

ContiFoam

1K-PU-Foam Gasketing System

CONTIFOAM IS A COMPACT, FLEXIBLE SYSTEM FOR ECONOMIC PROCESSING OF HIGH-PERFORMANCE, CLOSED CELL FOAM GASKETS

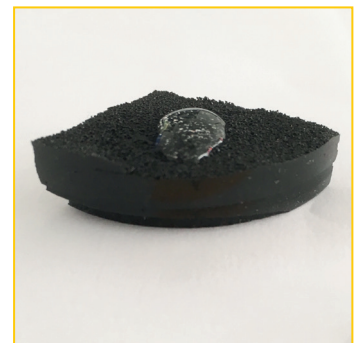
INNOVATIVE, PATENTED FOAM GASKETING SYSTEM

- Innovative foam generator
- Controlled and monitored nitrogen dosing
- Constant process conditions due to pressure control and uniform temperature guidance
- Highest dosing precision due to mechanical coupling of dosing pump and outlet valve



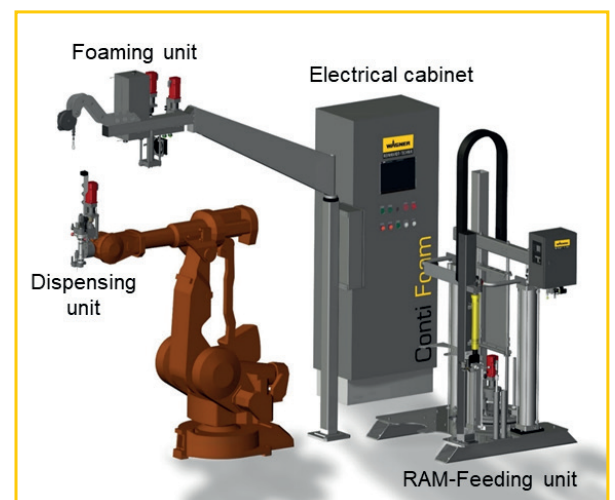
HIGH QUALITY

- Physical foaming through metered inline gas injection offers highest quality with closed-cell structure
- Precise and reproducible process due to communicating servo drives
- Lowest foam density and shore hardness, infinitely adjustable

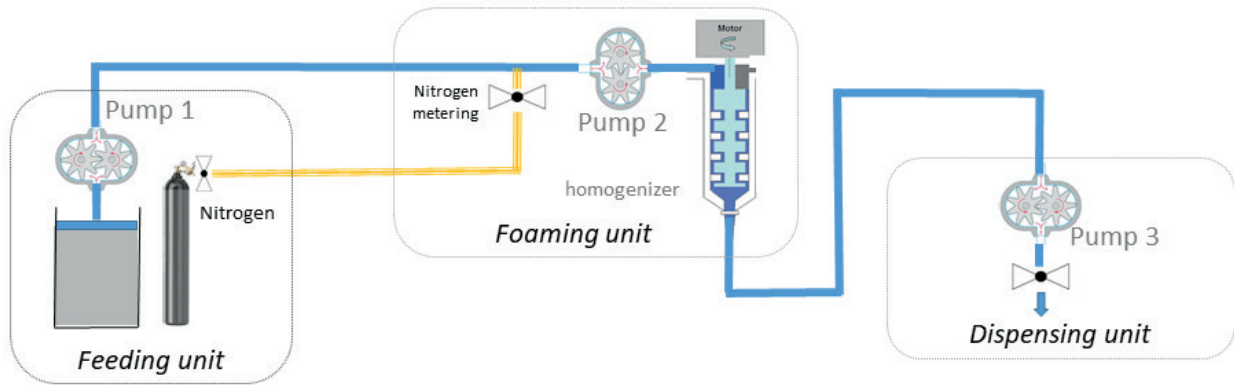


STANDARD FEATURES

- Compact and modular system design
- Servo motor driven precision gear pumps for continuous dosing processes
- Heated system for constant process conditions
- Inline gas injection for the production of a closed-cell foam
- Dynamic mixer for perfect homogenization of the gas-material mixture and uniform foam quality
- Applicator with gear metering for highest accuracy and dynamics at the metering valve
- Zero-cavity dosing valve with shut-off at nozzle tip
- Intuitive operation for easy programming and quick status overview

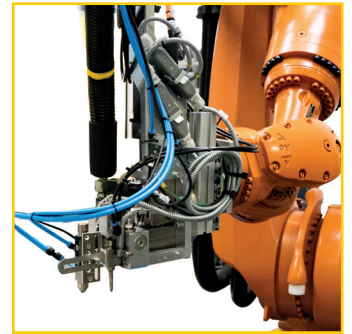


SYSTEM PRINCIPLE CONTIFOAM



SERVO GEAR PUMP SYSTEM

- Highest precision and process dynamics
- Continuous operation
- Volumetric metering directly at the dispensing valve
- Material flow can be adapted to different robot speeds
- Pressure monitoring in the inlet and outlet of the gear pumps



ROBUST RAM-FEEDING UNIT

- For 200-l drum (optional with follower plate for 20-l pail)
- Optimised follower plate design for minimum residual material in the drum
- Continuous, pulsation-free material feeding by gear pump with servo motor
- Drum centering and hold-down unit for user-friendly drum changing
- 2-hand safety control for a safe drum change
- Optional: Tandem design for uninterrupted operation



TECHNICAL DATA

ContiFoam	
Barrel size	200 ltr. (optional 20 litre)
Flow rate (standard version)	0,5 - 2,5 g/s
Weight of applicator (dosing pump + outlet valve)	13,1 kg
Visualization	11,6" Touch-Display
Physical foaming for closed cell foam	yes
Automatic control of foam density	yes
Continuous dispensing	yes