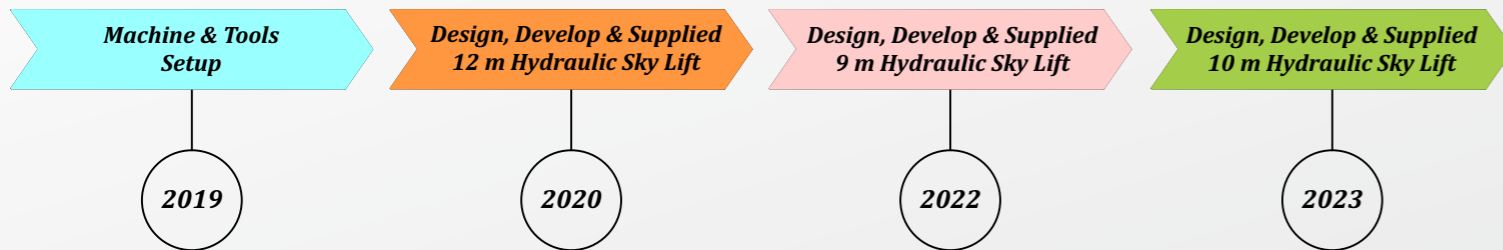


**Marsmech Smart Lift Private Limited (MSL), Formally known as KGN Engineering Works is the manufacturer of Sky Lift & Solid / Liquid waste handling equipments such as:**

Three-Wheeler Hoppers, Auto collector, Twin & Single Bin Dumper Placers, Close top tippers, Open tipper lorry, Refuse Collectors, refuse compactors, Dust Bins, Containers of all Sizes, Mobile Toilet Van, Sewer cleaning machines, Tractor Coupled Suction Machines, Super Sucker with Dump Tanks, Static Compactor, Suits and Ducts, Road Sweeping Machine and Hook Loaders, Hooper.

We are also manufacturing Knuckle Boom / Stiff Boom cranes, Tractor attachment cranes, Broadcasting vans, Animal catchers, D-silt Machine, & also Operation & Maintenance of Super Sucker Machine. We have supplied these machines to various Government organization as well as private parties in India. We have fully equipped Manufacturing Unit at Ghaziabad for manufacturing and after sales support. The Manufacturing activities are carried out by our qualified engineers and other technical professionals.

**MSL is proud of having achieved various milestones during this short span of time:**



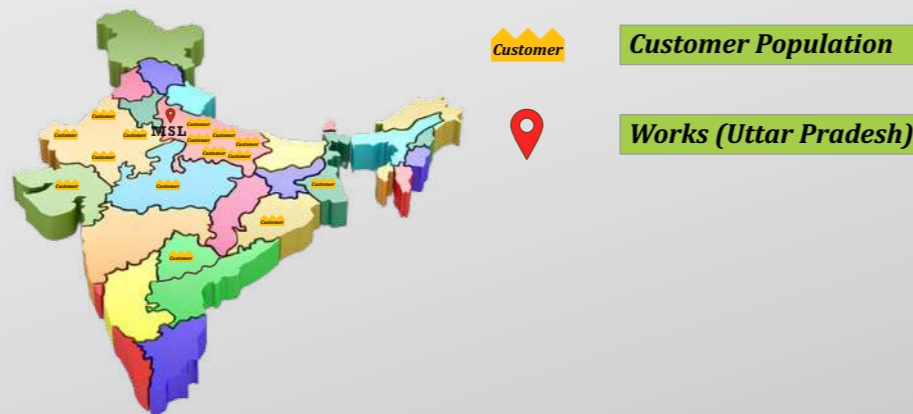
MSL is also engaged in turnkey MEP Contracting projects in Pan India offering services include Mechanical, Electrical, Plumbing, Fire Fighting & Interior Designing. Our Project Management team is proficiently managed by a trained, experienced and skilled Project Manager who assume sole responsibility for satisfactorily completion of the project. We believe in working closely with our clients to make sure every detail of the project is taken care of. Our Goal is customer satisfaction. Our services are result oriented and process driven.

We strive constantly to upgrade our technology to be on par with modern developments and provide our clients with the best solutions.

