fire protection
TECHNOLOGIES

GASEOUS SUPPRESSION | WATER SUPPRESSION | FOAM SUPPRESSION | EXPLOSION PROTECTION | FIRE DETECTION | MILITARY & DEFENCE | SPECIAL APPLICATIONS | SUPPORT SERVICES





Foam equipment

for all scenarios







fomtec
Fire Fighting Foams & Equipment



Foam concentrates and foam systems for

all applications

SYNTHETIC FOAM CONCENTRATES
AFFF 1%, 3%, 6%
AFFF ARC 1x1, 1x3, 3x3, 3x6, 6x6
Multi purpose MB5, MB15, high expansion foams
Class A foams and ready to use-foam solutions
- UL, FM, EN, ICAO, LASTFIRE and SOLAS approvals

PROTEIN FOAM CONCENTRATES
Protein 3%, 6%
Flouro protein 3%, 6% FFFP 3%, 6%
FFFP ARC 1x3, 3x3, 3x6
- UL, FM, EN, ICAO, LASTFIRE and SOLAS approvals

PORTABLE FOAM HARDWARE
Nozzles and branch pipes
Inductors
Portable water / foam monitors
Trailer mounted water / foam monitors

FIXED FOAM HARDWARE
Fixed water / foam monitors
Inductors and proportioners
Foam systems
Foam proportioning systems
Tank protections
High expansion system

DRY CHEMICAL POWDERS
ABC-powders
BC-powders
D-powders
- EN 615 approvals

SERVICES
In-house product training
Customer seminars
Customer seminars for distributors
System design
Foam lab analysis

PRE-ENGINEERED SYSTEMS
Foam
Powder
Twin agent
Inert gas

FIRE PRODUCTS
Fire hoses and nozzles
Pumps
PPV-fans

Regardless of your application, Fomtec has the right product. We can provide the right foam for your existing facility or a full scale solution combining foam and foam equipment.

Aviation

Airport fire scenarios can involve hundreds of passengers and large volumes of highly flammable jet fuel. Strict regulations ensure ultra rapid response and high capacity fire fighting capability and a vital element is fire fighting foam.

Foams certified to the International Civil Aviation Organization (ICAO) standard ensure the rapid extinguishment required. The test criteria is a 60 second fire extinguishment of the test tray, as opposed to 180 seconds in the European standard EN 1568 and ISO standards.

We strongly recommend the use of ICAO approved high efficiency foams for all airports. Fomtec produces high quality products certified to the ICAO standard.

Industry

Fomtec has a wide range of foam products for all types of flammable liquids found in industries of today. We supply and service customers within Oil & Gas, Chemical, Pharmaceutical, heavy industries and other industries handling, transporting, processing or storing flammable liquids. The responsibility for protection of life, property and the environment demands the right equipment, systems, and the right foam.

Selection of the correct foam must be based on the type of flammable liquids. Fires in water-immiscible fuels can be extinguished by use of high quality AFFF, FFFP or regular synthetic foam. Fires in polar solvents require alcohol resistant foam. All these are available at Fomtec and we work closely with our customers to select the correct foam.

Marine

Marine fire fighting requires marine approved foam concentrates. Fomtec has a wide range of foams approved for oil and chemical tankers as well as general fire fighting and engine room protection. Our distributor network provides foam to the sailing fleet, and we provide foam concentrates and systems components to the ship building industry around the world.

Municipal Fire Brigades

Municipal Fire Brigades may be confronted with fire hazards involving flammable or hazardous liquids. The selection of foams should be based on local fire hazards as well as spills and leakages from road or rail accidents within their area. This usually calls for the use of multi purpose alcohol resistant foam that can handle hydrocarbon as well as polar solvent fires.

Fire Brigades are increasingly using Class A foams when fighting fires in fibrous materials or in forest fires. Their wetting properties at low concentration are a highly useful tool in maximizing the use of water in post-fire operations. A Class A foam is a natural part of any fire brigade inventory.

