FROZENFIRE®
INDUSTRIES LLP
Mfg. of Fire Fighting Equipments

MOBILE FOAM TROLLEY UNIT

Frozenfire FRP Mobile Foam Trolley Unit

Product Description

The FROZENFIRE FRP Mobile Foam Trolley Unit is a self-contained, portable firefighting system designed for rapid and effective control of Class B hydrocarbon fires. Engineered for mobility and ease of operation, the unit combines a high-strength **FRP (Fiber Reinforced Plastic)** foam concentrate tank with a high-performance Foam Branch Pipe to generate high-quality aspirated foam for extinguishing flammable liquid fires.



Designed for industrial and commercial fire protection applications, the trolley unit enables quick deployment without the need for complex installation. Its rugged construction, lightweight design, and excellent corrosion resistance make it suitable for both indoor and outdoor use, even in harsh operating environments. Available in **100, 150, and 200-litre capacities**, the unit provides flexibility to meet varying firefighting requirements across different industries.

The foam branch pipe is securely mounted on the trolley for convenient storage and immediate accessibility during emergencies. When connected to a pressurized water supply, the system proportionally mixes foam concentrate with water to produce a dense, stable foam blanket that rapidly suppresses flames, cools burning surfaces, and prevents re-ignition.

The durable FRP tank is resistant to corrosion, UV exposure, chemicals, and weathering, ensuring a long service life with minimal maintenance. Mounted on a heavy-duty powder-coated steel trolley fitted with large solid rubber wheels, the unit can be easily transported by a single operator over factory floors, warehouses, loading docks, and industrial sites.

The Frozenfire FRP Mobile Foam Trolley Unit is an ideal firefighting solution for protecting fuel storage areas, chemical processing facilities, aircraft hangars, marine terminals, refineries, warehouses, power plants, and other high-risk locations where immediate foam application is critical.

Features

- Available in 100 Litre, 150 Litre, and 200 Litre capacities
- High-strength FRP (Fiber Reinforced Plastic) foam concentrate tank
- Lightweight, corrosion-resistant, and weatherproof construction
- Complete mobile firefighting unit with aspirating foam branch pipe
- Produces high-quality aspirated foam for rapid fire suppression
- Heavy-duty mild steel trolley with durable powder-coated finish
- Large solid rubber wheels for smooth mobility
- Ergonomic stainless steel push handle for easy transportation
- Secure mounting arrangement for foam branch pipe
- Wide filler opening for easy filling and maintenance
- Drain arrangement for convenient cleaning and servicing
- Low maintenance with long operational life
- Suitable for indoor and outdoor firefighting applications

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Website: www.frozenfire.in

Accessories

Frozenfire Foam Trolley Consisting of following equipment's as per demand:

- Foam Maing Branch FB-5 / FB-10 depend upon requirement
- Inline Inductor with flow Capacity of 225Lpm /450 lpm@7Kg/cm2
- Two Numbers Fire Hoses 7.5Mtr / 15Mtr / 30Mtr in Type- A(Canvas) / Type-2(Elastomeric)/ Type-B (Rubber)
- Aqua Fim Forming Foam 3% / 6% (20Ltr Jerry Cane / 200Ltr Drum)

Typical Technical Specifications

Parameter	Specification
Product Type	Mobile Foam Trolley Unit
Tank Capacity	100 L, 150 L, 200 L
Tank Material	Fiber Reinforced Plastic (FRP)
Trolley Frame	Heavy-duty Powder-Coated Mild Steel / Stainless Steel
Foam Branch Pipe	Aluminum / Stainless Steel
Inline Inductor	Aluminum / Stainless Steel / Gun Metal
Flow Capacity	225Lpm / 450Lpm @ 7Kg/cm2
Foam Type	AFFF / AR-AFFF / Protein Foam Compatible
Hoses	provision to accommodation of 2 Nos hoses
Finish	Corrosion & UV Resistant
Mobility	Two Heavy-Duty Solid Rubber Wheels
Operation	Manual
Installation	Portable / Mobile
Maintenance	Low

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Applications

The Frozenfire FRP Mobile Foam Trolley Unit is recommended for:

- Oil & Gas Industries
- Petrochemical Plants
- Chemical Manufacturing Facilities
- Fuel Storage Depots
- Tank Farms
- Aviation & Aircraft Hangars
- Marine & Port Facilities
- Refineries
- Power Plants
- Warehouses & Logistics Centers
- Paint & Solvent Storage Areas
- Loading & Unloading Bays
- Manufacturing Industries
- Fire & Rescue Services

Advantages

- Quick deployment during fire emergencies
- Lightweight yet exceptionally strong FRP construction
- Excellent resistance to corrosion, chemicals, and UV exposure
- Easy transportation by a single operator
- Reliable foam generation for effective Class B fire suppression
- Suitable for long-term outdoor installation
- Minimal maintenance requirements
- Available in multiple capacities to suit various risk levels
- Rugged construction for demanding industrial environments

Overview

The Frozenfire FRP Mobile Foam Trolley Unit is a dependable, portable firefighting solution designed to provide rapid foam application for controlling flammable liquid fires. Combining a corrosion-resistant FRP foam tank, heavy-duty mobile trolley, and high-performance foam branch pipe, the unit delivers reliable operation, excellent mobility, and long service life. Available in 100 L, 150 L, and 200 L capacities, it offers an efficient and economical fire protection solution for industrial, commercial, marine, and aviation applications where immediate foam firefighting capability is essential.

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