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DISCONTINUOUS SCREEN CHANGER

With discontinuous screen changers, the screens are changed when the machine is stopped.

ECON Manual Screen Changer, EDM

- ergonomic and rational design
- screens can be changed quickly
- maximum reliability

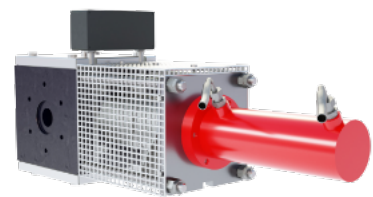
EDM	Screen Diameter / Screen Surface	Throughput capacity*
30	60 mm / 30 cm ² (2.4" / 4.7 in ²)	up to 75 kg/h (165 lbs/h)
125	124.7 mm / 125 cm ² (4.9" / 19.4 in ²)	up to 500 kg/h (1,100 lbs/h)



ECON Discontinuous Screen Changer, ESD

- approx. 65 % effective screen area for higher throughput rates
- optimized flow design in the melt channels
- extremely low pressure build-up protects material and screens
- no dead spots for faster material changes

ESD	Screen Diameter / Screen Surface	Throughput capacity*
20	50 mm / 20 cm ² (2" / 3 in ²)	up to 55 kg/h (121 lbs/h)
26	58.3 mm / 26 cm ² (2.3" / 4 in ²)	up to 75 kg/h (165 lbs/h)
45	76.3 mm / 45 cm ² (3" / 7 in ²)	up to 160 kg/h (350 lbs/h)
70	96.3 mm / 70 cm ² (3.8" / 11 in ²)	up to 280 kg/h (620 lbs/h)
120	125.3 mm / 120 cm ² (4.9" / 19 in ²)	up to 500 kg/h (1,100 lbs/h)
170	148.3 mm / 170 cm ² (5.8" / 26 in ²)	up to 600 kg/h (1,320 lbs/h)
245	176.3 mm / 245 cm ² (6.9" / 38 in ²)	up to 850 kg/h (1,880 lbs/h)
315	200.3 mm / 315 cm ² (7.9" / 50 in ²)	up to 1,300 kg/h (2,860 lbs/h)
415	230.3 mm / 415 cm ² (9.1" / 65 in ²)	up to 2,500 kg/h (5,500 lbs/h)



* The throughput capacities always depend on the material properties and required filter fineness and may vary.

CONTINUOUS SCREEN CHANGER

ECON Continuous Screen Changer, ESK

The continuous double-piston screen changers allow screens to be switched out during operation.

- high throughput rates
- optimized flow design in the melt channels
- extremely low pressure build-up protects material and screens
- no dead spots for faster material changes
- screens can be changed during production

ESK	Screen Diameter / Screen Surface	Throughput capacity*
40	50.3 mm / 40 cm ² (2" / 6.2 in ²)	up to 80 kg/h (176 lbs/h)
55	58.3 mm / 55 cm ² (2.3" / 8.5 in ²)	up to 180 kg/h (400 lbs/h)
90	76.3 mm / 90 cm ² (3" / 14 in ²)	up to 260 kg/h (573 lbs/h)
140	96.3 mm / 140 cm ² (3.8" / 21.7 in ²)	up to 380 kg/h (838 lbs/h)
240	125.3 mm / 240 cm ² (4.9" / 37.2 in ²)	up to 720 kg/h (1,590 lbs/h)
340	148.3 mm / 340 cm ² (5.8" / 52.7 in ²)	up to 1,100 kg/h (2,420 lbs/h)
490	176.3 mm / 490 cm ² (6.9" / 76 in ²)	up to 1,400 kg/h (3,100 lbs/h)
630	200.3 mm / 630 cm ² (7.9" / 97.7 in ²)	up to 1,800 kg/h (3,970 lbs/h)
830	230.3 mm / 830 cm ² (9.1" / 128.7 in ²)	up to 2,650 kg/h (5,850 lbs/h)
1150	270.3 mm / 1,150 cm ² (10.6" / 178.3 in ²)	up to 3,500 kg/h (7,716 lbs/h)
1400	300.3 mm / 1,400 cm ² (11.8" / 217 in ²)	up to 6,000 kg/h (13,228 lbs/h)
1700	330.3 mm / 1,700 cm ² (13" / 263.5 in ²)	up to 10,000 kg/h (22,050 lbs/h)



ECON Continuous Screen Changer with Backflush Unit, ESK-B / ESK-4B

The continuous screen changers with backflush system provide major advantages with their fully automatic cleaning of the screens as soon as a defined maximum pressure is met.

ESK-B: approx. 50 % effective screen area

ESK-4B: approx. 75 % effective screen area

- backflush system to expand durability of screens
- high throughput rates
- optimized flow design in the melt channels
- extremely low pressure build-up protects material and screens
- no dead spots for faster material changes
- bayonet lock on backflush plates to prevent damage on piston guides
- screens can be changed during production

Video



ESK B / ESK-4B	Screen Diameter / Screen Surface	Throughput capacity*
90-B	76.3 mm / 90 cm ² (3" / 14 in ²)	up to 260 kg/h (573 lbs/h)
140-B	96.3 mm / 140 cm ² (3.8" / 21.7 in ²)	up to 380 kg/h (838 lbs/h)
240-B	125.3 mm / 240 cm ² (4.9" / 37.2 in ²)	up to 720 kg/h (1,590 lbs/h)
340-B	148.3 mm / 340 cm ² (5.8" / 52.7 in ²)	up to 1,100 kg/h (2,420 lbs/h)
490-B	176.3 mm / 490 cm ² (6.9" / 76 in ²)	up to 1,400 kg/h (3,100 lbs/h)
630-B	200.3 mm / 630 cm ² (7.9" / 97.7 in ²)	up to 1,800 kg/h (3,970 lbs/h)
830-B	230.3 mm / 830 cm ² (9.1" / 128.7 in ²)	up to 2,650 kg/h (5,850 lbs/h)
280-4B	96.3 mm / 280 cm ² (3.8" / 43.4 in ²)	up to 840 kg/h (1,850 lbs/h)
480-4B	125.3 mm / 480 cm ² (4.9" / 74.4 in ²)	up to 1,440 kg/h (3,180 lbs/h)
680-4B	148.3 mm / 680 cm ² (5.8" / 105.4 in ²)	up to 2,000 kg/h (4,410 lbs/h)
980-4B	176.3 mm / 980 cm ² (6.9" / 151.9 in ²)	up to 2,940 kg/h (6,480 lbs/h)
1260-4B	200.3 mm / 1,260 cm ² (7.9" / 195.3 in ²)	up to 2,940 kg/h (6,480 lbs/h)





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