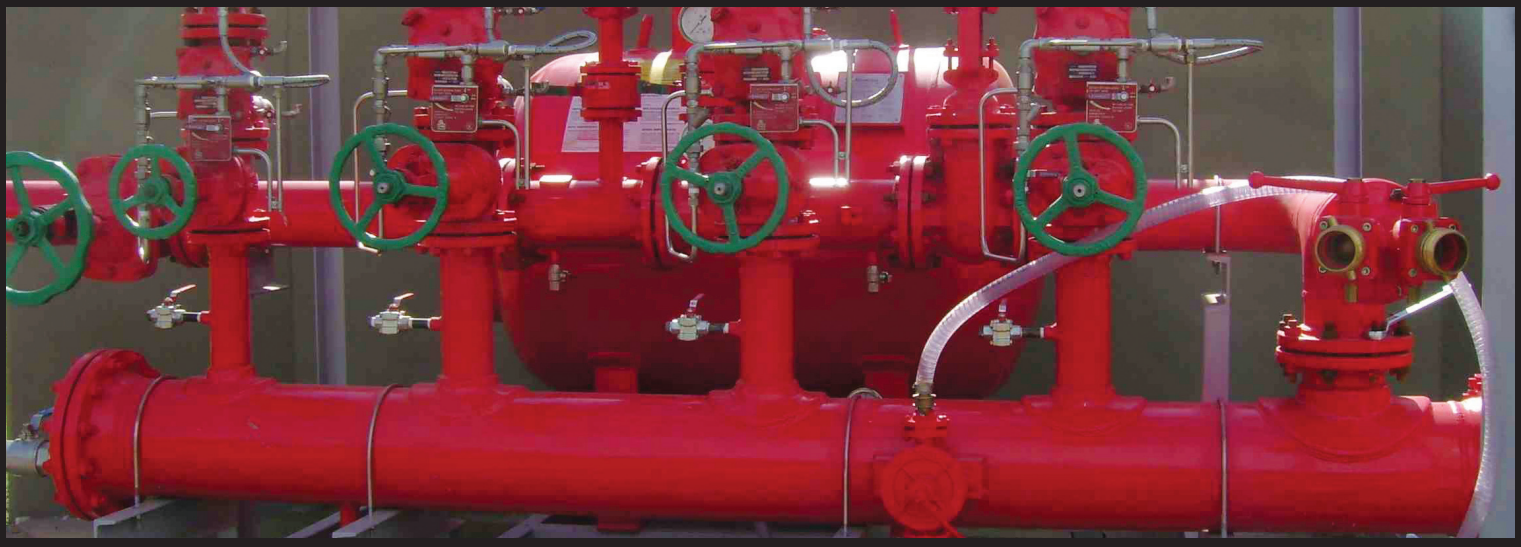




High quality foam equipment

for professionals





Fomtec manufactures a complete range of high quality fire fighting equipment for portable, mobile and fixed use. Regardless of your application, Fomtec will have the right equipment to cover your needs. Below we show a selection of our wide range. On our website we have datasheets for more technical information about our products. Visit www.fomtec.com or contact our sales team for more information.

Monitors

Portable and fixed
Manual
Electrical
Hydraulic
Oscillating

Nozzles and branchpipes

Manual
Electrical
Hydraulic
Self-inducting

Bladdertanks

Vertical
Horizontal
Pre-piped versions

Inductors

Portable and fixed
High back pressure versions
Variable flow

Proportioners

Foam pump versions
Bladdertank versions
Wide range versions

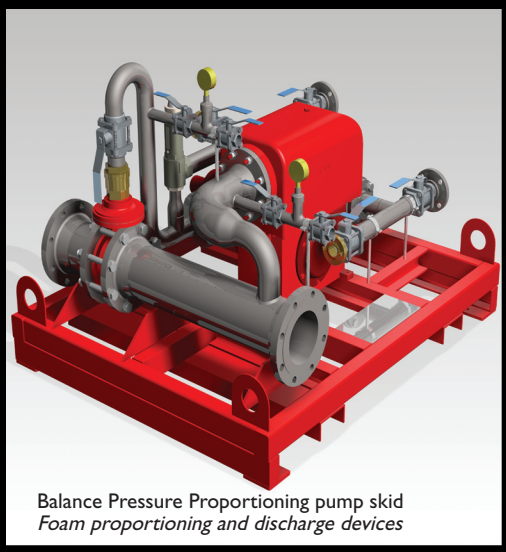
Proportioning skids

Water, petrol or electrical driven foam pump
Dual system/backup option
Built-in foam storage tank
Foam inductor skids

Tank protection

Fixed foam makers
High back pressure foam generators
Over the top foam generators
Foam chambers
Foam pourers





