



**Manufacturer of Special Application
Trucks, Pumps & Equipment**

WHO WE ARE

With more than 40 years in the special application vehicle industry, Meraj has evolved from a small workshop to one of the leading OEM, assembler and international supplier of fire trucks and pumping systems. The company has developed various special application vehicles such as Fire-Fighting Vehicles, Municipal Vehicles, Cranes, Access Platforms, Fuelers, Refuellers and several Disaster Management Vehicles catering to customer requirements in various parts of the world.

Over the years, along with the special purpose vehicles, Meraj has also developed a wide range of fire protection and firefighting equipment. The scope of our equipment ranges from personal protection gear to technical equipment bearing numerous variants of products based on brands, certifications and specifications. Our technical staff and sales team ensure that the equipment offered meets the specific requirements of each customer which differ in various parts of the world.



OUR MISSION

- Provide the most innovative and advanced technology to ensure safety in every aspect
- Provide world class special application vehicles and equipment globally
- Attain high standards of responsibility and customer satisfaction

OUR VISION

- To expand our regional footprint globally; stay uncompromising in order to ensure safe, secure and unrivaled, world class protection provided by our supreme products and services.
- To ensure investments in products, facilities and human resource are based on long-term goals – not short-term gains

IN-HOUSE FACILITIES & CAPABILITIES:

- Use of manufacturing facilities equipped with latest CNC technology for precise & efficient production
 - Participate in ICB and deliver diversified vehicles throughout the world.
 - Maintain a large stock of components and equipment to meet emergency requirements.
 - Deliver products and components in accordance with applicable standards and norms.
 - Ensure attractive warranty commitments along with quick and efficient after sales services.
- Equipped to handle designing, programming, fabrication, manufacture and assembly as well as testing, inspection and training at par with international industry practices.

CORPORATE PHILOSOPHY

Meraj International manage its corporate operations under the corporate philosophy of contributing to the constant advance of engineering society by being innovators in the field backed with stable supplies of the resources, materials and related value-added technologies paramount of consumer satisfaction. In this way, as a respectable corporate entity of sustainable value, we actively aspire to become the creators of a safe and efficient society where our contributions and innovations are rewarded with repeated orders.

Meraj International believes in developing and treasuring relationships with every individual who has ever been under our sphere of professional acquaintance – whether it's a customer, distributor, an employee, or a competitor. Our relationships define us and lay the foundation of our professional integrity.

Our Code of Ethics includes clear statements regarding our zero-tolerance approach to bribery and corruption. The company and its employees are bound by the law. Compliance with all applicable laws and regulations is one of our top priorities regardless of the region of the world we are operating in.



POLYPRODUCTION

Meraj Poly production facility is equipped with advanced machinery for plastic fabrication. The manufacturing capabilities have been multiplied in terms of quantity as well as quality by the latest addition of CNC cutting and butt-welding machines. Our team of experienced engineers and fabrication team especially dedicated for Plastic tank designing, FEA analysis and manufacturing work endlessly to deliver the most competent product.

Meraj polypropylene tanks offer an efficient and innovative corrosion free solution for the hot Middle Eastern and African climate. The customized polypropylene tanks are lighter than steel tanks and can be offered with a capacity ranging from 500 liters up to 15,000 liters. These acid-resistant, watertight extinguishing tanks are made using latest welding technology and techniques. The special plastic is developed for a wide temperature range and is 100 %safe to carry water for drinking. The ready-made tanks are polished and provided with high-quality vehicle paint in the vehicle color.

FIRE FIGHTING VEHICLES

- Aviation Fire Trucks (ARFF)
- Urban Fire Fighting Trucks
- Industrial Fire Trucks
- Hydraulic Aerial Rescue Platform
- Rapid Intervention Vehicle



FIRE FIGHTING VEHICLES

Aviation Fire Trucks



MERAJ ARFF 4x4 and 6x6
Built on Commercial Chassis (MAN / MERCEDES / VOLVO)
According to ICAO regulation
Capacities 3000 Liters to 12,000 Liter with Poly Propylene Tanks
Complete with High Quality Fire Fighting Equipment

Urban Fire Trucks



MERAJ Fire Fighting Trucks model MFT
Built on European and Japanese Trucks
Capacity 3,000 Liters up to 15,000 Liters
Normal / High Pressure Pump as per EN Standard
Option to Include DCP / CO2 Module
Complete with High Quality Fire Fighting Equipment

