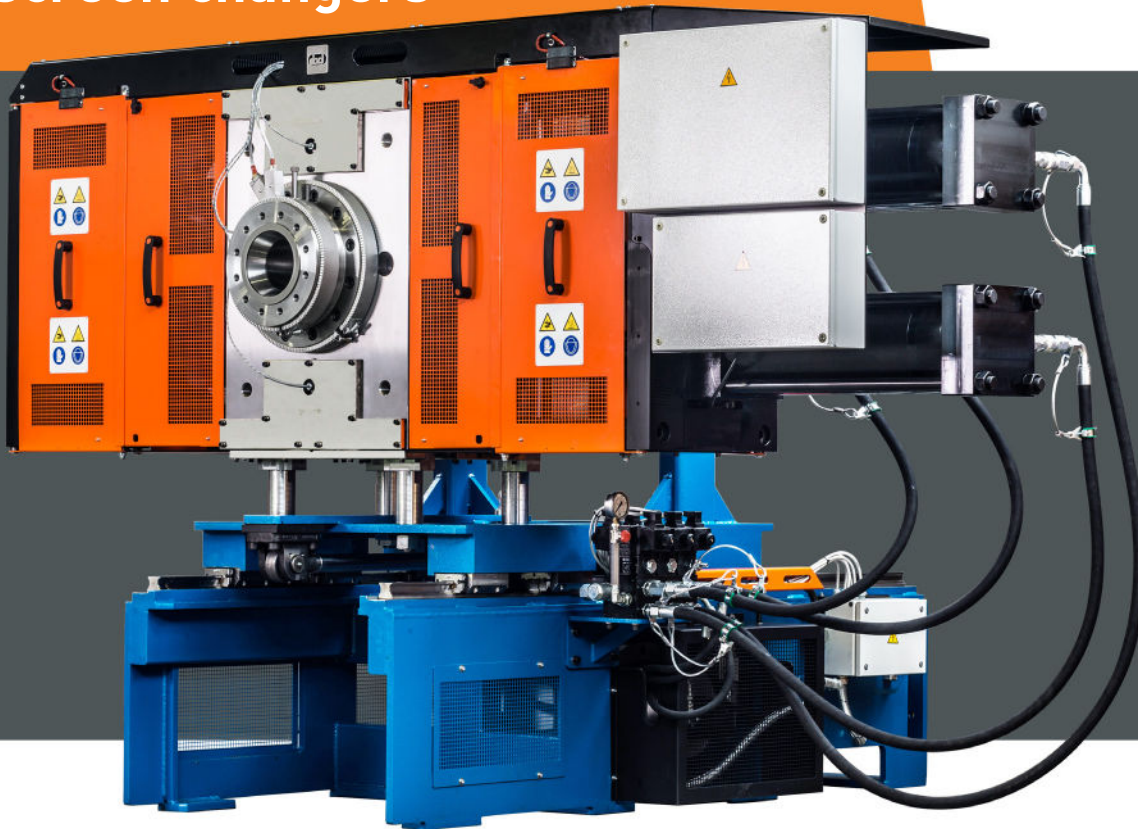


## Continuous Flow Screen Changers

# BDOx2 continuous flow hydraulic screen changers

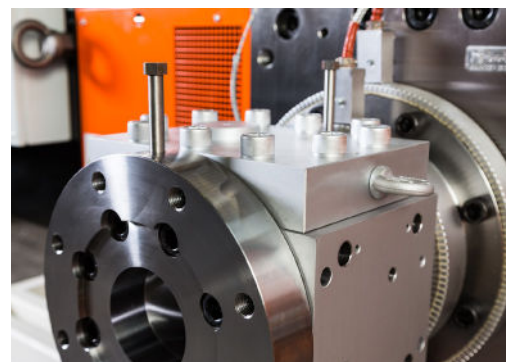


### A PERFECT FLOW CONTINUITY EVEN AT HIGH WORKING PRESSURE.

With the innovative continuous flow screen changers BDO x 2, the construction complexity is reduced to a minimum and the material quality is guaranteed. The new sealing system allows its use also on extrusion lines working with very high pressure levels.

After successfully testing on flat sheet and pipes extrusion lines, with strand dies and under water pelletizers, and hot melt coating, this continuous technology has been more recently proposed also on blown film extrusion lines with extraordinary performance and a perfect flow continuity also on single layer lines with product thicknesses up to 10 microns.

