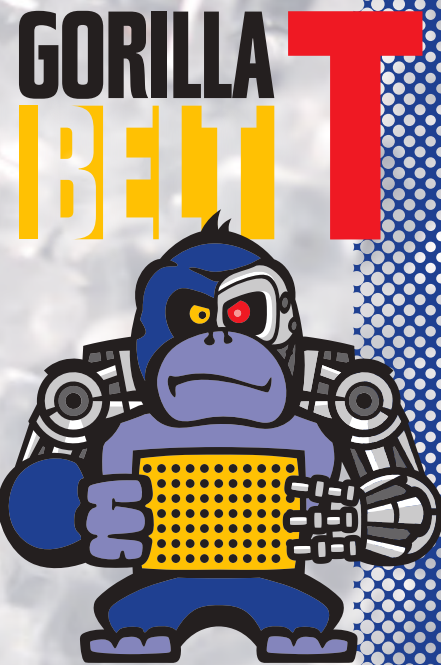
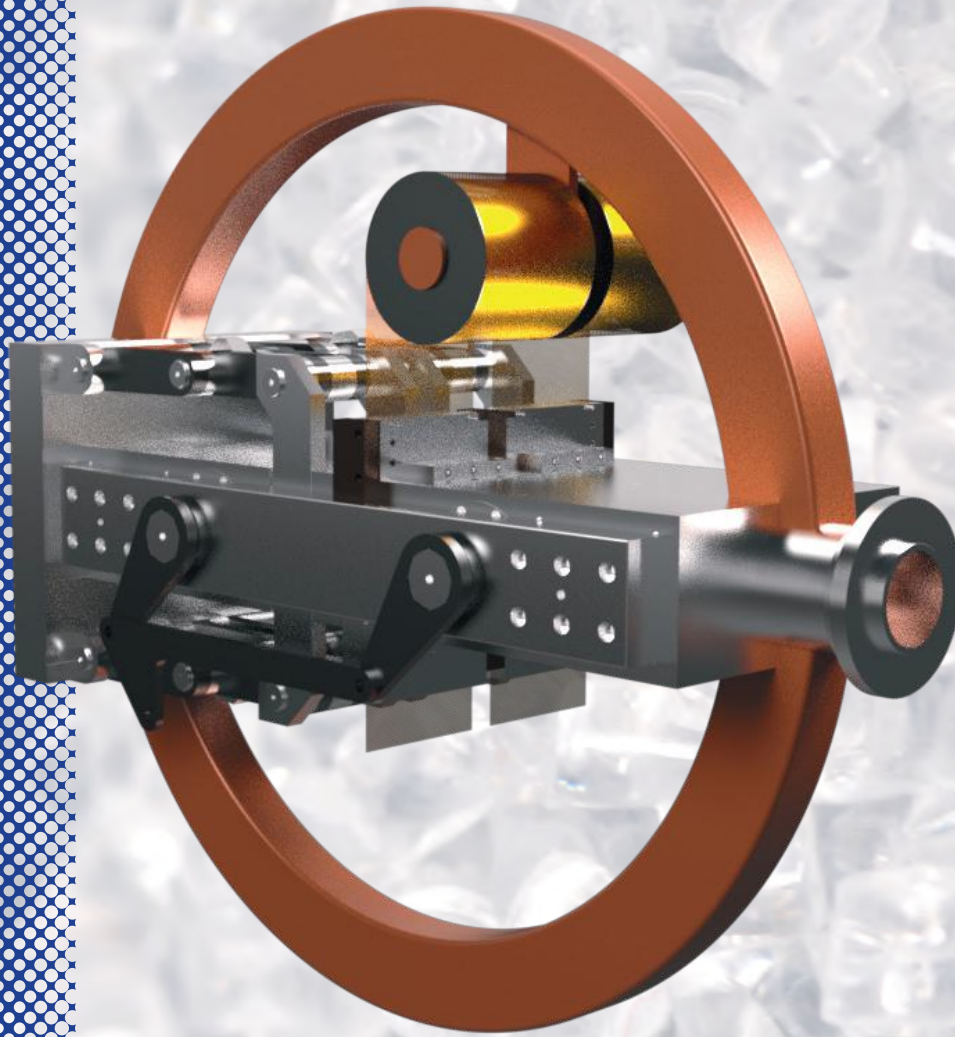




