



*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 cm<sup>2</sup> (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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