

# BKG® NorCon™ Continuous Screen Changer DBC

The BKG Continuous Screen Changer DBC 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.

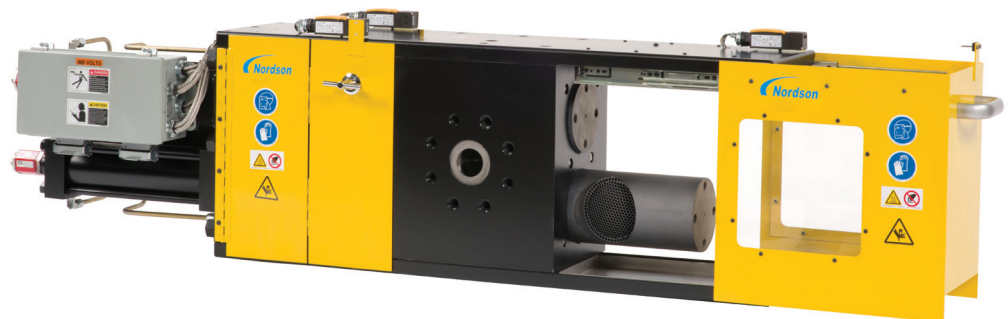
## Features and Benefits

### Features

- Wear free metallic sealing system - no additional seal required
- Automated control
- Optimized flow channels
- Fully guarded
- Removable polymer tray
- Integrated support system
- Designed using FEA modeling
- CE compliant

### Benefits

- Increased production due to reduced downtime & scrap
- Operator friendly due to simple and safe operation as well as reduced maintenance
- Accurate, repeatable screen changes possible due to automated control



## Related Services

### On-site Start-up Assistance and Training

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

### Laboratory Testing of Customer Polymers

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

### Polymer Rheology Testing

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

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## Specifications

Model	Extruder Output* kg/hr (lbs/hr)	Screen Diameter mm (in.)	Filter Area cm <sup>2</sup> (in. <sup>2</sup> )
300	272 (600)	76.2 (3.00)	2 x 45.61 (7.07)
379	476 (1050)	96.3 (3.79)	2 x 72.78 (11.28)
458	680 (1500)	116.3 (4.58)	2 x 106.26 (16.47)
552	998 (2200)	140.2 (5.52)	2 x 154.33 (23.92)
583	1098 (2420)	148.1 (5.83)	2 x 172.14 (26.68)
694	1601 (3530)	176.3 (6.94)	2 x 243.95 (37.81)
907	2721 (6000)	230.4 (9.07)	2 x 416.67 (64.58)
1063	6000 (13,230)	270.0 (10.63)	2 x 572.50 (88.72)

Maximum Pressure: 517 bar (7500 psi)

Maximum Differential Pressure: 207 bar (3000 psi)

Maximum Temperature: 315°C (600°F)

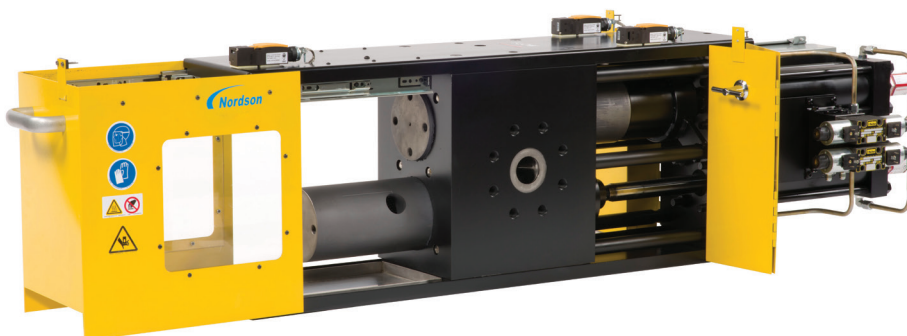
\* Extruder output will vary based on actual process conditions



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

## Equipment Options

- Automatic Control System
- Adapters
- Custom Mounting Stands
- Gear Pump Systems
- Static Mixers
- Pelletizers
- Cleaning Ovens
- Turn-Key System Integration



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