



***EXCELLENCE IN SCREENCHANGERS***

**Solutions for the filtering and the  
treatment of plastic material**



For almost forty years **Cofit International** has specialized in the **production of screenchangers and systems for the filtering and treatment of plastic materials**, sold throughout the world.

The Italian company with production sites in Cerro Maggiore (Milan) was the first one to obtain an international patent for continuous flow screenchanger.

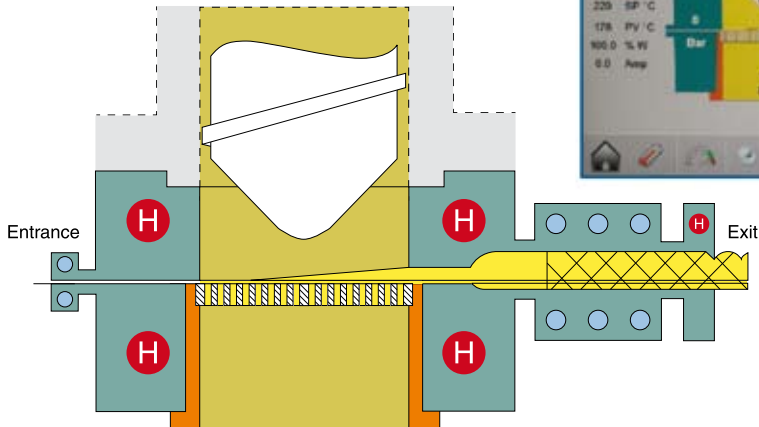
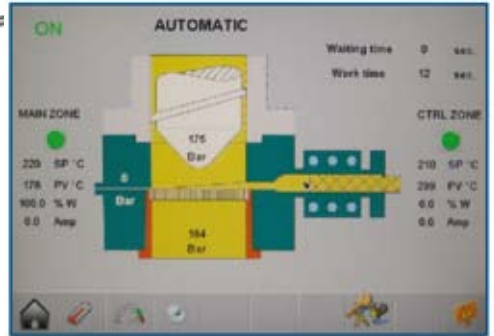
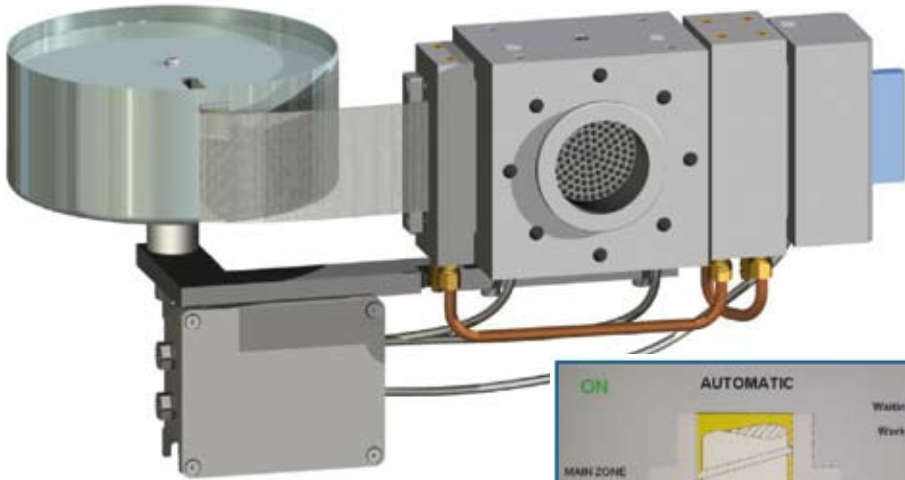
For this reason the name of Cofit has, over the years, become synonymous with screenchanger in the international market.

The company's mission is the development of systems to **simplify and speed up** the production processes for the treatment of plastic materials, achieving an even **higher standard of quality in the final product obtained**, and at the same time lowering management costs, as well as the environmental impact of the systems.

In order to obtain these results, Cofit products aim for innovation and exclusive patents. The investment in research is targeted at simplicity of use, maximum control and safety of operation, with particular attention given to **energy savings** and the choice of **long resistant materials**. Cofit today provides solutions offering a wide range of extremely high quality and high technology products.

