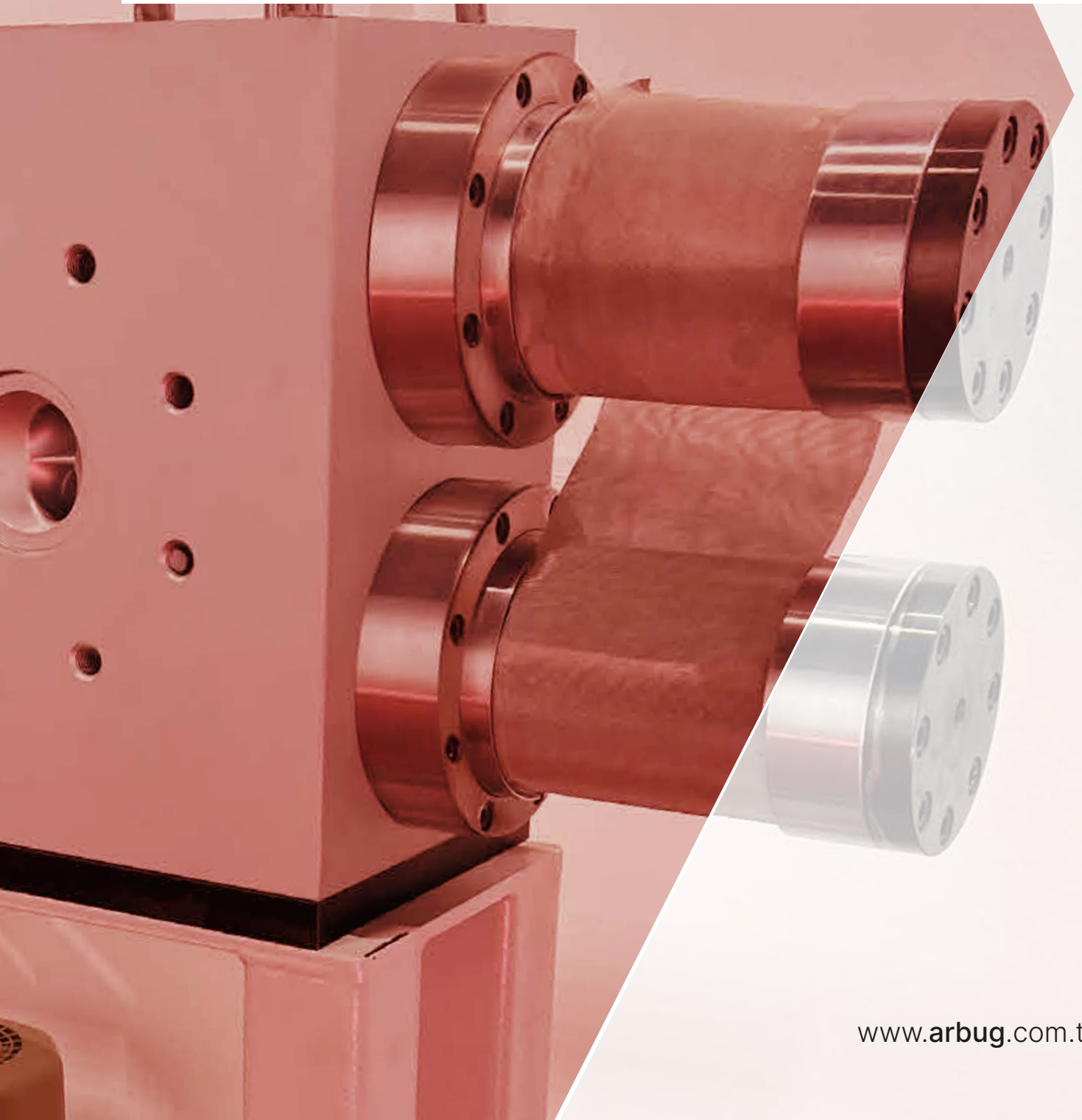




ARBUG[®]
INDUSTRY

Arbug SCF
Continuous Screen Changer Systems



Arbug SCF

Continuous Filtration System

The Arbug continuous screen changer system is a equipment used to remove contaminants such as metals or other unwanted particles from molten thermoplastics in extrusion.