Excellence in Screenchangers

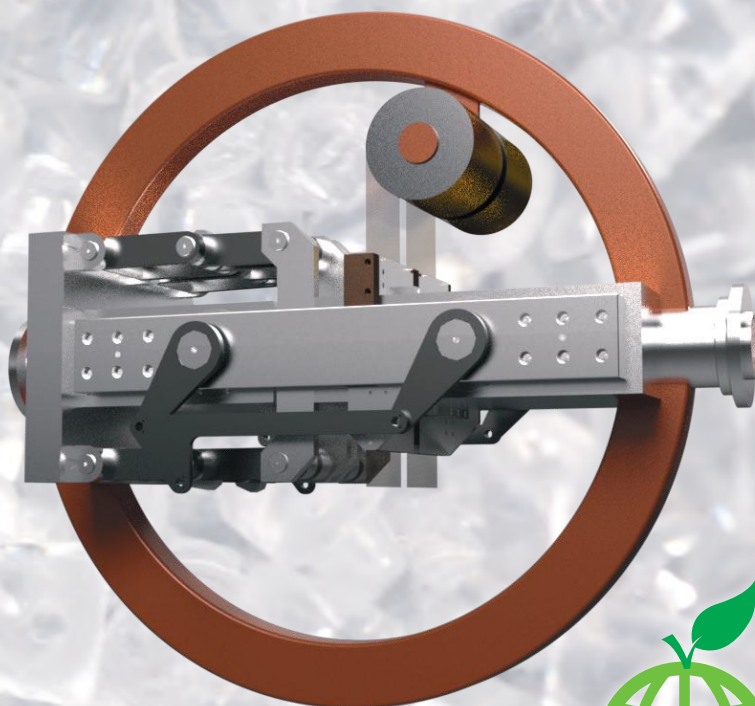
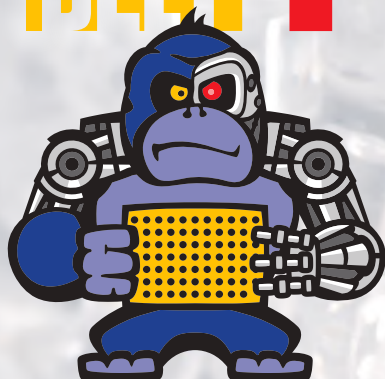
AUTOMATIC AND CONTINUOUS SCREENCHANGER FOR PLASTIC RECYCLING



GORILLABELT T Advantages

- Zero polymer loss during the cleaning cycle
- No pressure peaks during screen changes
- Filtration level up to 50µm
- Low power consumption
- Contamination level +10%
- Hourly capacity +3.000 kg/h (+6,600 lbs/h)
- Low operating costs
- Easy maintenance

GORILLA BELL T



ECO FRIENDLY

TECHNICAL DATA

Processing: **Automatic and Continuous**

Filtering area: up to **816 cm²**

Material contamination: **very high, +10%**

Impurities: **any kind**

Hourly capacity: **+3.000 kg/h (+6,600 lbs/h)**

Polymers: **HDPE, LDPE, LLDPE, PP, PET, PS, ABS, PC, PA, PMMA and more**

Products and Applications: **pellet, film, sheet, pipe, cable, profile, and more**

Max filtration level: **50 microns (270 mesh)**



Cofit International S.r.L. - Via J.F. Kennedy 9 - 20023 Cerro Maggiore (MI) - Italy
Phone +39 0331 93551 - info@cofit.com

Cofit North America - 4455 Murphy Canyon Rd #100 San Diego, CA 92123
Phone +1 (415) 659-9830 - info@cofitna.com

