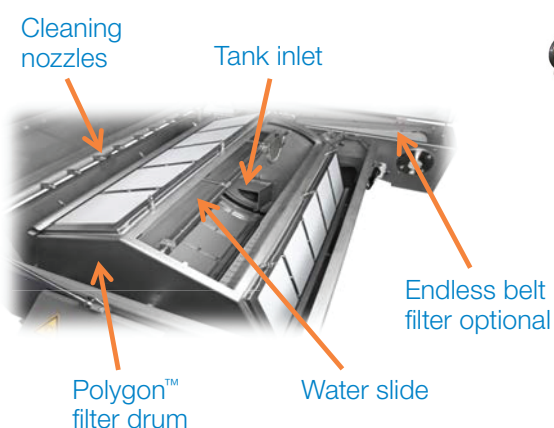


BKG[®] Polygon[™] Water Filtration System

Pelletizing Technology for:

- Polymerization
- Compounding, highly-filled compounds
- Recycling
- Materials which generate a high degree of fines
- Micropellets



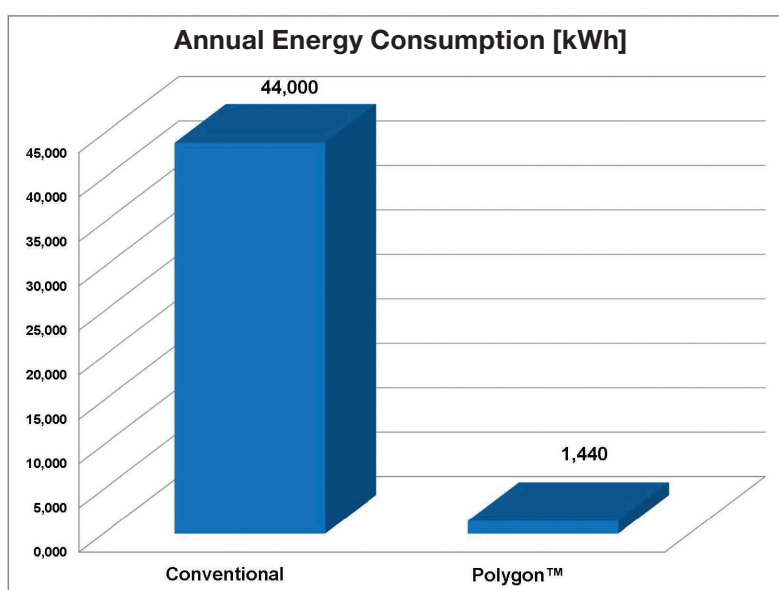
The BKG Polygon[™] water filtration system is an automated, self-cleaning tempered water system which minimizes operator intervention to help maximize productivity and reduce energy consumption in order to increase operating profit.

Energy Savings

The Polygon[™] water filtration system eliminates the 2nd process water pump, and uses only a small motor for rotating the filter drum. Gravity facilitates the fine filtration of the process water.

Finer Filtration

The Polygon[™] drum filter has a filtration fineness of 70 μ m compared to 150 μ m of a conventional curved sieve.



For water filtration portion only

BKG® Polygon™ Water Filtration System

BKG Combigon™

Model	Pellet Dryer	Capacity
Combigon™ 2	TVE 2000 ED	< 2,000 kg/hr (4,400 lb/hr)

- Based on the Combi-Line™ system but with enhanced water filtration
- Combigon™ systems come equipped with the Polygon™ automatic filter. An automatic fines removal system is available with optional belt filter instead of filter cassette drawer

BKG Optigon™

Model	Pellet Dryer	Capacity
Optigon™ 2	TVE 2004 SR	< 2,500 kg/hr (5,500 lb/hr)
Optigon™ 3	TVE 6002 SR	< 5,000 kg/hr (11,000 lb/hr)
Optigon™ 4	TVE 6002 SR	< 7,500 kg/hr (16,500 lb/hr)
Optigon™ 5	TVE 12000 SR	≤ 15,000 kg/hr (33,000 lb/hr)

- Our premium water system with a high level of standard features and a variety of available options
- Based on our Opti-Line™ system, but with enhanced water filtration
- Optigon™ systems come equipped with a Polygon™ automatic filter. An automatic fines removal system is available with optional belt filter instead of filter cassette drawer
- Larger systems available upon request

Features:

- Continuous, automatic water filtration
- High level of automation, reduced operator intervention
- Completely skid-mounted

Benefits:

- Improved water filtration level (up to 70µm)
- Optional belt filter maximizes system automation
- Energy savings during operation through elimination of secondary pump

Nordson BKG GmbH
Hessenweg 3-5
48157 Münster / Germany
+49.251.26501.0 **Phone**

USA
+1.828.326.9888 **Phone**

China
+86.21.5785.091.8 **Phone**

www.nordsonpolymerprocessing.com | info@nordsonpolymerprocessing.com
© 2020 Nordson BKG GmbH
Printed in USA
3/2020