Industrial Fire Trucks



MERAJ Industrial Fire Trucks Model MIFT
Built on European and Japanese Chassis
Capacity 5000 Liter up to 15,000 Liters Water / Foam Poly Propylene Tanks
Equipped with Foam System and Hydraulic Platform
High Capacity DCP and CO2 Module available as Option
Complete with High Quality Fire Fighting Equipment

Hydraulic Aerial Rescue Platform



MERAJ Assembled Aerial Platform Ladder
Based on Bronto® HDT Range
Based on European and Japanese Chassis
Available Working Height 32 – 54 Meters
With Variety of Option like Water / Foam Tank made of Poly Propylene
Fire Pump, Foam System and Remote-Control Fire Monitor
Complete with High Quality Fire Fighting Equipment

Rapid Intervention Vehicle



Meraj Rapid Response Vehicle model MRIV
Built on ISUZU Chassis
Fitted with Ultra High-Pressure Water / Foam System
Economical Solution for Emerging Markets / Small Towns
Complete with High Quality Fire Fighting Equipment

MUNICIPAL VEHICLES

- Combined Suction/Jetting Vehicle
- Hydraulic Work Platform
- Compactor*
- Hook Loader*
- Water Bowzer*
- Skip Loader*

* Not available for all regions



MUNICIPAL VEHICLES

Combined Suction/Jetting Vehicle



MERAJ Manufactured Combined Suction and Jetting Vehicle
Separate Variant for only Suction or Jetting Vehicle are available
Built on Leading European and Japanese Chassis 4x2, 4x4, 6x6, 8x4
High Performance Suction Pumps, Jetting Pump, Hydraulic Drive and Equipment
Complete with High Quality Accessories
Built on Japanese and European Chassis

Hydraulic Work Platform



MERAJ Assembled Hydraulic Work Platform
Working Height 5 meters to 55 Meters
Option is available for High Insulation to work on Live Line
Built on Japanese and European Chassis

Compactors



MERAJ Manufactured Refuse Compactors
Capacity 7 m3 to 24 m3
Built on European and Japanese Chassis
Available with Manual as well as Automatic Loading Option
Built on Japanese and European Chassis

Hook Loader



Meraj Assembled Multi-Purpose Arm Roll (Hook Loader)
Available with capacity ranging from 4 tons to 26 tons
Hook Lift can be used to carry a variety of structures
Equally suitable for Fire and Rescue Application
Offered with a variety of Body Designs
Built on Japanese and European Chassis

Water Bowzer



MERAJ Manufactured Water Bowzer model MWB
Capacity 4500 Liters to 22,500 Liters
Fitted with MERAJ PTO Driven Self Priming Pumps
Suitable for Water Supply also to feed Fire Trucks
Built on Japanese and European Chassis

Skip Loader



MERAJ Assembled Hydraulic Skip Loader
Available with Rear as well as Side Loading Container
Capacities available from 6 tons to 18 tons
Offered with a variety of bin designs
Built on Japanese and European Chassis

SPECIAL PURPOSE VEHICLES

- Wrecker/Tow Trucks for Police and Military
- Flat Bed Recovery Vehicle
- Pressured Fuel Bowzers with Aluminum/SS Tank
- Truck Mounted Crane*



SPECIAL PURPOSE VEHICLES

Wrecker/Tow Trucks for Police



MERAJ Assembled Tow Trucks and Wreckers
Capacity 2 Tons up to 75 Tons Capacity Fixed Boom or with 360 degree Rotation
Built on European and Japanese Chassis 4x2, 4x4, 6x6
Available for Civil as well as Military Application
Complete with High Standard Accessories for Towing and Recovery

Flat Bed Recovery Vehicle



MERAJ Assembled Flat Bed Recovery Chassis
Capacity 5 tons up to 30 Tons
Built on European and Japanese Chassis 4x2, 4x4, 6x6
Complete with High Standard Accessories for Towing and Recovery

Pressured Fuel Bowsers with Aluminum/SS Tank



MERAJ Manufactured Fuel bower Model MFB
Available for Jet Fuel and Diesel Fuel
Aluminum Tanks/SS Tanks, Fuel Pumps/ Filtration System, Hose Reel
Built on European and Japanese Chassis 4x2, 4x4, 6x6