www.cofit.com



Excellence in Screenchangers

AP SERIES

AP[®]SERIES - SELF-CLEANING CONTINUOUS FLOW SCREENCHANGER

AP IS SELF-CLEANING

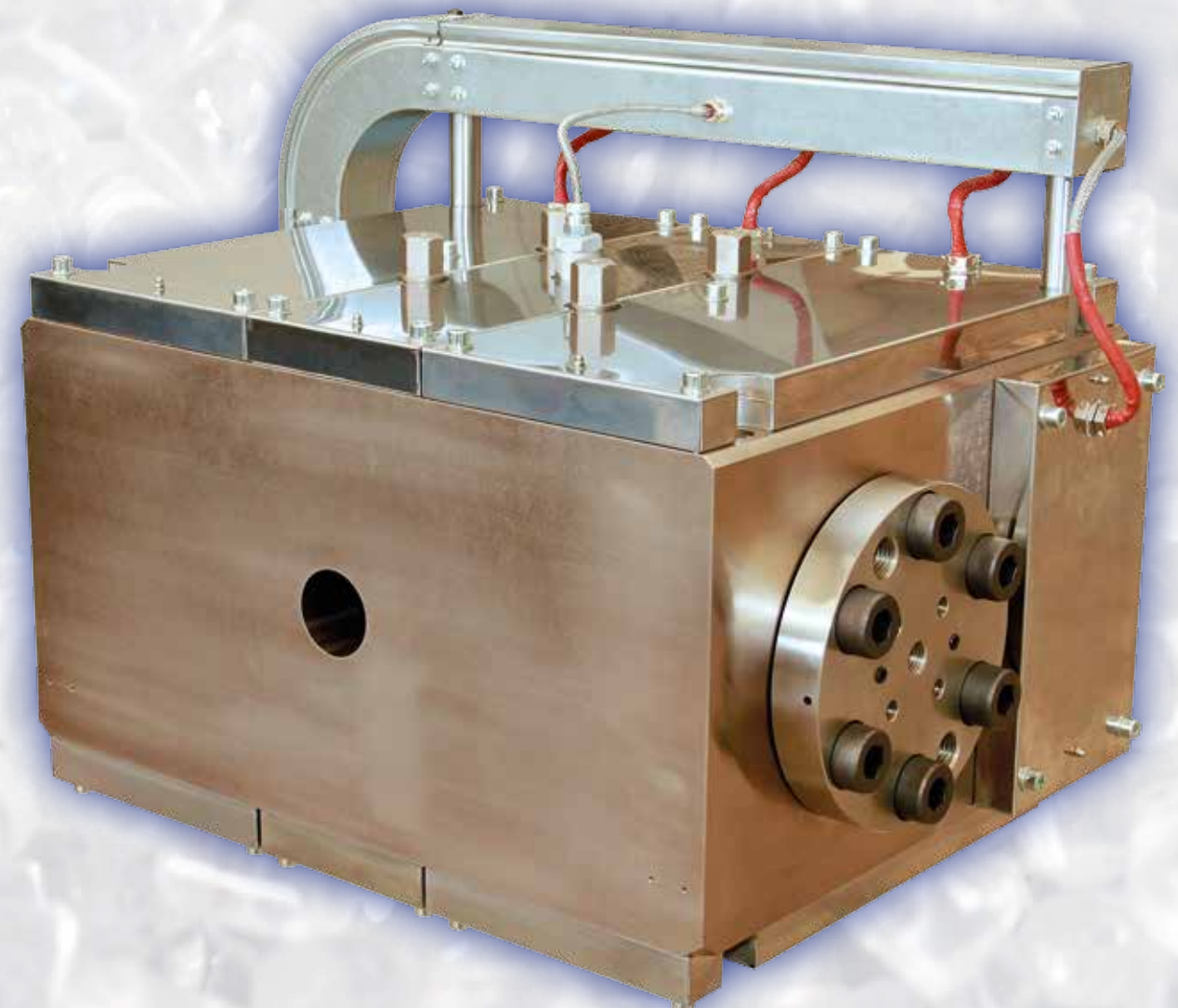
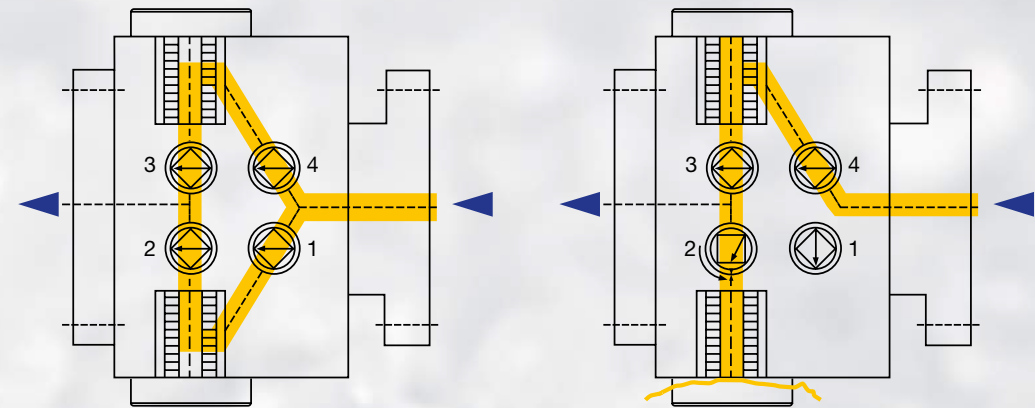
Thanks to an exclusive Cofit patent the filter cartridges get cleaned without being taken out of the block.

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.