**Mission / Vision**

Our mission is to lead manufacturing sector through innovations, precision and sustainable practices. We are dedicated to crafting high quality products that drive progress while fostering a culture of excellence, integrity and social responsibility. Together, we shape a future of enduring success for our employees and clients. We always strive to design unique products. To become one of the leading manufacturing and reliable MEP contracting company in Pan India.

MSL Customer Population	
States	No. of Customer
Gujarat	1
Madhya Pradesh	1
Odisha	1
Rajasthan	4
Telangana	1
Uttar Pradesh	6
West Bengal	3



**MSL**  
(Start is the key of success)



**Works:** Nh-58, Meerut Road Indus. Area, Rapid Metro Pillar No. 649, Ghaziabad (U.P.)-201001

**Website:** [www.marsmechlift.com](http://www.marsmechlift.com) **Email:** [marketingmsl.lift@gmail.com](mailto:marketingmsl.lift@gmail.com)

**Mob:** +91 80773 18324

**MARSMECH SMART LIFT PRIVATE LIMITED**  
(Start is the key of success)

### Sky lift

**Sky lift** known as automatic lifting machine. These machines are being used for maintenance purpose in various section such as highways, Building Glass Cleaning, Municipalities works and construction etc.

#### Technical Specifications

Code	MSL/SKY/-----	Hyd. Cylinder	JSSI / Dental / Canara
Chassis	Leyland / Tata / Eicher / Mahindra	Hyd. Hoses	ISO Reputed make
Available Sizes	7, 9, 11, 14 & 16 Mtr Or as per requirement	Hyd. Tank	20-80 Litres
Material	Mild Steel IS:2062 Grade-A	Slewing	360 Degree
Thickness	3, 4, 5 & 6 mm etc.	Power Take-Off	Suitable Power Transfer Ratio From Gear Box to Drive Shaft
Hyd. Pump	20-80 LPM Gear / Vane Pump		



### Sewer Suction Cum Jetting Machine

Sewer suction machines which is used to create a vacuum that is essential for siphoning of various materials like mud, slurry, and grit from storm, sanitary, and combined sewerage systems. This machine is manufactured using the best grades of material that ensures its finest quality and high performance. This hydraulic sewer suction machine comes with an unloader or a pressure relief valve that is used for controlling the pressure.

#### Technical Specifications

Code	MSL/SSCM/-----	Jetting Pump	70 - 260 LPM
Chassis	7, 9, 12, 16, 25 Ton/Trailer Or as per requirement	Hyd. Hoses	ISO Reputed make
Tank Size	4000 - 6000 Ltrs Or Customized Tanks	Power Take-Off	Suitable Power Transfer Ratio to drive pump
Material	Mild Steel IS:2062 Grade-A	Hyd. Cylinder	For Tank tipping (1 No.) & For Door opening (2 Nos.).
Thickness	5 & 6 mm or as per requirement	Hyd. Pump	40 - 80 LPM Gear Pump
Vacuum Pump	5000 - 13000 LPM	Hyd. Motor	60 - 160 CC



### Wheel Barrows

Wheel barrow is a small hand-propelled vehicle with one or two wheels, designed to be pushed and guided by a single person using two handles at the rear, or by a sail to push the ancient wheel barrow by wind.

#### Technical Specifications

Code	MSL/WBR/-----	Tyres	Pneumatic
Dimensions	1070 x 800 x 700 mm Or as per requirement	Weight	15 - 20 Kgs
Fixed Wheels	400 mm	Load Capacity	70 - 75 Kgs



### Water Tanker

**Water Tanker** is designed to deliver, transfer water and irrigate the roads when it is necessary. Water Tankers are made of stainless steel or galvanize material having an appropriate thickness, they can be elliptical, cylindrical or "D" shaped.

#### Technical Specifications

Code	MSL/WTK/-----	Axle	1 No. Heavy Duty Rigid Axle
Chassis	Tractor Trailer Mounted Or Customized	Wheels	2 Nos.
Body Size	Elliptical Shape etc.	Drain Valve	1 No.
Thickness	2.5, 3, 5 mm Or Customized	Water Tab	4 Nos.
Sheet Material	Mild Steel IS:2062 Grade-A Or Stainless Steel etc.	Driver Type	Tractor Chassis
Capacity	500 - 10000 Liter Or Customized	Colour	As Per Customer Requirement



### Desilting Machine (Nala Cleaning)

Nala cleaning machines are important tools for maintaining the proper functioning of the drainage system, which is essential for preventing sewage backups and flooding. We provide high efficiency Nala cleaning machine manufactured with high grade material and hydraulic system for end use.

