



Mixer Company
high quality foam for your business

MC-Foam Lab

Dynamic **Mini** Foam Mixing System
for product testing, laboratory and mobile use



MC-Foam Lab „to go“

small and light – easy to take away

The dynamic **Mini-Foam Mixing System MC-Foam Lab** is specially designed for **mobile use**.

The **MC-Foam Lab** has been specially developed for use in the product development and testing of the textile, flooring, wood and paper industries.

With a weight of only 100 kg and the dimensions of 90 x 56 x 45 cm, the **MC-Foam Lab** is easy to transport and can be used perfectly ...

- as laboratory mixers
- in the field of product testing
- for the production of small quantities
- as backup protection
- for changing deployment sites

Best Equipped

with the latest mixing head technology!

Manufactured out of one piece of V4A, small, easy and highly efficient! The new generation of mixing heads from the Mixer Company above all wins over with the exceptional advantage of being free of gaps and dead space as well as its fabulous look. There are no contact surfaces for crevice corrosion or deposits.

Manufactured out of one piece, the trapezoid MC mixing head rods have around four times the torsional rigidity of welded or screwed rods.



Basic Model

top quality components, precise workmanship, strong achievement

- Mixing head in V4A, housing in V2A
- Intuitive operating terminal (SIEMENS)
- Terminal language in accordance with CE norm
- Fully automated using the latest process computer (SIEMENS)
- Top quality measuring sensor for speedy air regulation and stable foam weight
- Pressure monitoring
- Formulation management
- Dry run protection of the pumps
- Wear monitoring
- Double-acting lip seals
- Redundant non-return valves for air mass controller

MC-Foam Lab Technical Data

● Product flow rate*	until max. 800 kg/h	● Weight	100 kg
● Product density*	1.000–1.400 g/l	● Dimensions (L/B/H)	90 / 56 / 45 mm
● Product weight	by customer requirement	● Voltage supply	400 V / 50 Hz
● Mixing head speed	max. 600 U/min	● Power consumption	max. 1,5 kW
● Air consumption*	max. 3.000 l/h		

* The data refers to the standard models and customer-related recipes.

Xtra-small, Xtra-light

and foam of the finest one!

The **Foam Mixing System MC-Foam Lab** from the Mixer Company combines the latest mixing head technology and a smallest possible housing – for mobile use.

High-quality measuring transducers ensure fast air flow and a stable foam weight.

The MC-Foam Lab is controlled and regulated by a SIEMENS SPS, equipped with advanced sensors from German suppliers and with a stainless steel case.

All shaft seals on the machine are equipped with double-acting lip seals on the factory side – they are very low-maintenance and significantly more cost-effective than conventional shaft seals.

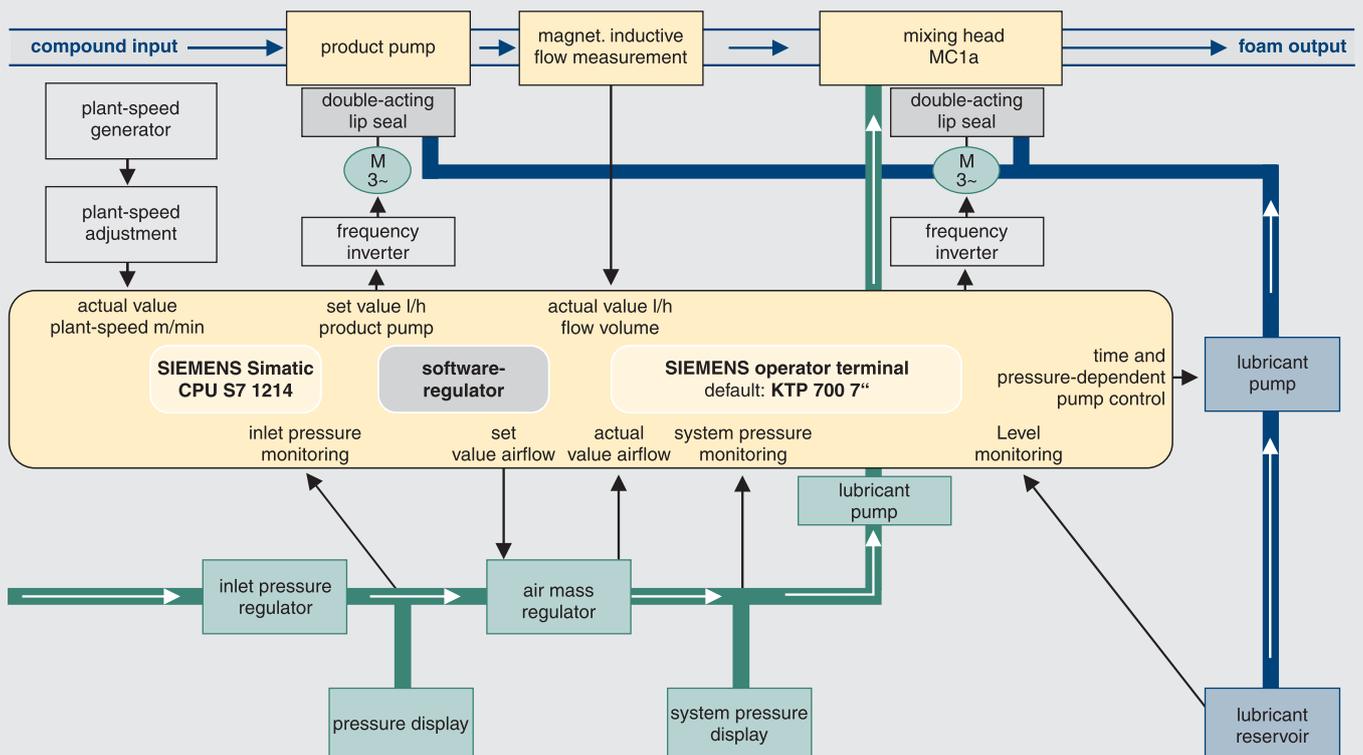
The foam mixing system MC-Foam Lab also convinces with its high safety and low energy consumption.

**specifically for product testing,
laboratory and mobile use**
the Foam Mixing System MC-Foam Lab



state-of-the-art mixing head technology
double-acting lip seals
modern measuring and sensor technology

Functional Diagram MC-Foam Lab



Mixer Company

Foam Mixing Systems and more...

Production of foam and in-line mixing equipment
for the textile, carpet, timber, paper, corrugated cardboard,
paper sleeve and latex mattress industries

Development of
application-specific solutions

Consulting for optimisation of processes

User training

Maintenance, service and repair
foam and in-line mixing equipment

Supply of measuring technology, sealing systems,
pumps and pump parts, data processing components,
PLC, panel and control electronics

Refitting of foam and in-line mixing equipment

Spare parts for mixing systems other manufacturers

Purchase and sale
of used foam mixing equipment



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