This equipment allows for changing filters without interrupting the flow of molten thermoplastics. As a result, the efficiency and quality of the production process are improved.

The Arbug continuous screen changer system consists of filter types that can have different sizes and shapes depending on the application. The molten thermoplastic is passed through this filter to purify it from contaminants.

Why is

Arbug SCF Used?

The Arbug continuous screen changer system is a crucial step in the thermoplastic production process. Contaminants in melt thermoplastics can impact the quality of the final product and production performance.

These contaminants can reduce the strength and mechanical durability of the plastic and even lead to equipment failures (such as the melt gear pump, T-Die, etc.).

The Arbug continuous screen changer system allows for changing filters without interrupting the flow of molten thermoplastics, thanks to gas venting channels. As a result, the efficiency and quality of the production process are improved. By using the Arbug continuous screen changer system, you can reduce waste, achieve energy savings, and lower production costs.

What are the Advantages of Arbug SCF?

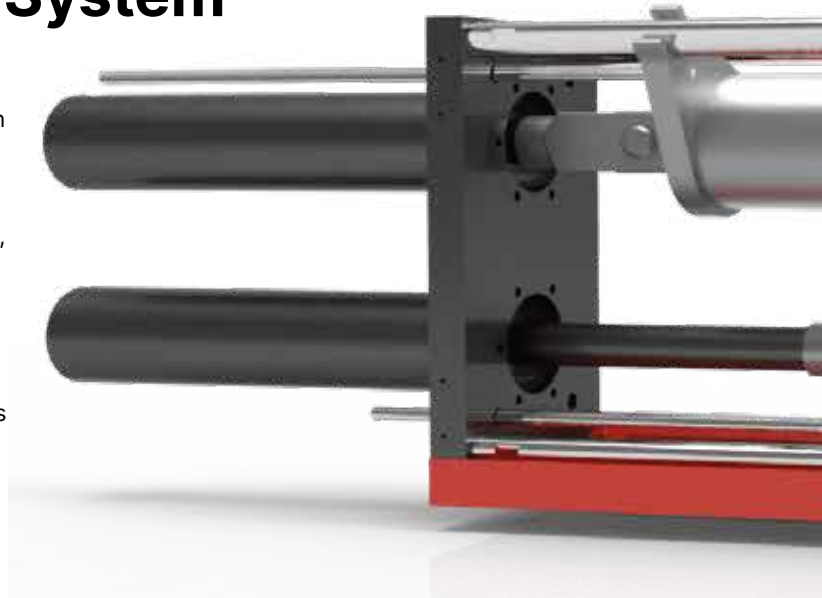
/// Arbug continuous screen changer systems are a seamless solution for filtering thermoplastic materials. In the production of thermoplastic materials, filter quality and reliability are of utmost importance.