#### Technical Specifications

Code	MSL/DSM/-----	Hyd. Cylinder	1 No. for Bucket, 2 Nos. for Stabilizers, 2 Nos. for Boom
Chassis	Mounted on Tractor Trailer Or as per requirement	Hyd. Routing	Provides High Pressure Hoses Or Pipings
Size	3 to 5 Cum.	Axle	1 No. Heavy Duty Rigid Axle
Material	Mild Steel IS:2062 Grade-A	Wheels	2 Nos.
Thickness	2, 2.5, 3 & 5 mm or as per requirement	PTO Gear Box	Suitable Power to Drive System
Hyd. Pump	40 - 80 LPM		



### Dustbins

Dustbin is an essential thing at home or any public place. We provide high quality Dustbins which can be used in schools, offices, hotels, malls, parks and any other public place.

#### Technical Specifications

Code	MSL/DSB/-----	Capacity	100 Ltrs Or As per requirement
Top Dimension	As per requirement	Weight	5 Kgs
Material	Steel and Plastic		



### Knuckle Boom Crane

Our knuckle boom cranes are designed to provide safe and efficient lifting solutions for various industries, including construction, shipping, and manufacturing.

#### Technical Specifications

Code	MSL/KBC/-----	Slewing Angle	360 Degree
Lifting Moment	6 - 9 Ton-m	Slewing Torque	10.7 K-Nm
Max. Reach	9.8 m	Weight	1200 - 1400 Kgs (Approx)
Lifting Height	11.7 m	Tank Capacity	70 Ltrs
Rec. Oil Flow	27 Ltr/min		
Work. Pressure	300 Bar		



### Recovery Vehicles

**Recovery vehicle** is one that is specially designed, built or adapted to recover broken-down vehicles. It must be fitted with a crane, winch or other lifting systems specifically designed to recover vehicles. We provide efficient towing recovery vehicle, Hydraulic recovery van, Under lift recovery vehicle, Diesel recovery truck and Ramp type recovery cranes.

#### Technical Specifications (1 Ton & 2.5 Ton Hydraulic Recovery Vehicle)

Code	MSL/RCV1/-----	MSL/RCV2.5/-----
Body Width	1860 mm	1960 mm
Boom	Retracted - 2600 mm, Extended - 3750mm	Retracted - 2000 mm, Extended - 2550 mm
Boom Angle	28 Degree	62 Degree
Underlift Arr.	Retracted - 900 mm, Extended - 1510 mm	Retracted - 1480 mm, Extended - 2230 mm
Tow Capacity	2400 Kgs	2550 Kgs



### Traffic Barricade

We provide multiple choice barricades which include metal police barricade, metal barricade, expandable metal barricade. These barricades available in vibrant colour that generates maximum visibility.

#### Technical Specifications

Code	MSL/TBR/-----	Colour	Yellow or as per requirement
Dimensions	6' x 4' or as per requirement	Weight	26 Kgs (Approx)
Material	Metal		



### Cattle / Animal Catcher

We provide well designed **Cattle / Animal Catcher** for animal pickups and transportation. These Vehicles are specially designed for the transportation of stray both alive and dead. We use chequered sheet in flooring for non- slippery surface.

#### Technical Specifications

Code	MSL/ACT/-----	Side Sheet	3 mm Or Customized
Chassis	Tata, Ashok Leyland (Supplied by client)	Hyd. Cylinder	2 Nos.
Bottom Sheet	5 mm Thickness	Material	Mild Steel IS:2062 Grade-A



### E-Rickshaw Tipper

We provide multiple range of efficient E-rickshaw tippers. These tippers are very useful for door to door garbage collection in small towns and societies.

#### Technical Specifications

Code	MSL/ERT/-----	Vehicle Weight	410 Kgs
Wheel Size	3.00 - 17", 6PR	Gross Weight	720 Kgs
Range	65 - 70 Km / Charge	Load Capacity	350 Kgs
Battery Cap.	4.72 KWH Lead Acid / 3.75 LI-ION	Wheels	2 Nos.
Tipping Angle	35 Degree	PTO Gear Box	Suitable Power to Drive System
Max. Speed	25 KMPH		



### Auto Collector / Tippers / Close Tippers

**Auto collector** is used for door to door collection of garbage and dump it in refuse collection sites. We provide high quality of open / close tippers with hydraulic lift arrangement.

