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News Release

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ADG Solutions Agreement with Cofit NA Brings 'Gorilla' Screenchangers to U.S.A.

ADG Solutions, Fairfield, CT, has concluded a sales agreement with Cofit NA, San Diego, CA, that give ADGS exclusive rights to sell the Cofit 'Gorilla Belt' screenchanger in all but three states in the U.S. and Canada. Cofit NA will handle sales directly in California, Oregon and Washington and also in Mexico.

The screenchanger, which is specially designed for filtering heavily contaminated thermoplastics such as agricultural or building films and post-consumer plastics, is being introduced to North America for the first time. As part of the agreement, Cofit will also sell the new ADG Solutions-made CFO continuous melt filtration systems on the West Coast and in Mexico. Controls and software for the Gorilla Belt machines will be sourced in the U.S., and the two companies will provide local service and support in their respective regions.

The Cofit screenchangers, together with the CFO filter, become part of ADGS's portfolio of equipment and processing solutions that help companies transform hard-to-recycle plastic waste into clean, valuable feedstock. The ADGS product line also includes shredders, wash systems, twin-screw densifying extruders, single-screw reclaim extruders, ram stuffers for difficult-to-feed materials.

"We're proud to be working with Cofit," says Sandy Guthrie, President, ADG Solutions. "It gives ADG a rugged, high-performance filtration option that we can offer customers who prefer a continuous-belt screenchanger for melt filtration as fine as 80 micron."

The Gorilla Belt screen is supplied in 50m (165-ft) continuous rolls. The screen passes through the screenchanger body so it crosses the resin flow path. A pair of cylinders clamp the screen in place to seal off melt leakage. As impurities contained in the extrudate accumulate on the screen surface pressure upstream from the filter increases. When the differential between inlet and outlet melt pressure exceeds a set level, a valve closes the melt flow channel and the sealing cylinders open to new, clean section of screen advance into the flow channel, while the contaminated section exits the other side of screenchanger where it is rolled onto a take-up reel. The screen change can also be triggered by a timer.

During the screen change, the extruder continues to run without interruption, conveying melt into an accumulator cylinder. As soon as the clean screen section is properly positioned and the sealing cylinders close, the valve opens and the accumulator cylinder slowly advances adding the accumulated melt onto the flow channel.

The unit operates fully automatically with no operator intervention except when the screen roll needs to be replaced. Belt replacements take only about 10 minutes and, depending on the level of contamination in the melt, one roll can sometimes last all day. Material waste is minimal. The Gorilla Belt design ensures that only dirt, impurities and plastics sticking onto the screen surface are discarded.

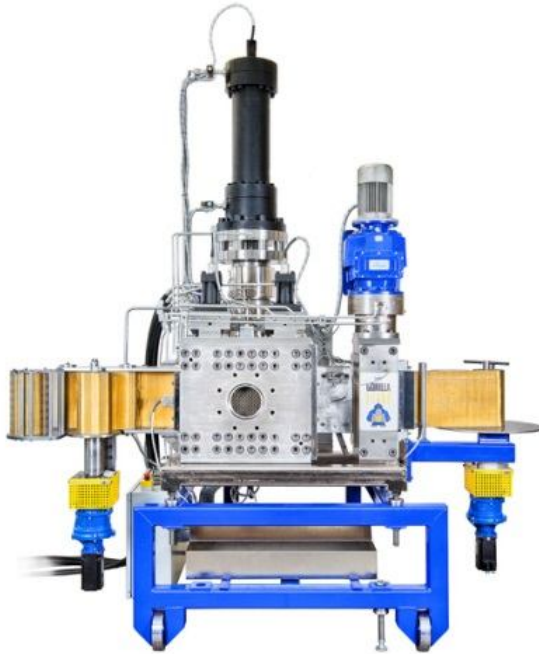
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The Cofit screen changer easily handles most materials, including HDPE, LDPE, LLDPE, PP, PET, ABS, PS, nylon (PA) and more. It operates at up to 662°F (350°C) and pressure up to 2900 psi (200 bar). Hourly throughput can reach up to 7670 lb (2500 kg).

Cofit was founded in the early 1960 and was one of the companies to understand the importance of melt filtration in plastics extrusion. In 1967, it introduced its first continuous screenchanger, a patented system for the replacement of screens without interrupting the production cycle. These products have been installed all over the world and made the Cofit trademark a synonym "screenchanger."

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 10 years, the company engineers custom systems including washing, size-reduction, densifying, extrusion, filtration, pelletizing and material-handling equipment.

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The Cofit 'Gorilla Belt' screenchanger is now available in the U.S.A. through ADG Solutions.