Bin



1100-liter MS dustbins are heavy-duty waste containers made from mild steel, designed for efficient garbage collection and storage in high-traffic areas. Their robust construction ensures durability against rough handling and harsh weather conditions. Equipped with wheels and handles, they are easy to move and empty, making them ideal for use in municipalities, commercial complexes, industrial zones, and large residential societies. These bins support organized waste management and help maintain cleaner surroundings.



Know more about this.



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| Dustbin   | Capacity            | Experience                                      |
|---|---------------------|---|
| MS/SS/GI Dustbin for Industrial, Social, or personal Use for Waste collection | 120 LTR TO 1100 LTR | 3+ year<br>Manufacturing<br>1000+ Set Completed |



# FAIFAI ENGINEERING

## Hopper Tipper Dumper/ Loader



A hook loader truck is a versatile vehicle designed for loading, transporting, and unloading containers using a hydraulic hook-lift system. It allows quick swapping of different containers, making it ideal for waste management, construction, and logistics operations.



A hopper tipper dumper is a specialized vehicle used for collecting and transporting bulk waste or loose materials like sand, gravel, or debris. It features a hopper body with a hydraulic tipping mechanism that allows easy unloading, making it ideal for municipal waste collection, construction sites, and industrial cleanup.



A tip trailer truck, also known as a tipping trailer or dump trailer, is a robust vehicle designed for the efficient transport and unloading of bulk materials such as sand, gravel, soil, agricultural produce, and construction debris. It features a hydraulic tipping mechanism that lifts the trailer bed to easily discharge the load at the desired location, saving time and labor. Widely used in construction, mining, agriculture, and infrastructure projects, tip trailer trucks offer high load capacity, durability, and operational efficiency, making them an essential asset for heavy-duty material handling tasks.



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# FAIFAI ENGINEERING

## Other Products



### SUPER SUCKER MACHINE



### Water Sprinkler Machine



### Nala Cleaning Machine

Our Trolley Mounted Nala Cleaning Machine is a compact, hydraulically operated solution designed for efficient open drain and nala desilting. Mounted on a sturdy trailer chassis, it features a robust hydraulic system with high-pressure hoses and control valves, enabling effective removal of silt and debris from drainage systems. Ideal for municipal and industrial applications, this machine ensures cleaner waterways and improved sanitation.

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# FAIFAI ENGINEERING

## Other Products



**DUMP TANK**



**CATTLE CATCHER**



**MORTUARY VAN**



**MOBILE TOILET**



**ANTY SMOG MACHINE**

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# OUR OTHER PRODUCTS



Garbage Rickshaw



Mobile Toilet



Water Sprinkler Machine



Super Sucker



Anty

Smog Machine



DUMPER PLACER



Garbage

Bin



Trolley



Loader Garbage Rickshaw



DUMPER PLACER



WHEEL BARROW



Desilting Machine



WHEEL BARROW



Road Sweeper



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# FAIFAI ENGINEERING OPC PVT LTD

## ABOUT US

At FAIFAI ENGINEERING OPC Pvt Ltd, we are committed to providing innovative and efficient solutions for solid and liquid waste management. As a leading manufacturer in the waste management sector, we design and produce a comprehensive range of high-quality machinery tailored to meet the growing environmental challenges of the modern world.

Our products are engineered with precision, ensuring optimal performance and reliability. From waste segregation and collection to processing and disposal, we offer state-of-the-art equipment that empowers businesses, municipalities, and industries to manage waste responsibly and sustainably. Our solid and liquid waste management machineries are crafted with cutting-edge technology, designed to handle various types of waste with efficiency and minimal environmental impact.

As an organization, we pride ourselves on our commitment to quality, safety, and customer satisfaction. We understand the critical role that proper waste management plays in maintaining a healthy environment, and we are dedicated to contributing to cleaner, greener communities worldwide. Our team of experts continually innovates, offering customized solutions and services to meet specific client needs, ensuring our machinery aligns with industry standards and regulations.

With a vision to be a global leader in the waste management industry, FAIFAI ENGINEERING OPC Pvt Ltd strives to provide sustainable, cost-effective solutions for waste disposal, recycling, and management. We are here to make a difference by enabling businesses and organizations to adopt eco-friendly practices and build a cleaner, safer world for future generations.

**Our Mission:** To design, manufacture, and deliver top-quality solid and liquid waste management machinery that promotes sustainability, reduces environmental impact, and supports responsible waste disposal practices.

**Our Vision:** To lead the waste management sector by innovating advanced, eco-friendly machinery solutions that contribute to a cleaner, greener planet.

Join us in our mission to transform waste into a resource and make waste management smarter, safer, and more sustainable for all.



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# FAIFAI ENGINEERING

## Our Product Summary



### Our Products

FAIFAI ENGINEERING OPC Pvt Ltd offers a wide range of solid and liquid waste management machinery designed for efficiency, durability, and environmental compliance. Our products are built to serve diverse sectors, providing smart solutions for waste collection, processing, and disposal.

#### Key Product Categories:

##### Solid Waste Management Equipment

Waste collection vehicles, composting machines, shredders, and compactors.

##### Liquid Waste Management Systems

Suction-cum-jetting machines, desludging units, and sewage treatment solutions.

##### Customized Machinery Solutions

Tailored equipment to meet specific client needs and operational scales. Every product is developed with a focus on quality, performance, and sustainability to support a cleaner and greener tomorrow.

- Trommel Machine
- Conveyor
- Shredder Machine
- Dust Removal Machine
- Hyd. Press Belling Machine
- Garbage Tipper (Open/Close) Body
- Hopper Tipper and Dumper
- Sewer Suction Cum Jetting Machine
- Desilting Machine (Nala Cleaning M.)
- Water Tanker (MS/SS/GI ) Trailer/Chassis
- Refuse/ Portable Compactor Vehicle
- Garbage Bin 1100 Liter / Dust Bin ( MS/SS)
- Dumper Placer
- Road Sweeper Machine
- Water Sprinkler/ Anty Smog Machine
- Super Sucker Machine
- Dump Tank
- Mobile Toilet on Trailer
- SKY Lift/ Boom Lift
- Cattle Catcher ( Chassis/ Trailer) Mounted
- Wheel Barrow / Garbage Cycle Rickshaw
- Mortuary Van
- Recovery Van/ Tow Truck
- Hook Loader/ Dumper Truck
- Mini Garbage Loader on E rickshaw

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LOCATION



WHASTAPP



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