#### Technical Specifications

Code	MSL/ACTP/-----	Bottom	14 GMS Sheet
Capacity	1.2 / 2 / 4 m <sup>2</sup>	Door	18 GMS Sheet
Side / Top	16 GMS Sheet	Endgate	Hinged type with locking arrangement



### Fog Cannon Dust Suppression Machine

**Fog cannon sprayer** can be used for urban demolition dust suppression, mining areas, thermal power plants, port terminals, urban air pollution, excessive dust area, metallurgy, chemical, coal, steel, construction, gardens, public places and other places mist dust, cooling.

#### Technical Specifications

Code	MSL/FCM/-----	Rotary	360 Degree
Air Temp.	10 - 45 Degree	Power	3 - 22 KW
Spraying Dist.	30/40/50/60/100 Gun Fog Cannon	Size of Spraying Drops	20 - 200
Nozzle	10 - 120		
Material	Stainless Steel		
Pump Motor	3 - 7.5 KW		



### Portable Cabin / Mobile Cranes Cabin / EOT Cabin

We provide high quality cabins for hydraulic mobile cranes and EOT cranes. We also provide Portable cabins for uses such as site office, security cabin.

#### Technical Specifications

Code	MSL/CAB/-----		
Material	Mild Steel IS:2062 Grade-A		
Thickness	3, 4 & 5 mm		
Glass	Toughened & Safety glass		
Interior	As per requirement		



### Portable / Mobile Toilet

The portable toilet is used in a variety of situations, for example in urban slums of developing countries, at festivals, for camping, on boats, on construction sites, and at film locations and large outdoor gatherings where there are no other facilities.

#### Technical Specifications

Code	MSL/MBT/-----	Shape	Cabinet Or Customized
Size	3' x 3.5' x 7' Or Customized	Colour	As per requirement
Material	Mild Steel IS:2062 Grade-A		



### Hand Pallet / Pallet Stacker / Drum Stacker

We provide high quality Hand Pallet / Pallet Stacker / Drum Stacker for floor transportation of goods or moving and handling pelletized materials with ease.

#### Technical Specifications

Code	MSL/HPT/-----	MSL/PSM/-----	MSL/DSM/-----
Lift. Capacity	2.5, 3 & 5 Ton	3 Ton	200 - 350 Kgs
Application	Loading and Unloading Goods	Loading and Unloading Goods	Loading and Unloading Goods
Wheel Material	Nylon, PU	Nylon, PU	Nylon, PU
Lift Drive / Actuation	Hand Operated	Hand Operated	Hand Operated
Fork Size	Length - 1500 mm	Length - 800 mm, Width - 200 mm	Length - 1500 mm



### High Lift Pallet Truck / Battery Operated Pallet Truck

These Pallet trucks are mostly used in warehouses for moving goods within the confines of the warehouse. Depending on the design, some battery operated pallet trucks have platform that let user stand while moving pallets.

#### Technical Specifications

Code	MSL/HLPT/-----	MSL/BOPT/-----
Lift. Speed	Manual	Manual
Application	Loading and Unloading Goods	Loading and Unloading Goods
Wheel Material	Nylon, PU	Nylon, PU
Lift. Capacity	1500 Kgs	1500 Kgs
Height	-	3 Mtrs



### Hydraulic Drum Truck

**Hydraulic Drum Truck** offers the ideal solution to low cost stand alone drum handling. It can effortlessly pick up the drums with hydraulic lift and maneuverability can be done with oversized rollers.

