SPRAY FOAM INSULATION

SPF & IPF SYSTEM
ABOUT US

Fomicom® specialises in the manufacture, marketing and sale of both portable, autonomous polyurethane systems and bulk foam systems with high pressure equipment. With headquarters in Maldegem (Belgium), Fomicom® offers a wide range of polyurethane systems and equipment for the professional user.

The strategically located headquarters enable fast delivery to European clients and the provision of high-quality technical service. Fomicom® is a pioneer when it comes to innovation geared towards minimising the impact on the environment. All foam systems produced by Fomicom® comply with the directives specified by the F-gas regulation.

The products do not contain formaldehyde or CFCs. The polyurethane foams are easy to use and we offer lease options for the high pressure equipment. Clients can visit the Maldegem headquarters for demos and training or request them on-site. Fomicom® guarantees excellent support during the execution of a client’s project.

GENERAL

Fomicom® SPF (Spray Polyurethane Foam) and IPF (Injection Polyurethane Foam) are PU foam systems designed for the professional user and the industrial market. Fomicom® SPF and IPF systems are optimally used with the Fomicom® PURMIX AIR and Fomicom® PURMIX HYDRA proportioners.

The various systems are used in construction industry for floor, wall and attic insulation as well as in many industrial application such as process installations, equipment manufacturing, on site installation and maintenance.
The SPF systems are a physical mixture of polyols, catalysts, stabilizers and blowing agents and are intended for spray applications. They expand and cure in seconds and are available in various densities. The system shows good adhesion to most surfaces such as bricks, wood, metal, drywall, etc.

**FOMICOM® SPF CC 30**
- Free rise core density: 32-34 kg/m³
- Cream time: 2-4 s
- Rise time: 6-10 s
- Reaction to fire: E
- Shelf life: 3 months

**FOMICOM® SPF CC 45**
- Free rise core density: 44-48 kg/m³
- Cream time: 3-4 s
- Rise time: 10-12 s
- Reaction to fire: E
- Shelf life: 3 months

**FOMICOM® IPF CC 32**
- Free rise core density: 32-34 kg/m³
- Cream time: 13-17 s
- Rise time: 205-235 s
- Reaction to fire: E
- Shelf life: 6 months

The IPF are also pre-blend polyol mixtures with much longer reaction times and are aimed at injection applications in process installations like piping and valves, equipment manufacturing, open mould production, etc... the systems develop limited pressure and shows good adhesion properties.
The PURMIX AIR 1 is a pneumatic, compact, mobile and versatile proportioner that processes almost all polyurethane foams and fast reacting polyureas.

The newly designed, exceptionally efficient, heater is based on proven and patented technology for controlled heating. Only the material needed for spraying is brought, quickly and economically, to the correct temperature.

Changing the ratio is a matter of minutes by a simplified design to change the pump’s volumetric chambers.

The layout of the Fomicom® PURMIX AIR is clearly structured to allow the operator to work quickly and comfortably. The control panel is deliberately kept simple.

The increased volume output is ideally suited for high coverage spraying and high volume injection applications. The latest aspects of the EU machine directive have been incorporated in the machine design. The newly developed piston feed pumps can be easily transported and stored in the integrated holders.

A wheel kit is available to convert a stand-alone frame to a rolling chassis.

The PURMIX HYDRA 1 is an hydraulic, compact and versatile proportioner that can handle all types of polyurethane foams and fast reacting polyureas.

The newly designed, exceptionally efficient, heater is based on proven and patented technology for controlled heating. Only the material needed for spraying is brought, quickly and economically, to the correct temperature.

Changing the ratio is a matter of minutes by a simplified design to change the pump’s volumetric chambers.

The new material pump design provides enhanced flow. The machine is very quiet and there is no pulsation. The unit comes with a built-in energy saving method.

The increased volume output is ideally suited for high coverage spraying and high volume injection applications. The latest aspects of the EU machine directive have been incorporated in the machine design. The newly developed piston feed pumps can be easily transported and stored in the integrated holders.

A wheel kit is available to convert a stand-alone frame to a rolling chassis.
SAFETY

Fomicom offers a range of personal protective equipment for use in common applications. Specific circumstances and applications may require different safety measures. Our products consist of chemical components containing reactive substances, which should be treated with the appropriate care. Make sure to study the safety information sheets thoroughly before starting application.

PU GUN

FOMICOM® PURMIX GUN
The professional dual-component gun for processing PUR foam and polyurea.

The many practical details and the possibility of adapting the PU gun quickly and easily to a range of application requirements make this product into a tool for professionals. However, the FOMICOM® PURMIX GUN not only offers a wide range of technical innovations, but also optimal working ergonomics. The low gun weight, optimised handle design and variable assignment of the connections for the material supply hoses guarantee effortless work, even when coating large areas.

FOMICOM® GUN AUTOMATIC
The professional dual-component gun for processing PUR foam and polyurea.

In addition to hand-held use, the spray gun can also be used in an automatic coating system with the optional adapter. To do so, the handle is simply replaced with an adapter. The control air connection is made via the bushings on the rear of the adapter.