TECHNICAL DATA:

Processing: Continuous flow - SELF-CLEANING

Type of material: Steel

Diameter of filtering unit: Up to 945 cm²

Heaters: Hardened

Filtering area: Up to 600 cm² (93 square inches)

Material status: Very suitable for moderately contaminated materials

Operating temperature: Up to 300°C (572° F)

Pressure: Up to 400 bar (5.800 psi)

Hourly capacity: Up to 1.000 kg/h (2.200 pounds)

Machined product: PE, PP, ABS, PET, PS, etc.

Applications: Film, Sheet, mono filaments, Pipe, Tubing and more

Cofit International S.r.l.
Via J.F. Kennedy 9
20023 Cerro Maggiore (MI) - Italy
info@cofit.com
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Fax +39 0331 935591

www.cofit.com

PA SERIES



Excellence in Screenchangers

SCRAPE AWAY

AUTOMATIC AND SELF CLEANING SCREENCHANGER FOR HEAVY POST CONSUMER RECYCLING

The ScrapeAway Continuous Melt Filtration System may look similar to other filters, but it is completely different. In fact, it's better built and better supported than any filter of its kind thanks to the Cofit technology.

The machine is made in USA and distributed worldwide with the exclusion of Italy.

SCRAPE AWAY

The new ScrapeAway system makes possible uninterrupted extrusion, even when processing highly contaminated materials.

Unlike conventional screenchangers, which require extensive and constant operator attention, the ScrapeAway – 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, while contaminants are caught on the screen-plate surface.

When waste builds up and back pressure reaches a pre-set level, a rotating blade sweeps the screen and removes the contamination through a discharge port. The ScrapeAway handles a broad range of materials including PE, PP, PS, PC, and ABS, and can operate at temperatures up to 280° C (536° F) and pressures up to 200 bar (2.900 psi).

The filter can handle up to 10% paper and other foreign objects up to 19 mm (0.75 inch) in diameter. Contaminants such as metal, wood, paper, textile fibres, unmelted plastic granules, and low percentages of aluminium, lead, copper, rocks and other impurities readily tolerated.

SCRAPEAWAY ADVANTAGES

- Unimpeded flow through large passages
- Tolerates up to 10% of paper/ labels or cardboard
- Can handle contaminants up to 19 mm (0.75 inch) in diameter
- Minimal discharge of good material with contaminants



TECHNICAL DATA:

Processing: **Automatic**

Type of material: **Steel**

Filtering area: **Up to 2.750 cm² (426 square inches)**

Heaters: **Armoured – Ceramic**

Material contamination: **Very High**

Operating temperature: **Up to 280° C (536° F)**

Pressure: **Up to 200 bar (2.900 psi)**

Hourly capacity: **Up to 2.500 kg (5.500 pounds)**

Polymers: **HDPE, LDPE, LLDPE, PP, ABS, PS...**

Products and Applications: **pelletized product**

Max filtration level: **300 microns (50 mesh)**

Max impurities dimension: **19 mm (0.75 inch)**

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Via J.F. Kennedy 9
20023 Cerro Maggiore (MI) - Italy
info@cofit.com
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Fax +39 0331 935591

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SCRAPE N/A



Excellence in Screenchangers

A large, thick yellow circle is centered on the page, framing the 'POWERBELT' text. The background of the entire page is a close-up, high-contrast image of a screen or filter material, showing a complex, woven pattern of fibers and openings.

POWERBELT

AUTOMATIC AND CONTINUOUS SCREENCHANGER

CONTINUOUS AND AUTOMATIC

POWERBELT guarantees continuous production, and requires no operator assistance while running.

HIGHEST PRODUCTION QUALITY

POWERBELT provides perfect configuration for any different production requirement. At screen changing, pressure fade is irrelevant, with no air contact.

NO MAINTENANCE

POWERBELT has no motor or moving mechanical parts. It requires no maintenance interventions, except for screen roll replacement.

POWERBELT - CONTROL SYSTEM

The standard control system is fully automatic and operates screen advance depending on the material contamination level.

Time, pressure, dual or manual control modes are available.

