

Press Release -for immediate release-

For more information contact:

Andrea Siy
SIY Communications
978-465-6363
andrea@siycommunications.com

Sandy Guthrie, President
ADG Solutions
203-610-1500
sandy@adgs.net

ADG Solutions announces new improvements to the CFO Line of Continuous Melt Filtration Systems as well as a new model CFO 25

(ADG Solutions, Tucker, GA, June 26, 2018)... ADG Solutions offers a complete line of highly engineered and well built Continuous Melt Filtration Systems (CFO) manufactured in Atlanta, GA and with supplies, parts and service all within North America. The CFO system makes possible uninterrupted extrusion, even when processing highly contaminated materials. Unlike conventional screen changers, which require extensive and constant operator attention, the CFO – which stands for Continuous Filter Operation – can operate automatically. As extruded material enters the unit, it passes through a stainless-steel screen plate that is micro drilled and hard faced, filtering contaminants that are caught on the screen-plate surface. When waste builds up and back pressure reaches a preset level, a rotating blade sweeps the screen and removes the contamination through a discharge port.

CFO Models

CFO Model	Diameter (in)	lbs/hour
CFO 15	15	800-1800
CFO 20	20	1200-4000
CFO 25	25	3000-7500

The CFO handles a broad range of materials including PE, PP, PS, PC, and ABS. The filter can handle up to 10% paper and other foreign objects up to 0.75 inch in diameter. Contaminants such as metal, wood, paper, textile fibers, un-melted

plastic granules, and low percentages of aluminum, lead, copper, rocks and other impurities readily tolerated.

CFO offers cost effective systems with low operating costs:

- Screens and blades are stocked in Atlanta in most filtration sizes
- electrical parts are US parts and available at most the wholesalers
- Wear parts and all machine parts are stocked in Atlanta

New Designs for Improved Performance

New advancements are now available on the complete CFO line to improve the overall performance of these systems. These include a new scraper design that has been refined for smaller purges. This design improves efficiency and covers a broader range of applications. The corresponding computer program/controls has been updated to allow the amount of scrapes in between purging to be variable so the user can maximize contamination collection. The screen plate filter has also been redesigned to be thicker, harder and with more uniform hole quality.

Coming late summer, a new diamond hard plate surface will be available for aggressive and abrasive processes. This design will offer a significantly longer screen life by 2-3 times over the existing design.

Introduction of the NEW CFO 25

The New Model CFO 25, introduced at the recent NPE show, offers over a 10% larger screen surface area and sizing that is completely imperial - replacing the existing 600mm model. The cover includes 365 degrees of studs thereby properly sealing the surface and preventing any leaks. This robust design tolerates much higher pressures of up to 3500 psi.

About ADG

From scrap to pellet, ADG Solutions helps companies process hard-to-recycle plastic waste from industrial, commercial and post-consumer sources. In business for over 14 years, the company engineers custom systems including washing, size-reduction, densifying, extrusion, filtration, pelletizing and material handling equipment. ADG Solutions works collaboratively with clients through a process of discovery to consider every step, variable, and detail critical to the

success of their plastics recycling business. The process ensures a plastic recycling system that perfectly suits the client's business model, capabilities, expansion and growth.

#

Photos to be included