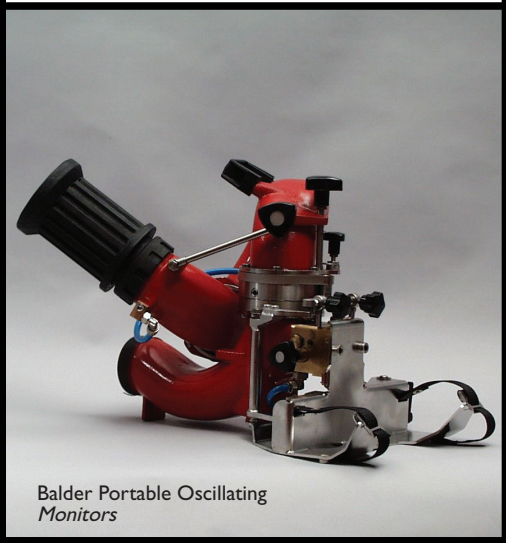
Balance Pressure Proportioning pump skid
Foam proportioning and discharge devices



GB BT
Proportioners & Inductors



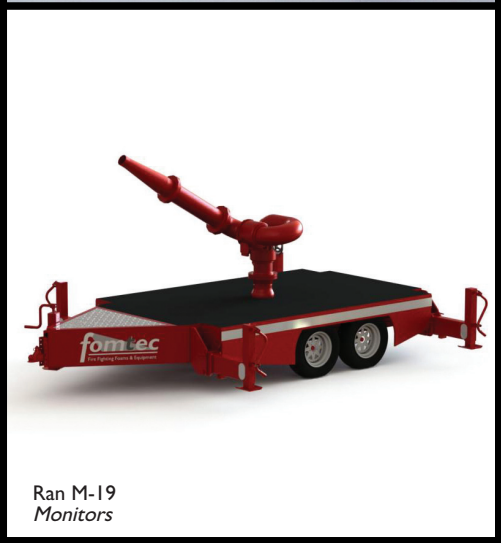
WRP BT
Proportioners & Inductors



Balder Portable Oscillating
Monitors



Tor Fixed
Monitors



Ran M-19
Monitors



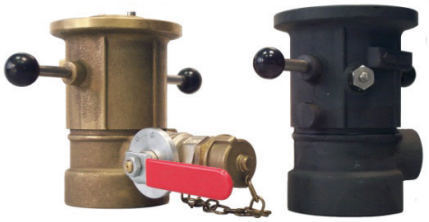
Brage 120
Nozzles & branchpipes

Extreme

conditions – no problem



Bele S-400
Nozzles & branchpipes



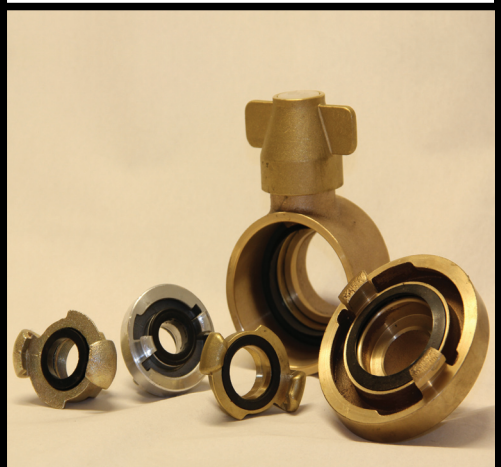
Vile S and Vile M
Nozzles & branchpipes



Mueller Super centurion
Water / foam pillar hydrants



Pillar foam & water hydrant
Water / foam pillar hydrants



Hose couplings
Fire fittings

Fomtec has a wide range of foam equipment for fire fighting professionals of municipal fire brigades, petrochemical, pharmaceutical, chemical Industries, oil & gas, marine and aviation.

We supply a varied selection of water and foam equipment such as foam chambers, foam makers, proportioning skids, bladdertanks, fast response fire fighting trailers as well as water and foam hydrants, pressure regulating valves, post indicator valve assemblies (PIVA), proportioners, monitors, hoses, cabinets, etc. These products have proven reliability and have been tested under the most extreme conditions.

Foam proportioning and discharge devices

Our comprehensive range of low-maintenance foam-making equipment includes foam proportioning and delivery devices for low, medium or high expansion, available for portable, mobile and fixed applications.

Fomtec inductors provide very accurate proportioning and are designed to accommodate up to 5 bars of back pressure enabling longer hose lines after the inductor. These inductors are used in our wide range of integrated solutions for portable and fixed use, such as foam trollies, trailers, proportioning skids and foam stations.

The proportioning skids are also available as electrical-, diesel-, or water-driven units, combined with our very accurate, high quality proportioners.

Proportioners & Inductors

Fomtec have a comprehensive range of low-maintenance foam proportioning devices. Our unique inductors are available in versions for fixed installations and for portable use. Each inductor is calibrated specifically to the system properties to ensure very accurate proportioning. Special versions such as Fomtec HPZ inductors and are designed to accommodate up to 5 bars of back pressure enabling longer hose lines after the inductor.