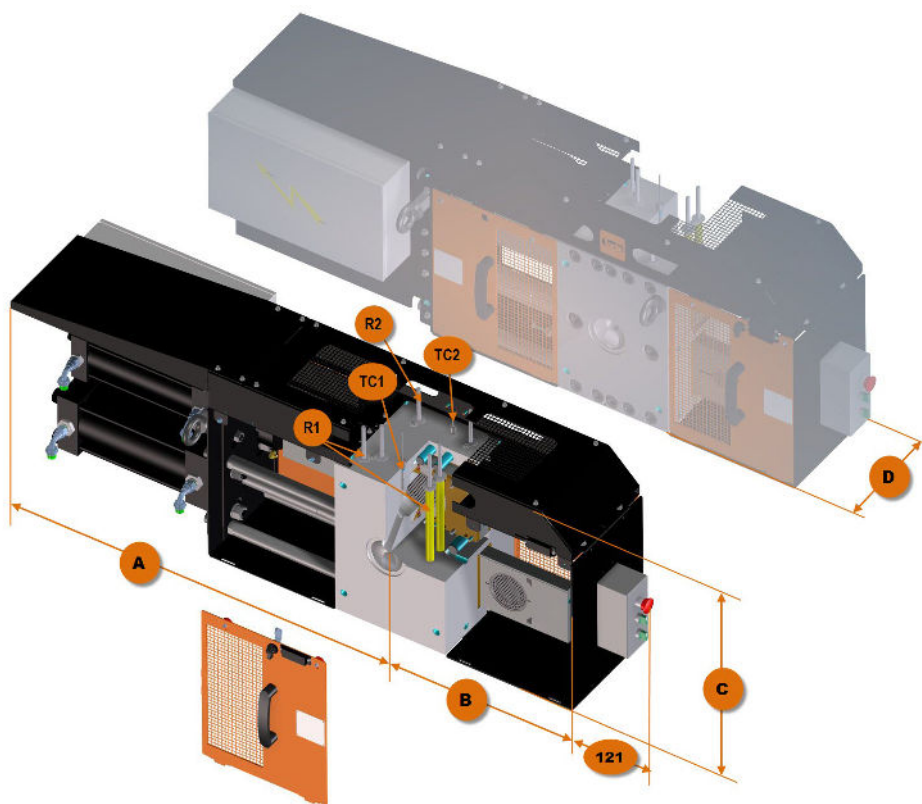
A careful engineering of the venting channels, as well as the filtration chamber, has generated the achievement of these results. A simple and effective sealing system with interchangeable components allows even complex maintenance at the customer site, minimizing downtime and costs.



Suitable for the production of:

- Blown or Cast films
- Flat sheet
- Pipes and profiles
- Cable coating
- Recycling
- Masterbatch and compound pelletizing
- Blow and injection moulding
- Adhesives (hot melt)

# BDO x2<sup>®</sup>



BDOx2 main dimensions

FILTERING MASS ø [mm]	Flow dimensions			SCREEN DIMENSIONS			Overall dimensions					Heating Power			FILTRATION SOLUTION	ø [mm]
	Flow [kg/h]	S/C Free Area	S/C Nominal Area	SCREEN ø [mm]	SCR. Housing ø [mm]	SCR. Housing DEPTH [mm]	A [mm]	B [mm]	C [mm]	D [mm]	Weight [kg]	R1 Zone Power	R2 Zone Power	Heating zones for Sliding plates		
45	80-190	18 cm <sup>2</sup>	32 cm <sup>2</sup>	46	47	2	793	358	474	244	145	W2400	W2400	Not foreseen	1	45
60	120-300	28 cm <sup>2</sup>	57 cm <sup>2</sup>	62	63	3	826	401	545	265	220	W4000	W4000	Not foreseen	1	60
80	230-550	55 cm <sup>2</sup>	101 cm <sup>2</sup>	83	84	3	930	473	547	285	400	W6000	W3000	Not foreseen	1	80
100	300-750	75 cm <sup>2</sup>	157 cm <sup>2</sup>	103	104	2	1079	537	599	305	535	W7000	W3500	Not foreseen	1	100
120	400-1050	107 cm <sup>2</sup>	226 cm <sup>2</sup>	123	124	3	1149	597	659	330	730	W8000	W8000	Not foreseen	1	120
140	600-1500	146 cm <sup>2</sup>	308 cm <sup>2</sup>	143	144	3	1230	655	742	412	1210	W10000	W10000	Optional	1 - (2 opt.)	140
160	800-2000	191 cm <sup>2</sup>	402 cm <sup>2</sup>	163	164	2	1340	725	782	388	1335	W15000	W10000	Optional	1 - (2 opt.)	160
180	1100-2600	241 cm <sup>2</sup>	509 cm <sup>2</sup>	184	185	2	1424	795	827	444	1810	W18000	W12000	Optional	1 - (2 opt.)	180
250	2000-4800	480 cm <sup>2</sup>	982 cm <sup>2</sup>	254/255	256	4	1895	1130	1077	540	3470	Top W10800 Bottom W10800	Top W10800 Bottom W10800	Upper Plate W4000 Lower Plate W4000	1 - (2 opt.)	250

TC1, TC2: Thermocouple probes

Filtration Solution:

- 1 Breaker Plate for Each sliding plate. Constantly wetted by polymer flow, except during screen replacement.
- 2 Breaker Plates for Each sliding plate. 1 of the 2 is in waiting position in air, outside of the S/C body - NEEDS HEATING ON SLIDING PLATE