

## BDO FT hydraulic screen changers from $\varnothing$ 45 to $\varnothing$ 160



### MAXIMUM PRODUCTIVITY AND CUSTOMIZATION TO MEET THE MOST PARTICULAR NEEDS.

The hydraulic screen changers BDO FT series are characterized by simple design, ergonomics and rationality with which they were designed.

Thanks to a uniform and efficient heating system, are suitable for the processing of highly sensitive polymers.

The operation in combination with a quick change hydraulic power unit allows the replacement of the filtering media while the extruder is running.

Available with filtering masses from  $\varnothing$  45 to  $\varnothing$  160 mm. units are equipped with a cable channel in the bottom that conveys the power cables and thermocouples in a junction box located next to the hydraulic cylinder. This prevents dangerous overheating of the electrical system, ensuring maximum reliability.

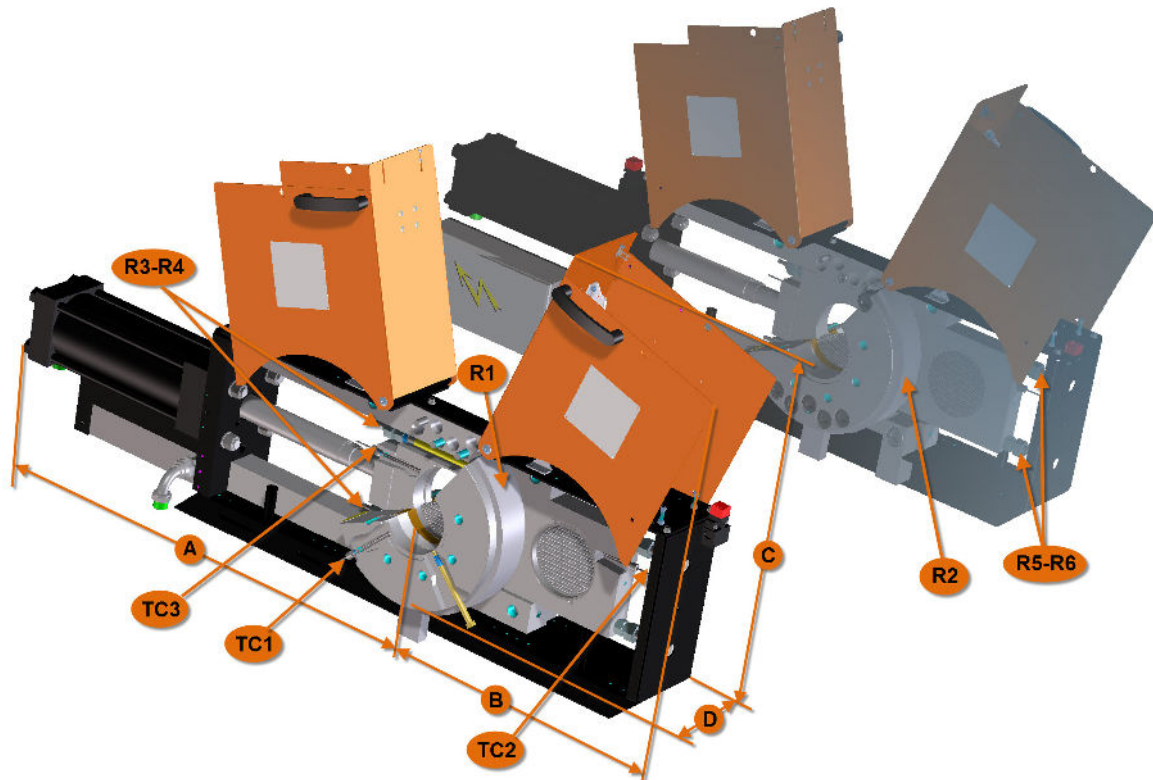
The many possible configurations allow a wide use of these models, where a perfect flow continuity, during screen replacement, is not an essential requirement.



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

# BDO FT®



BDO FT - main dimensions

FILTERING MASS	Flow dimensions			SCREEN DIMENSIONS			Overall dimensions					Heating Power			FILTERING MASS	
	Flow	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		
ø [mm]	[kg/h]															ø [mm]
45	30-80	7,5 cm <sup>2</sup>	16 cm <sup>2</sup>	46	47	2	750	380	591	184	110	W1400	W700	W400 [R3+R4]	W400 [R5+R6]	45
50	35-85	9,9 cm <sup>2</sup>	20 cm <sup>2</sup>	51	52	2	750	380	591	184	110	W1400	W700	W400 [R3+R4]	W400 [R5+R6]	50
60	60-150	13,8 cm <sup>2</sup>	28 cm <sup>2</sup>	62	63	2	750	380	591	184	110	W1400	W700	W400 [R3+R4]	W400 [R5+R6]	60
65	70-175	16,4 cm <sup>2</sup>	33 cm <sup>2</sup>	67	68	2	750	380	591	184	110	W1400	W700	W400 [R3+R4]	W400 [R5+R6]	65
75	80-200	22 cm <sup>2</sup>	44 cm <sup>2</sup>	77	78	2	800	430	685	199	150	W1650	W1000	W400 [R3+R4]	W400 [R5+R6]	75
80	110-290	28 cm <sup>2</sup>	57 cm <sup>2</sup>	83	84	2	800	430	685	199	150	W1650	W1000	W400 [R3+R4]	W400 [R5+R6]	80
90	120-300	30 cm <sup>2</sup>	64 cm <sup>2</sup>	93	94	2	910	585	7874	228	235	W2400	W1500	W600 [R3+R4]	W600 [R3+R4]	90
100	140-350	37 cm <sup>2</sup>	79 cm <sup>2</sup>	103	104	3	910	585	7874	228	235	W2400	W1500	W600 [R3+R4]	W600 [R3+R4]	100
120	200-500	54 cm <sup>2</sup>	113 cm <sup>2</sup>	123	124	4	1015	675	923	230	350	W2500	W2100	W1500 [R3+R4]	W1500 [R3+R4]	120
140	300-750	73 cm <sup>2</sup>	154 cm <sup>2</sup>	143	144	4	1015	675	923	230	350	W2500	W2100	W1500 [R3+R4]	W1500 [R3+R4]	140
160	400-1000	96 cm <sup>2</sup>	201 cm <sup>2</sup>	163	164	4	1165	756	1031	275	540	W4800	W4600	W1500 [R3+R4]	W1500 [R3+R4]	160

TC1 ... TC4 Thermocouples

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