

Roll & Foam Mobile Foam Attack System



Roll & Foam 4045A-30 Mobile Foam Attack System

The **Roll & Foam 4045A-30 Mobile Foam Attack System** is a self-contained, transportable unit designed to convert a pressurized fire hose line, a water distribution line, or a water main into **a mobile foam generation and delivery station**.

Compact and wheeled, this system provides a rapid means of foam attack near the hazard. The unit can be set up and begin discharging foam in **less than a minute**, making it a particularly well-suited solution for industrial environments, warehouses, storage facilities, mines, ports, marinas, and aircraft hangars.

A mobile unit for quickly establishing a foam attack line

The Roll & Foam system utilizes an existing pressurized water supply to deploy a mobile foam firefighting solution. The system integrates the foam concentrate tank, hose, and all necessary equipment for foam production and discharge into a single unit.

This design makes it easy to position the equipment close to the incident site and provides a self-contained system without the need for a dedicated, fixed foam-generation facility.

Class A Foam Configuration

In its **Class A foam** configuration, the system includes a **Scotty foam ejector rated at 125 liters per minute and set to 1%**, as well as a **125-liter-per-minute foam-handheld nozzle** equipped with a pistol-grip shut-off valve.

The supply tank must be filled with the appropriate foam concentrate before the system is deployed. Once connected to a pressurized water supply, the unit meters the foam concentrate and discharges the foam solution.

Configurable for Class B foam

The **Roll & Foam 4045A-30** can also be configured for **Class B foam**. This capability allows the system to be adapted to operational needs and the nature of the risk being protected.

For this application, the documentation specifies a **130 l/min air-inductive foam nozzle** with a pistol-grip shut-off.

53-liter mobile foam concentrate tank

The system is equipped with a **wheeled supply tank with a capacity of 14 gallons**. Its mobile design makes it easy to move and position near the water supply and the response area.

The unit weighs approximately **10 kg when empty** and measures 86.36 × 48.26 × 39.37 cm (H × W × D), offering an attractive balance between foam capacity, mobility, and compact size.

Integrated 15-meter fire hose

The Roll & Foam is equipped with a **15-meter flat hose**. This length allows the operator to keep the mobile unit close to its water supply while maintaining an appropriate working distance to deploy the foam- handheld nozzle.

Technical Specifications of the Roll & Foam 4045A-30

- **Type:** Mobile foam attack and generation system
- **Model:** Roll & Foam 4045A-30
- **Tank capacity:** 53 liters
- **Configuration:** mobile tank on wheels
- **Flat hose length:** 15 meters
- **Class A foam proportioner flow rate:** 125 l/min
- **Class A ejector concentration:** 1%
- **Flow rate of Class A foam handheld nozzle:** 125 l/min
- **Class B configuration:** available
- **Flow rate of air-inductive foam nozzle:** 130 l/min
- **Nominal operating pressure:** 3.5 to 10 bar
- **Swivel injector connection:** 1 1/2" NPSH
- **Adapter:** BSP thread adapter included
- **Empty weight:** 10 kg
- **Dimensions:** 86.36 × 48.26 × 39.37 cm (H × W × D)
- **Setup time:** Foam can be sprayed in less than one minute

Materials designed to withstand demanding environments

The injector, pistol grip, and nozzle base are made of **fiberglass**. The valve and the “ handheld nozzle ” are made of **glass-fiber-reinforced engineering nylon**.

This design provides the system with excellent durability and good corrosion resistance—two important characteristics for equipment used in firefighting operations and industrial environments.

Where should a mobile foam attack system be used?

Thanks to its mobility and rapid deployment, the Roll & Foam is particularly well-suited for facilities where a foam-generating solution must be able to be moved and quickly connected to an available water supply.

- Industrial sites and facilities
- Warehouses
- Lumber yards
- Mines
- Distribution centers
- Schools
- Marinas
- Ports
- Aircraft hangars

The Benefits of the Roll & Foam Mobile System

- Self-contained, mobile unit on wheels
- Quick deployment, with foam discharge in less than a minute
- Integrated 53-liter foam concentrate tank
- 15-meter flat hose
- Flow rate of 125 l/min in Class A configuration
- 1% concentration for Class A foam
- Can be configured for Class B foam
- Operating range from 3.5 to 10 bar
- BSP adapter included
- Durable, corrosion-resistant construction

MMF, a specialist in foam fire suppression equipment

MMF offers fire safety professionals solutions for the production, metering, and discharge of foam. The **Roll & Foam 4045A-30 mobile system** meets the needs of users seeking a portable solution capable of utilizing an existing pressurized water supply to quickly deploy a foam attack.