# AutoScreen Next Generation<sup>®</sup>

## Automatic and Continuous screenchanger



### AutoScreen

Processing	Continuous flow, automatic
Type of material	Steel
Diameter of filtering unit	From 35 to 200 mm (1-1/4" to 8")
Heaters	Cartridges
Material status	Medium pollution
Operating temperature	Up to 350° C (662° F)
Pressure	Up to 700 bar (10.000 psi)
Hourly capacity	Up to 2000 Kg/h (4000 pounds)
Polymer	HDPE, LDPE, LLDPE, PP, ABS, PET, PS, Nylon...
Process	Most of the applications

# AP<sup>®</sup>Series

## Self-cleaning continuous flow screenchanger

### AP is SELF-CLEANING:

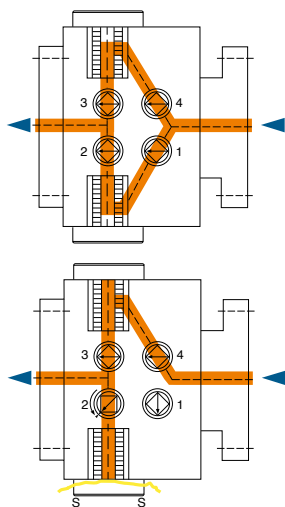
Thanks to an **exclusive Cofit patent** the filter cartridges get cleaned without being taken out of the block.

### AP is CONTINUOUS:

The filtering cartridges can be cleaned and replaced without having to interrupt production.

### AP is ECONOMICAL:

It doesn't need an expensive control panel or an hydraulic unit. Its maintenance and spare parts are reduced to the minimum.



### AP Series Screenchanger

Processing	Continuous flow - SELF-CLEANING
Type of material	Steel
Filtering unit area	Up to 600 cm <sup>2</sup>
Heaters	Hardened
Material status	Medium pollution
Operating temperature	Up to 300°C
Pressure	Up to 800 bar
Hourly capacity	Up to 2000 kg/h
Machined product	PE, PP, ABS, PET, PS, etc.
Resulting product	Film, raffia, monofilaments, bioriented, plate, etc.

# F No-Stop Series®

## Uninterrupted flow manual screenchanger

### F is CONTINUOUS:

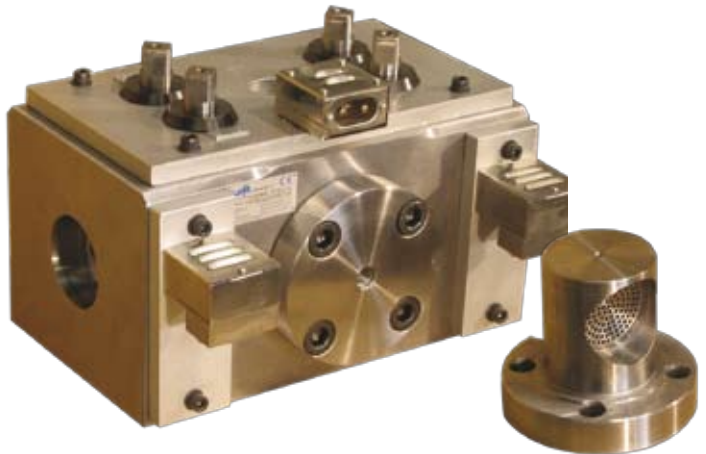
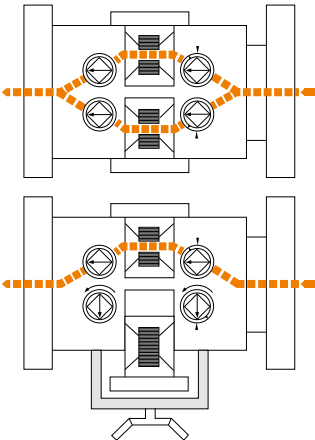
Thanks to an **exclusive Cofit patent**, the filtering units are cleaned and replaced without interrupting the production.

### F is SIMPLE:

Its operation is simple, the structure has no moving parts and filters can be easily replaced.

### F is PRACTICAL:

Thanks to its single block structure, the F screenchanger is indestructible. Furthermore it does not require any special maintenance.

