

## BritAS Product Innovation Automatic belt melt filter for PET

Optimally adapted to the processing parameters of the thermoplastic plastic, BritAS presents the ABMF PET as latest innovation.

### Perfect for PET.

Temperature control and heating capacity are designed for higher processing temperatures. Furthermore, the filter sealing is optimized by a mandrel guide for lower viscosities. The ABMF PET does not require any water cooling and is equipped with a new compact hydraulic system. Filter surface as well as channel guidance are also designed for throughputs with PET.

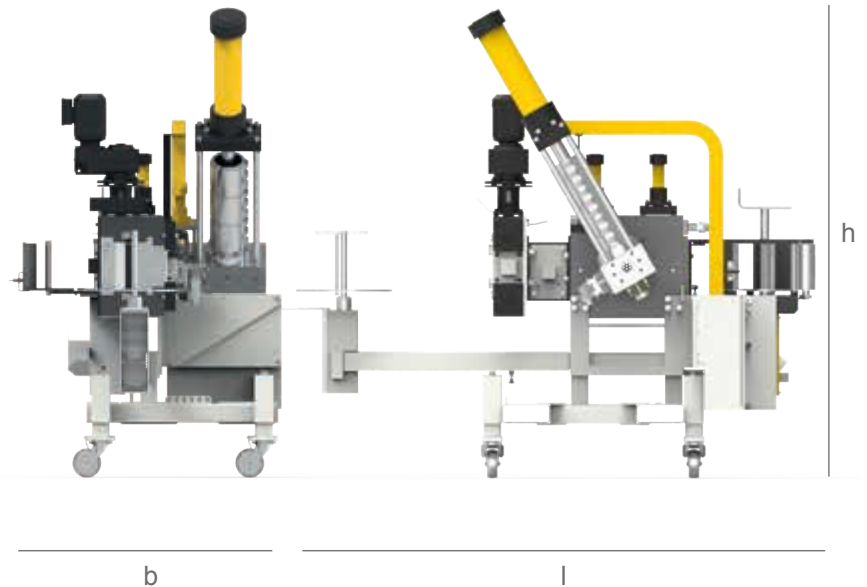
### Your advantages

- ▶ **Automated.** Fully-automatic filtration.
- ▶ **Clean.** Very high filtration fineness.
- ▶ **Permanent.** Extruder operation during screen belt feed.
- ▶ **Effective.** Very high throughput rates.
- ▶ **Perfect.** Homogeneity of the plastics melt.
- ▶ **Efficient.** Very low operating costs.
- ▶ **Modular.** Modular design, platform technology and space-saving.
- ▶ **User-friendly.** Pleasant filter operation via central unit.
- ▶ **Practical.** Uncomplicated maintenance.

## Filter facts

l [mm]	2778
l [in]	109.4
b	1426
b [in]	56.1
h	2444
h [in]	96.2
<b>Filter Area:</b>	
[cm <sup>2</sup> ]	570
[sqin]	88
<b>Melt Buffer Volume:</b>	
[liter]	7
[gal]	1.85
<b>Recommended Output*:</b>	
[kg/h]	1200
[lbs/h]	2645

\* output values for PET material, real figures depending on type and level of contamination



## Filter belts

Depending on the customer requirement, different materials, dimensions, weaves and tensile strength are possible.

- ▶ Filter belt roll: 20 - 25 kg, roll length up to 50 m
- ▶ Filtration fineness: can be used for typical PET filtration grades as 17 µm to 250 µm
- ▶ Simultaneous use of up to three filter belts with different mesh size is possible.

## Service

- ▶ **Consulting.** From technology selection up to financing.
- ▶ **Test runs.** Your material in our customer centers.
- ▶ **Operation.** Start-up and on-site service as well as remote service.
- ▶ **Spare parts.** Quick spare parts availability due to regional spare parts warehouses.

You can reach us:  
 +49(0)6181-918711 or [service@britas.de](mailto:service@britas.de)



**BritAS Recycling-Anlagen GmbH**, Moselstrasse 50, 63452 Hanau / Germany  
 T: +49-(0)6181-91870, F: +49-(0)6181-918722, [info@britas.de](mailto:info@britas.de)

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