

maax[®] BF



Features:

- Convenient and safe operation via color display with touch function and key
- Teleservice function for PLC program and visualisation
- Online language changeover
- Signaling of operating mode and plant status
- Anti-block mode with motion monitoring
- Melt pressure measurement
- Recipe memory

Benefits:

- Simple and clear operation of all filter functions
- Increased productivity

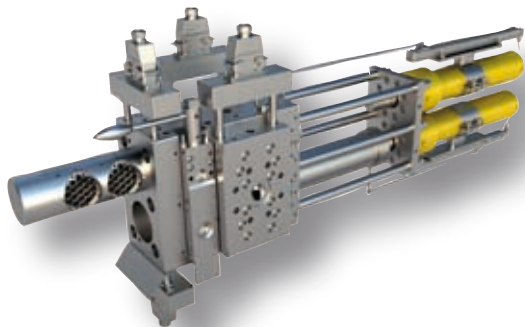
Automated processes achieve more.

maax[®] BF is Maag's well-proven control system for fully automatic Backflush Screen Changers in conjunction with Backflush Screen Changers CSC/BF-4F and CSC/BF-PE. As a tailor-made design it allows the processor of highly contaminated polymer melts a simple handling of the filter and a fully automatic screen cleaning and manifold use of the screens.

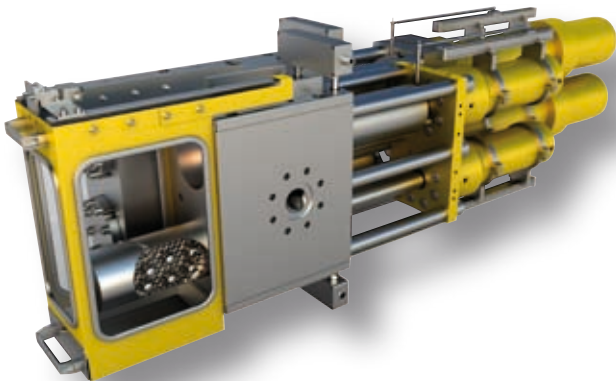
On the basis of a Simatik, the control system maax[®] BF fulfils the requirements of simple recycling plants up to process-constant direct recycling applications, such as the processing of PET bottle flakes to thermoforming sheet on an extrusion line. Depending on the specific needs, the extruder and melt pumps can be incorporated in the control system.

Technical specifications:

Control cabinet:	Rittal system cabinet
Operating voltage (standard):	3 x 400 V/N/PE
Control voltage:	24 VDC
Solenoid valves:	24 VDC
Displacement transducer:	Micropulse transducer with Profibus DB interface
Melt pressure:	DMS 3.3 mV/V
PLC:	SIMATIC ET 200S
Operator panel:	Touch Panel 10", color
Heating:	Heating control for 8 heating zones



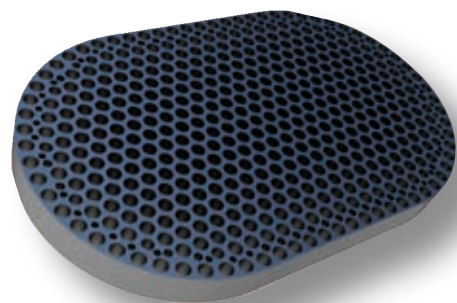
CSC/BF-4F: For many years, it has been the standard for the low-cost and reliable filtration of highly contaminated polymer melts. The fully automatic screen cleaning facilitates a manifold use of the screen.



CSC/BF-PE: New development for the highest process and throughput stability even in the fully automatic filtration and backflush mode. As an optimized design for applications in direct recycling processes, such as the processing of PET bottle flakes to thermoforming sheet, a constant film quality is ensured.

maax BF offers you a full service:

- Supply of all electrical equipment mounted in the control cabinet
- Complete supply of the functional system
- Screen changer integrated into your production line control system
- Technical guidance and advice and process optimization
- System commissioning and operator training
- "Round-the-clock" service with short response times



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