Proportioning skids

Fomtec proportioning skids come in several standard versions and size and can also be completely custom built to specification. Foam pumps are available as electrical-, diesel/petrol-, or water-driven versions, with optional back-up pump.

Monitors

Fire fighting monitors are used in storage and process areas, in petrochemical/ pharmaceutical/chemical industries, oil & gas , marine and aviation sectors, to apply water, foam or dual agents wherever there are large quantities of flammable, combustible liquids, gases or toxic vapours.

Monitors for all these applications are available in a variety of designs, sizes, materials and nozzle configurations. Monitors are widely used as a manual, electrical, hydraulic or portable piece of equipment. Flows from 1,000 lpm up to 38,000 lpm are available. Supplementary cover is provided by portable and mobile monitors. Small monitors can be designed to be carried by hand and placed on the ground to provide a rapid response in the event of a fire. These monitors, in combination with the right masterstream nozzle or monitor branchpipe, will give an excellent performance. All of our masterstream nozzles will be suitable for water and water-foam use.

For applications on ATEX II 2GD IIBT4, contact our technical staff.

Nozzles & branchpipes

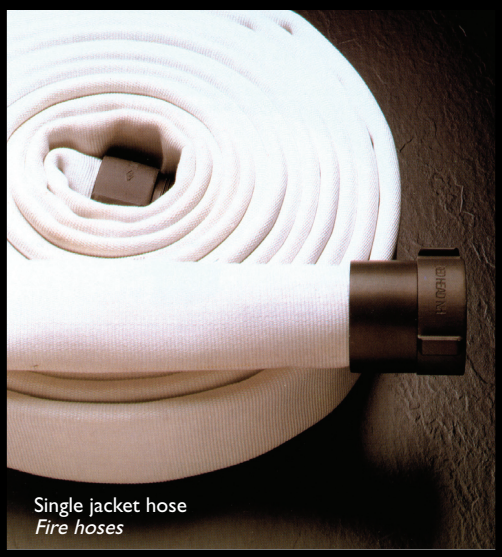
Devices for low, medium or high expansion, available for portable, mobile and fixed applications.

Fire Fittings

Our wide range of fire fighting fittings includes hose couplings, blank caps, adaptors and wrenches, collecting heads, manifolds and more.



Titan 3F signal
Fire hoses



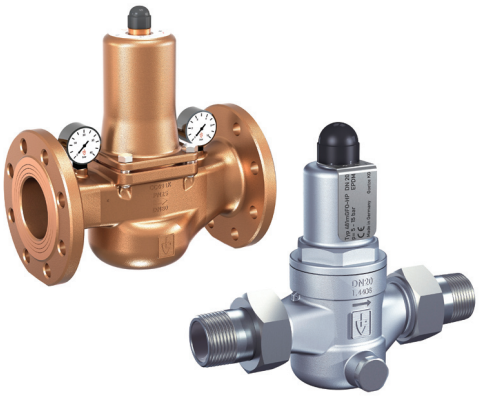
Single jacket hose
Fire hoses



Red coil
Fire hoses



Gate valve
Valves



Pressure reducing valves
Valves



Bronze valves
Valves



Single hose cabinet
Hose- & equipment cabinets



Multi hose cabinet
Hose- & equipment cabinets



GRP V-900
Foam concentrate tanks



Horizontal stainless tank
Fomtec atmospheric foam tanks



Ymer VS
Bladdertanks



Ymer HPS
Bladdertanks

Water/foam pillar hydrants

Fomtec fire hydrants are manufactured for installation in heavy environmental conditions (refineries, chemical and petrochemical industries, etc.) and are designed to grant the highest reliability during operation. Fomtec Dry/Wet barrel hydrant bodies have no moving parts and are therefore an extremely low maintenance and cost effective item of equipment. Fomtec fire hydrants are manufactured as standard in Steel pipe but can be offered as well in Stainless Steel or GRP.

Fomtec also provides UL/FM approved hydrants, fully conforming to AWWA Standard C502. These hydrants are designed to provide years of reliable service. Their flow characteristics place them among the best performing hydrants available. If service is ever needed, the process is simple and the parts readily available.

Valves

In the world of fire fighting a wide range of special valves are in use. Fomtec provides that range, such as globe-, ball-, gate-, check-, deluge-, pressure reducing and butterfly valves.