#### Technical Specifications

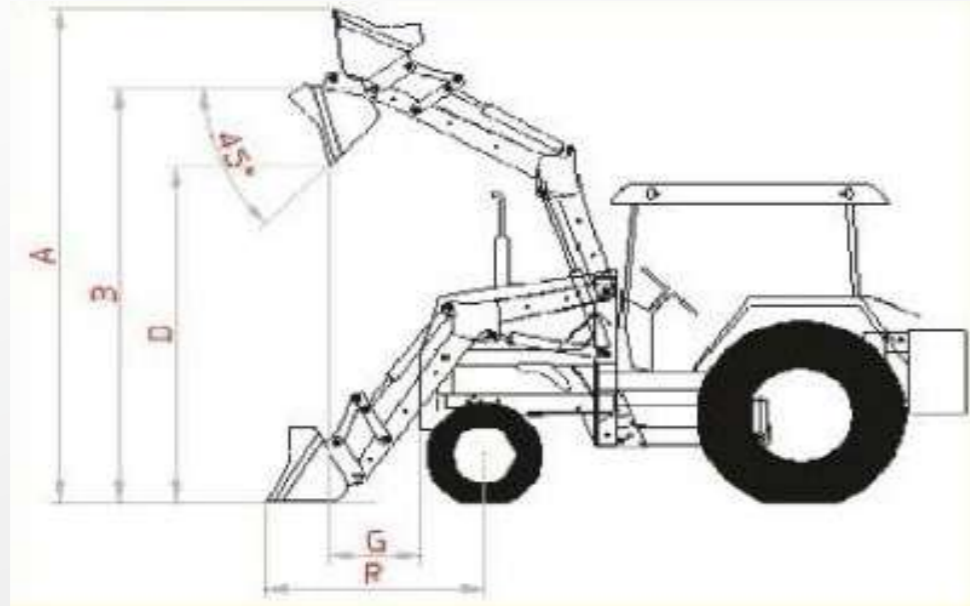
Code	MSL/HDT/-----	Colour	As Per Requirement
Load Capacity	500 - 1000 Ltrs	Material	Mild Steel IS:2062 Grade-A
Wheels	3 Nos. Heavy Duty Caster Wheels		



## Tractor Loader Attachment

### Technical Specifications

Code	MSL/TLA/-----	Safe Weight Lift Cap.	400 Kgs
Max. Operating Height (A)	12'	Max. Reach At Dump	1'-2"
Max. Pivot Height	10'-2"	Reach From Tractor	5'-2"
Max. Load Over Height	9'-6"	Roll Back (Deg.)	42
Dump Height @45 Deg.	8'-5"	Dump Angle (Deg.)	40
Bucket Lifting Cap. (Cuft)	12.7	Dig Depth	4"



### Salient Features

1. Affordable Machine
2. Low Maintenance Machine
3. Rugged Structure of High Grade Steel
4. Bucket Designed To Load More Material
5. Load Material At Extra Height

## Centerless Grinding Machine

### Technical Specifications

Code	MSL/CLG/120	MSL/CLG/80
Heavy spindle Grinding Wheel size	500 mm	400 mm
Dia Width	200 mm	200 mm
Bore Size	300 mm	200 mm
Control Wheel Size	400 mm	300 mm
Dia Width	200 mm	200 mm
Bore Size	150 mm without center jobs	150 mm without center jobs
Dia	3mm to 30 mm	3mm to 20 mm
Length	Unlimited	Unlimited



## CNC Turning Machine

### Technical Specifications

Model	Job Work Dia	Length Without Center
MSL/TC/100	5 - 70 mm	10 - 100 mm
MSL/TC/150	5 - 165 mm	200 mm
MSL/TC/200	10 - 200 mm	400 mm
MSL/TC/250	15 - 250 mm	450 mm



**Other Products**

We also deal in JCB & automobile spares.