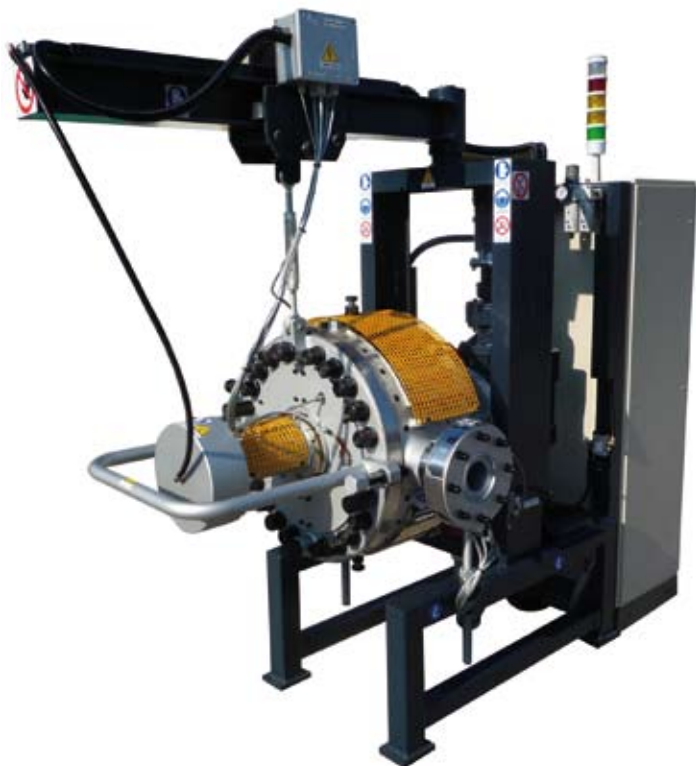


### F Series Screenchanger

Processing	Continuous flow
Type of material	Steel
Diameter of filtering unit	From 15 to 130 mm
Heaters	Hardened
Material status	Low pollution
Operating temperature	Up to 300°C
Pressure	Up to 700 bar
Hourly capacity	Up to 2000 kg/h
Machined product	ABS, PE, PP, PET, PS, etc.
Resulting product	Film, raffia, single thread, bioriented film, sheet, flat head plate, fibers and filaments

# AP.R®

## Automatic and Self-cleaning screenchanger for Recycling



### AP.R is SELF-CLEANING:

An internal device in the filter periodically cleans, with maximum simplicity, the filtering plate of all impurities.

### AP.R is EFFECTIVE:

The cleaning, by scraping of the filtering plate, makes it possible to filter at high rates even those materials which are very polluted with metallic residues, wood, paper, textile fibres, stones and other impurities.

### AP.R is AUTOMATIC:

All cleaning operations take place automatically, thanks to an internal PLC.



### AP.R Series Screenchanger

Processing	SELF-CLEANING intermittent or continuous flow
Type of material	Steel
Filtering unit Ø	325-600 mm
Holes filtering plate Ø	0.3-1.5 mm
Heaters	Hardened
Material status	High pollution
Operating temperature	Up to 300°C
Pressure	Up to 200 bar
Hourly capacity	Up to 5000 kg/h
Machined material	PE, PP, ABS, PS and molten synthetic resins
Resulting product	Recycled plastic material

## CL Series

Manual control and intermittent flow

Diameter of filtering unit: from 15 to 130 mm



The CL series screenchangers are manually operated by a control lever and require a short interruption of the working cycle, in order to replace the screens.

## CO series

CO is a screenchanger with discontinuous flow of the filtered melt



The great advantage of this type of screenchanger is the possibility of replacing the filtering screens very easily and rapidly, thanks to the screens installed on a sliding plate which is automatically controlled.

CO model is in three different versions:

- **Manual:** movement controlled by a hydraulic ratchet
- **Automatic:** with a PLC driven hydraulic unit control
- **Automatic “no loss”:** with a **Gear Pump** installed on the CO exit

Diameters of filtering unit: from 50 to 350 mm.



To see more details about our product range,  
to **watch videos**, to download  
**technical sheets** or to **get a quote**,  
please visit [www.cofit.com](http://www.cofit.com)

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