

Continuous flow hydraulic screen changers

BDOx2



A perfect flow continuity
even at high working pressure.

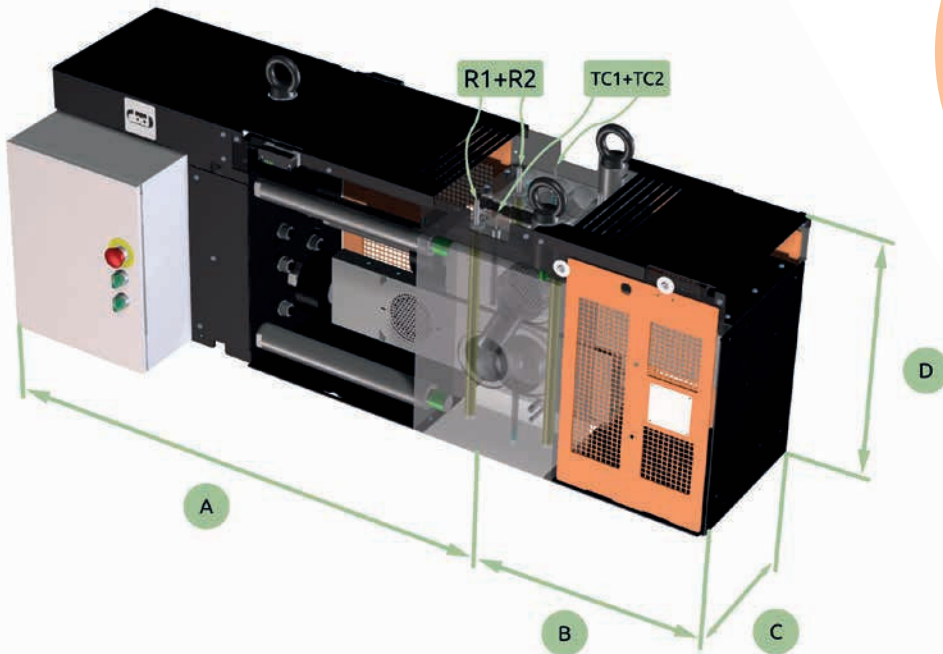
With the innovative continuous flow screen changers BDO x 2, the **construction complexity is reduced to a minimum and the material quality is guaranteed.** The new sealing system allows **its use also on extrusion lines working with very high-pressure levels.** After successfully testing on flat sheet 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
- Pelletizing from polymerization
- Masterbatch and compound pelletizing
- Adhesives (hot melt)



General data

Filtering mass	Flow dimensions			Screen dimensions			Overall dimensions					Heating power			BDO equival.	
	Throughput	S/C Tot. Free Area	S/C Nominal Area total	Screen	Scr Housing	Scr Housing Dept	Weight				S/C Filtration configuration					
ø (mm)	(kg/h)	(cm ²)	(cm ²)	ø (mm)	ø (mm)	(mm)	A (mm)	B (mm)	C (mm)	D (mm)	(kg)	R1	R2	Sliding plates heating zones	ø (mm)	
45	80-190	18	32	46	47	2	701	314	360	280	180	W2000	W2000	Not provided	1	64
60	120-300	28	57	62	63	3	772	299	404	290	250	W3000	W3000	Not provided	1	85
80	230-550	55	101	83	84	3	866	372	454	332	410	W4000	W4000	Not provided	1	113
100	300-750	75	157	103	104	3	1015	448	496	332	510	W4000	W4000	Not provided	1	141
120	400-1050	107	226	123	124	3	1105	520	570	374	720	W8000	W8000	Optional W1300x4	1 - (2 opt.)	170
140	600-1500	146	308	143	144	3	1249	588	624	428	1100	W10000	W10000	Optional W1300x4	1 - (2 opt.)	198
160	800-2000	191	402	163	164	3	1359	658	688	457	1370	W12800	W12800	Optional W1300x4	1 - (2 opt.)	226
180	1100-2600	242	509	184	185	3	1473	729	716	455	1530	W15000	W10000	Optional W1600x4	1 - (2 opt.)	255
200	1500-3000	302	628	204	205	4	1622	832	773	457	1810	W18000	W12000	W3200 EACH	1 - (2 opt.)	283
250	2000-4800	496	982	255	256	4	1769	1250	1293	540	3500	W10800 R1 (Up) W10800 R2 (Down)	W10800 R3 (Up) W10800 R4 (Down)	W4000 EACH	1 - (2 opt.)	354
300	2500-6000	752	1414	304	305	4	2195	1303	1413	540	3830	W10800 R1 (Up) W10800 R2 (Down)	W10800 R3 (Up) W10800 R4 (Down)	W5000 EACH	1 - (2 opt.)	424
350	3000-7000	1010	1924	354	355	4	2416	1413	1546	594,5	4650	W10800 R1 (Up) W10800 R2 (Down)	W10800 R3 (Up) W10800 R4 (Down)	W8200 EACH	1 - (2 opt.)	495

TC1, TC2: Thermocouples

S/C Filtration configuration

1: 1 Breaker disc for each sliding plate; always immersed by the polymer flow, except when replacing the filter net - Standard version

2: 2 Breaker discs for each sliding plate; one of which is in a waiting position to the outside air, outside the body of the C / F. SLIDING PLATE HEATING NECESSARY - REC version

BD PLAST FILTERING SYSTEMS

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