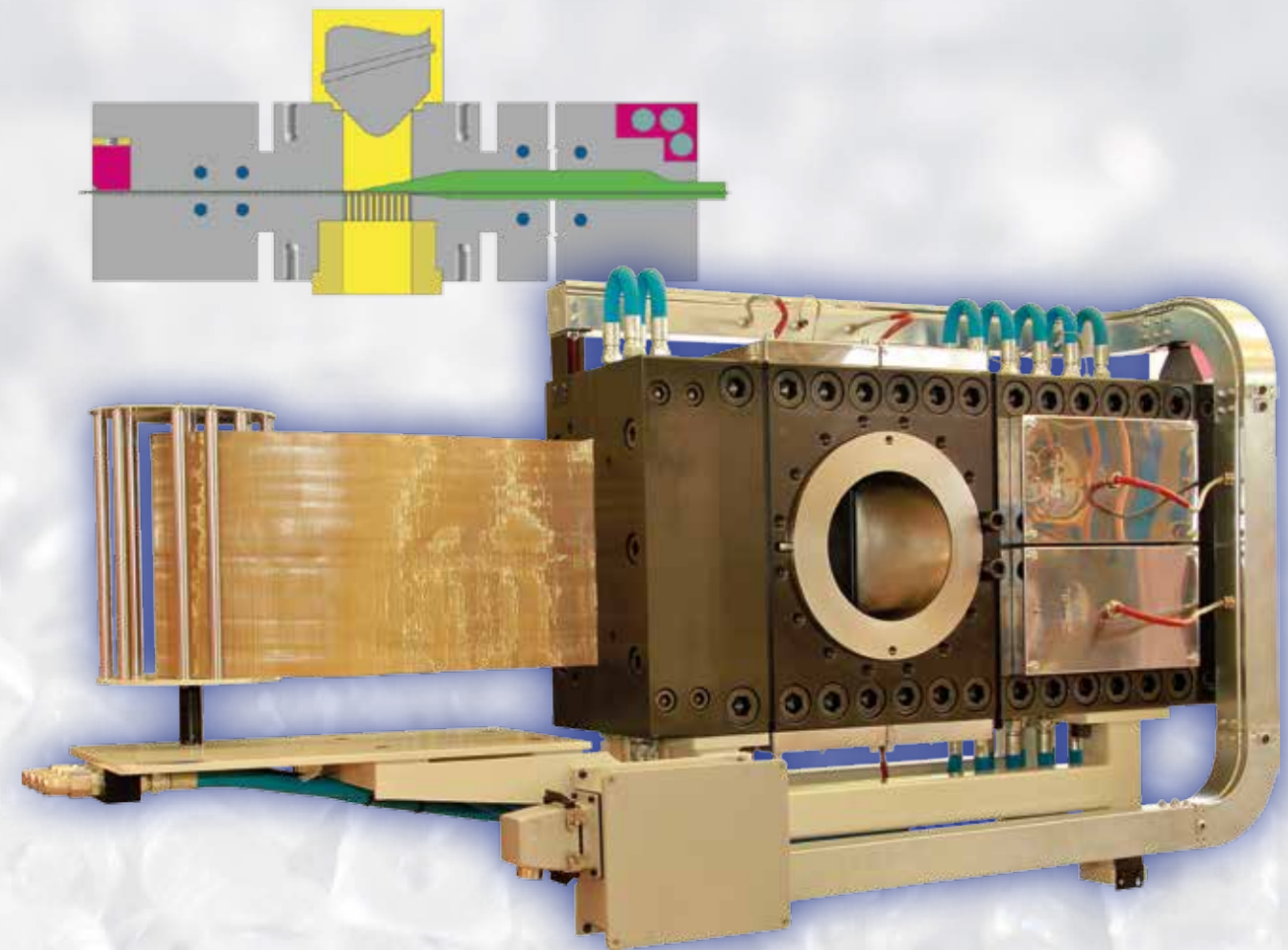
All main operating parameters can be monitored from the control panel:

- POWERBELT upstream and downstream pressures
- Operating state of the automatic advancement process
- Timing
- Choice of "how to use" (automatic, manual, maintenance)

All system parameters are easily configurable via a touch screen type control panel, according to the ongoing process, materials, filtration fineness, ...

System configuration pages are password protected.

The user interface is multi-language.



TECHNICAL DATA:

Processing: Continuous flow, automatic

Type of material: Steel

Nominal diameter breaker: From 30 to 200 mm (from 1-1/8" to 8")

Heaters: Armored

Filtering area: Up to 132 cm² (20.5 square inches)

Material contamination: Medium, post industrial recycling

Operating temperature: Up to 300° C (572° F)

Pressure: Up to 400 bar (5.800 psi)

Hourly capacity: Up to 600 kg/h (1.320 pounds)

Polymer: HDPE, LDPE, LLDPE, PP, ABS, PET, PS, Nylon...

Products and Applications: Suitable for most of products and applications

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POWERBELT