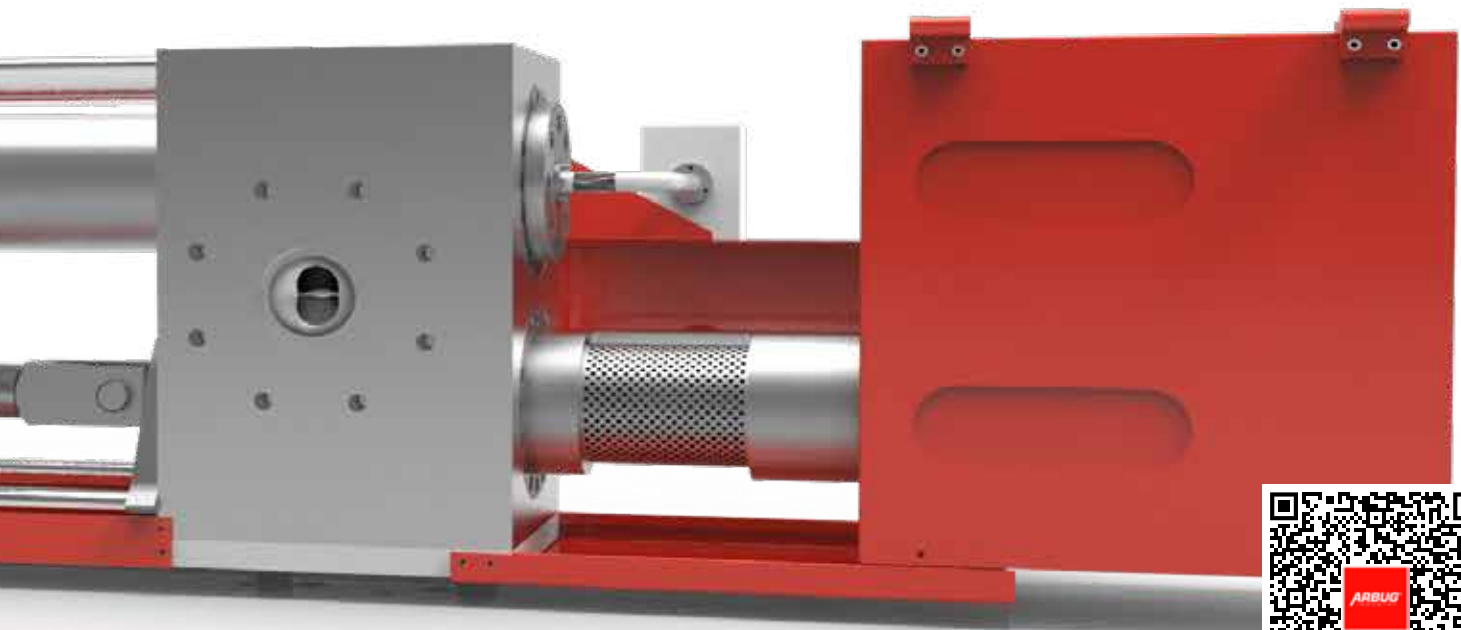
/// These screen changers are an ideal choice due to no interruptions or holes during filter changes, high reliability, lower average die pressures, and increased product output.

/// The screen changer design operates leak-free for many years with proper maintenance. The polymer melt is divided into two streams at the screen changer inlet, each directed to a separate breaker area. Each flow channel is designed to utilize the extruder's full capacity during screen changes.

/// Air bubbles generated during screen changes are expelled from the air flow channel after the screen change, ensuring uninterrupted production.

/// Arbug continuous screen changer systems can be easily controlled and adjusted from the control panel. This solution simplifies operator use and minimizes personnel errors.





Arbug SCF Fields of Application

Arbug continuous screen changer systems are ideal for situations where residues can quickly clog screens in the process, and process interruptions can be costly. The use of continuous screen changers in various markets and extrusion processes is common, such as pipe and profile, film and sheet, compound, resin plastic raw material production, blown film, mono-filament, nonwoven, edgeband, and specialty materials.

In the plastic industry, materials like PP, PS, PET, PE, ABS, PMMA are widely used in plastic extrusion and melt filtration. Optimize your production process and enhance your product quality with Arbug Continuous Screen Changer Systems.

Technical Specifications

Product Type	Capacity (Kg/h)	Filtering Diameter / Length	Area (cm ²)	Filtering Size (mm)	Total Heating Power (kW)	Temperature Control Zone
F-110	750	95 / 100	2x 298,4	120x450	6,5	3 Zone 1 Zone Body 2 Zone Slider
F-150	1500	135 / 135	2x 572,5	152x650	12	4 Zone 2 Zone Body 2 Zone Slider
F-200	5000	170 / 240	2x 1281,5	272x800	32	4 Zone 2 Zone Body 2 Zone Slider

Product Type	Weight (Kg)	Hydraulic Piston Working Pressure (Bar)	Hydraulic Piston Diameter (mm)	Hydraulic Piston Stroke (mm)	Piston Nipple Connection Diameter
F-110	329,602	160	80	200	R 1/2"
F-150	565	160	100	270	R 1/2"
F-200	1686	160	120	410	R 3/4"

In all productst;

Filtration Grade: x2, **Maximum Operating Temperature:** 320°C, **Operating Pressure (Bar):** 250

Thermocouple Type: J-Type M12, **Spare Parts:** Piston, Resistance, Linear Scale

ARBUG promises a sustainable future
with its contribution to global accessibility
and efficient resource use.



Reaching Arbug is just a click away



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