Truck Mounted Crane



MERAJ Assembled Truck Mounted Cranes
Available in Fixed Boom as well as Articulated Boom
Capacity 1 ton-m to 100 ton-m
Built on European and Japanese Chassis 4x2, 4x4, 6x4, 6x6, 8x4

Wrecker/Tow Truck 6X6 Version



MERAJ Assembled Wrecker
Capacity 30 tons
Built on RMVV Chassis
With High Standard Towing and Recovery Equipment

FIRE FIGHTING & MUNICIPAL PUMPS

MERAJ is a premium manufacturer of self-priming and end-suction Centrifugal Pumps. All MERAJ pumps are fitted with self-adjusting mechanical seals and tested as per ISO 9066 Standards. MERAJ offers a vast range of pumps as per following models and ranges:



MT PUMPS

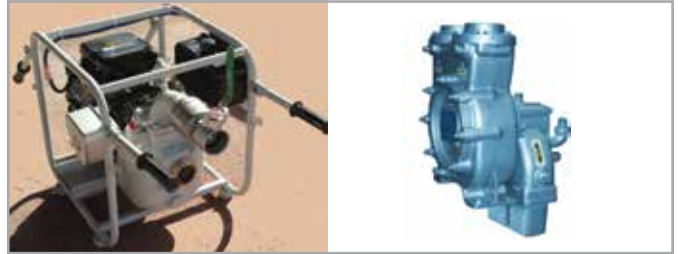
MERAJ MT Series are Self Priming, non-clogging, centrifugal pumps ranging from 3" to 12" diameter.

Key Features

- Ductile Iron Construction as per ASTM standards
- Cast Steel ASTM -A 48 impeller/ Stainless Steel impeller also available
- Stress Proof SAE-1144 Steel Shaft
- Highly Adjustable Impeller Clearance

Applications

Sewage, Dewatering, Sludge, Industrial waste, slurry, Viscous and heavy fluid



UT PUMP

MERAJ UT Series are all self-priming single-stage, centrifugal high pressure pumps with axial suction port, radial discharge port and horizontal shaft. Sizes range from 1" to 4"

Key Features

- Available with or without gearbox for PTO
- Aluminum alloy or bronze construction
- Self-adjusting Mechanical Seal
- Available with Honda engine (Portable version)

Applications

Water supply, industrial pressure boosting, industrial liquid transfer, HVAC (heating, ventilation and air-conditioning), and irrigation.



ST PUMP

Meraj ST pumps are end-suction pumps ranging in size from 4" to 24". These are ideal for municipal use due to their robust design, durability and reliability.

Key Features

- Cast Steel ASTM -A 48 impeller/ Stainless Steel
- Stress Proof SAE-1144 Steel Shaft
- Highly Adjustable Impeller Clearance
- Option of Dry Priming Vacuum Assistance
- ST Pumps also recommended for Vertical mount

Applications

Water supply, sewage water and other municipal uses



FP Pump

FP series pumps are the single stage, centrifugal pumps with PTO technology to meet the high-pressure flow rate which range from 325-1500 GPM needed for major high-pressure application. It is available with 2 or 3 gears transmission and allows for the addition of a high-pressure booster pump or Fire Fighting application.

Key Features

- Bronze Impeller
- Self adjusting mechanical seal
- Available with independent primer pump

Applications

Aerial, Crash Fire Rescue, Industrial Pumper, Pumper Tanker, Rescue Pumper, Tanker

RANGE OF EQUIPMENT



FIRE-PUMPS



NOZZLES



PERSONAL PROTECTION



BREATHING-EQUIPMENT



HYDRAULIC TOOLS



DCP MODULES



AERATION



MONITORS



FOAM



FIRST AID EQUIPMENT

















ALARM-SIGNAL INSTRUMENTS



ESCAPE CHUTE



 PAKISTAN	 SRI LANKA	 OMAN	 KENYA	 MALI
 AFGHANISTAN	 NEPAL	 UAE	 TANZANIA	 MAGNOLIA
 BANGLADESH	 SAUDI ARABIA	 ETHIOPIA	 UGANDA	



T : +971 6-5262133 F : +971 6-5262130 E : info@merajinternational.com
 Plot No 1H - 42A , Phase 1, Hamiyah Free Zone
 P.O.Box 50227, Sharjah - United Arab Emirates
 🌐 www.merajinternational.com