Fomtec also has the availability of offering the special Post Indicator Valve Assembly (PIVA), which is known by its built-in traffic safety device.

Fire Hoses

Our hose products are designed and engineered for municipal, forestry, and industrial fire fighting professionals. We also supply a complete line of industrial hose products for agriculture, irrigation, construction, military, mining, and petrochemical applications. Meeting the requirements of the markets that they serve, these hoses are certified accordingly: Kite marked to BS 6391 Type 3, UL Listed, FM approved, UK Maritime & Coastguard Agency, DIN 14811:2008-01 Class 3, MED 96/98/EC SBG, Russian Maritime Register, DNV, Lloyds (Solas), Bureau Veritas and other. Fomtec provides a comprehensive range of very high quality fire hoses which come in sizes from 1 inch (25mm) up to 16 inches (400mm).

Hose and equipment cabinets

Cabinets come in all shapes and sizes. Fomtec has a wide variaty of storage cabinets and hydrant cabinets for fire fighting equipment, hose reels, valve and foam stations for use in physically demanding locations from offshore and marine applications to onshore industrial uses. These cabinets are available in Steel, Stainless Steel, Aluminium and GRP.

Foam concentrate tanks

Fomtec provide a wide selection of non-pressurized foam concentrate storage tanks. Our standard range comes in sizes from 100 liters up to 20000 liters, vertical or horizontal, manufactured in polyethylene, glass-fibre reinforced plastic, carbon steel and stainless steel. Fittings and connections such as flanged or threaded bottom outlets, one or more pick-up pipe top outlets, level indicator, safety valve and manhole can be customized to customer specification.

System components

All foam systems need specialised system components such as atmospheric storage tanks, concentrate control valves, release valves, deluge valves, control systems, cabinets etc. Fomtec provide a selected range of high quality and foam compatible system components needed in most foam systems.

Bladdertanks

The Ymer bladdertank is a Carbon or Stainless Steel pressure vessel containing an elastomeric separation bladder between water and foam concentrate.
The bladder permits water pressure to be transfered to the foam concentrate and mixed into the water stream with the use of a foam proportioner. This technology is widely spread in fire fighting thanks to its reliability and flexibility to changing pressures and flowrates. Ymer bladdertanks are constructed according to the European pressure vessel directive and can also be supplied as ASME code version. We supply vertical and horizontal bladdertanks ranging from a size of 200 liters up to 20000 liters. Please view model Ymer VS or Ymer VL for vertical bladdertanks and model Ymer HS for horizontal bladdertanks. Please view model Ymer VPL/VPS and HPS for pre-piped versions.


Quality and service
the core of our business
Linde
fomtec
Fire Fighting Foams & Equipment

We bring more value to the business through skilled and experienced personnel, innovative products and an extensive range of approvals. Our commitment to provide high quality and innovative products to the professional fire protection market is demonstrated by our constant focus on product development, quality assurance and timely delivery.

Experience and Reputation

Our experience and commitment has given us an excellent reputation in the market place for supplying an extensive range of high quality products. In the scope there are also consulting, design, training and after sales service.

Our management's proven track record in international procurement, manufacturing, R&D and supply activities supported by the know-how of our employees, are unique in the industry.

You as a valued customer will benefit significantly from this position.

Approvals

A variety of international approvals for different applications is critical to our customers. Therefore we can supply all our foam concentrates with at least one or more international approval such as Underwriters Laboratory (UL), Factory Mutual (FM), European Standard EN 1568, ICAO, Lloyds Register of Shipping, RINA, Bureau Veritas and Lastfire protocol.

Competitive Pricing

Being a manufacturer, we will always guarantee a competitive cost structure, and therefore competitive pricing. A high market share resulting in high volume provides economies of scale resulting in more efficient trading activities and cost effective transactions.

Quality Assurance

Fomtec has been audited and certified by DNV to be in conformance with ISO 9001:2008.

All manufacturing is made following strict quality procedures. Every batch is tested for quality conformity and traceability. A retained sample is kept of each batch for future reference.

Customer Focus

Customer relations are everybody's business at Fomtec under the motto: "Deliver what the customer wants, quickly and in the cheapest possible way".

To fulfill our motto we have implemented a logistics structure with close monitoring of the transportation of goods. It ensures proper in-house documentation and complete inspection of goods at the point of embarkation or delivery.

As the true independent alternative on the market, we guarantee flexible, unique solutions, quick response and a strong customer focus.





Authorised fomtec Fire Fighting Foams & Equipment Distributor

fire protection TECHNOLOGIES

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