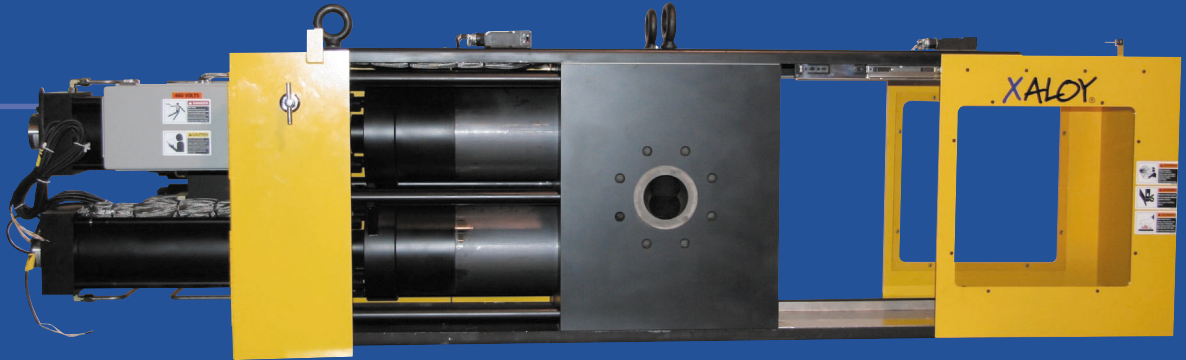


DBC Continuous Screen Changer

Applications

SHEET
FILM
PIPE/PROFILE
PELLETIZING
COMPOUNDING
RECYCLE
POLYMERIZATION



Features

- Seal-less design
- Automated control
- Optimized flow channels
- Fully guarded
- Removable polymer tray
- Integrated support system
- Designed using FEA modeling
- CE compliant

Benefits

- Increased production
- Reduced downtime & scrap
- Leak-free operation
- Increased filtration area
- Reduced inlet pressures
- Accurate, repeatable screen changes
- Reduced maintenance
- Simple operation
- Safe operation
- Operator friendly

From the worldwide leader in filtration equipment, Xaloy offers the DBC Continuous Screen Changer that provides continuous polymer flow and consistent, repeatable process parameters during screen changes.

As polymer enters the screen changer the melt stream is divided equally and distributed through two rheologically optimized breaker plates. This method of filtration provides increased screen area as compared to single breaker plate screen changer designs and maintains a streamlined polymer flow path. Polymer merges back to a single melt stream as it exits the screen changer.

Related Services

On-site Start-up Assistance and Training.

Xaloy offers a comprehensive service menu catered to meet your specific requirements and ensure your equipment performs to your expectations.

Laboratory Testing of Customer Polymers.

Xaloy employs three complete extrusion lines to emulate your process conditions and provide real-world test results for your review prior to purchasing equipment.

Polymer Rheology Testing.

Xaloy has the ability to provide polymer viscosity, melt index, and moisture analysis.

www.xaloy.com

XALOY[®]

every pellet knows our name™

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Fax: 828-326-8882

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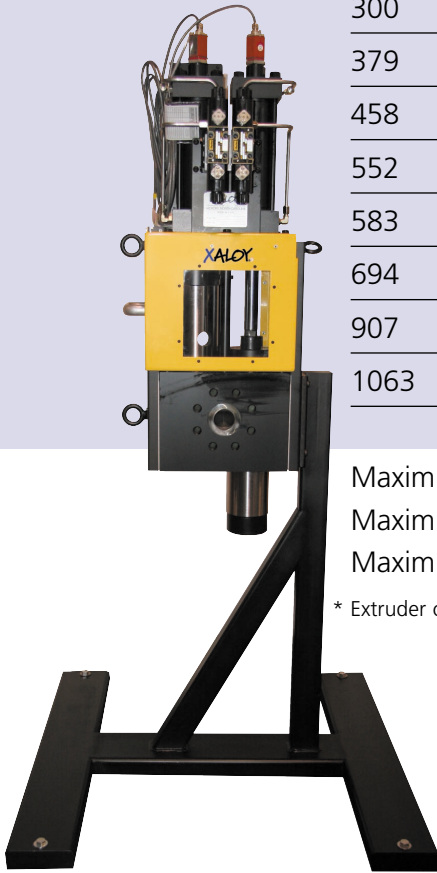
DBC Continuous Screen Changer

Specifications

Model	Extruder Output* lb/hr (kg/h)	Screen Diameter in. (mm)	Filter Area sq. in. (sq.cm)
300	600 (272)	3.00 (76.2)	2 x 7.07 (45.61)
379	1050 (476)	3.79 (96.3)	2 x 11.28 (72.78)
458	1500 (680)	4.58 (116.3)	2 x 16.47 (106.26)
552	2200 (998)	5.52 (140.2)	2 x 23.92 (154.33)
583	2420 (1098)	5.83 (148.1)	2 x 26.68 (172.14)
694	3530 (1601)	6.94 (176.3)	2 x 37.81 (243.95)
907	6000 (2721)	9.07 (230.4)	2 x 64.58 (416.67)
1063	13,230 (6000)	10.63 (270.0)	2 x 88.75 (572.50)

Maximum Pressure: 7500 psi (517 Bar)
 Maximum Differential Pressure: 3000 psi (207 Bar)
 Maximum Temperature: 650°F (343°C)

* Extruder output will vary based on actual process conditions



The DBC is also available in a vertical orientation offering a more compact design, requiring less aisle space than the horizontal versions.

Our worldwide presence includes sales and service offices located in the United States, Europe, Thailand, Japan, China and India and a global network of agents geographically positioned to serve customers throughout the world.

Equipment Options

- Automatic Control System
- Adapters
- Custom Stands
- Melt Pump Systems
- Static Mixers
- Pelletizers
- Cleaning Ovens
- Turn-key System Integration
- Manual Screen Changer
- Hydraulic Screen Changer



An automatic hydraulic control and a hand-held operator pendant make screen changes simple, reliable and repeatable.

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