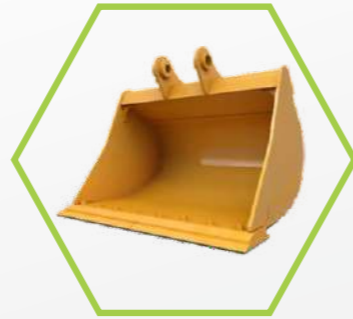
**JCB 3dx Spares**



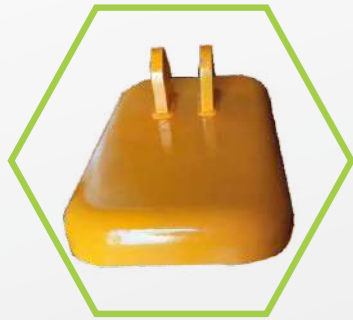
**Half Outer**



**Tipping Lever**



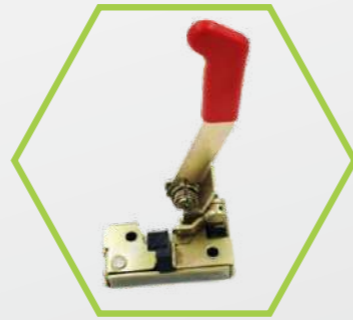
**Bucket**



**Foot Draw**



**Roof**



**JCB Lock**



**Window Catcher**



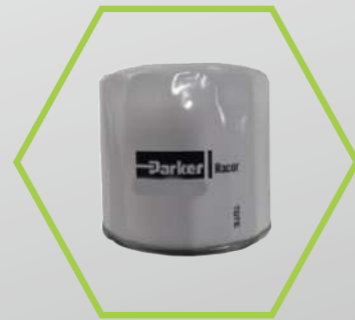
**Fuel Filter**



**Water Separator**



**Lube. Filter**



**Trans. Filter**



**Air Filter Set**

**Other Products**



**Filter Kit**



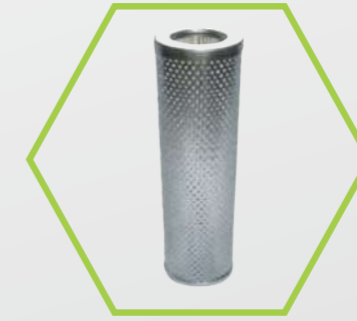
**Hydraulic Pump**



**Steering Unit**



**Solenoid Valve**



**Hydraulic Filter**



**Tooth**

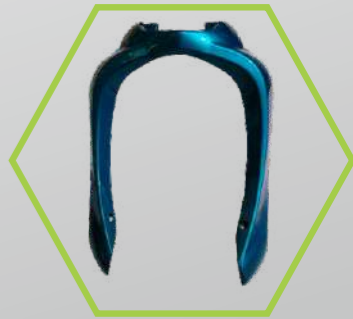
**Automobile Spares**



**Mudguard**



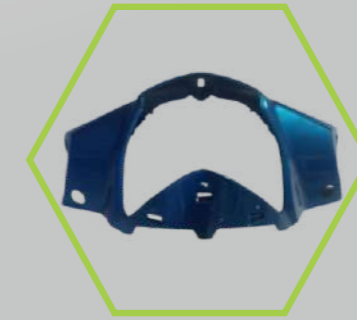
**Scooty Visor**



**Front Shield**



**Side Cover**



**Bike Visor**



**Cold Start Kit**

## Other Services:

We also offers a complete range of MEP services include Design, Build, Installation & Maintenance for Commercial, Industrial & Residential Projects.

## Mechanical Specialization

- Heating, Ventilation & Air Conditioning (HVAC) System
- All type of Air Conditioning System
- Chilled Water System, Chiller Plants, Cooling Towers, FAU, AHU, FCU
- Refrigeration and Low Temperature Projects
- Duct Works & Installation
- Ventilation Systems
- Inspection, Surveys & Reports of Existing Installations



## Electrical, Fire Alarm & Emergency Lighting System Specialization

- Electrical Engineering (Design & Product Selection)
- Installations of Electrical Panel Systems like MDBs, Panels, SMDBs, DBs / Capacitor Banks
- BMS Installation
- Busbar System Installation
- Cable Laying & Termination Works
- Electrical Containment Systems
- Low Current System & Low Voltage System
- Power Distribution



## Plumbing Services Specialization

- Design & Installation of plumbing, drainage and sanitary systems
- Pump & Tank Installation
- Complete Piping Works
- Sanitary wares fixing
- Sewage Treatment Plants
- Water Treatment Plants
- Potable Water Booster Systems
- Testing and Commissioning



## Fire Fighting Systems & Services Specialization

- Design, Installation and Servicing of Fire fighting systems
- Automatic sprinklers/Wet Riser/Dry Riser/ Fire Pumps
- Foam System
- Fire Alarm & High Sensitivity Smoke Detection (HSSD)
- Emergency Lighting (Self Contained, Monitored & Central Battery)
- Fire Water Tanks
- Testing and Commissioning



## Interior Specialization

- Interior Space Planning
- All Type of Civil Construction
- Furniture layout & Space Planning
- Tile & Surface Selection
- Hardware & Plumbing
- Colour & Paint Selection
- POP Designing

