



**NEU
JKF**

Dedicated to clean air

PROCESS WASTE EXTRACTION

**Solutions for process waste extraction:
paper waste, cardboard, packaging, edge trims, print
trim, metal packaging.**



Bread, rusks and packaging waste



Plastic waste



Paper, cardboard, ... waste



Beverage cans, scrap metal packaging

NEU-JKF produces waste capture at source systems to enable manufacturers to ensure staff safety (removing the need for manual gathering), to optimise processes and energy efficiency.

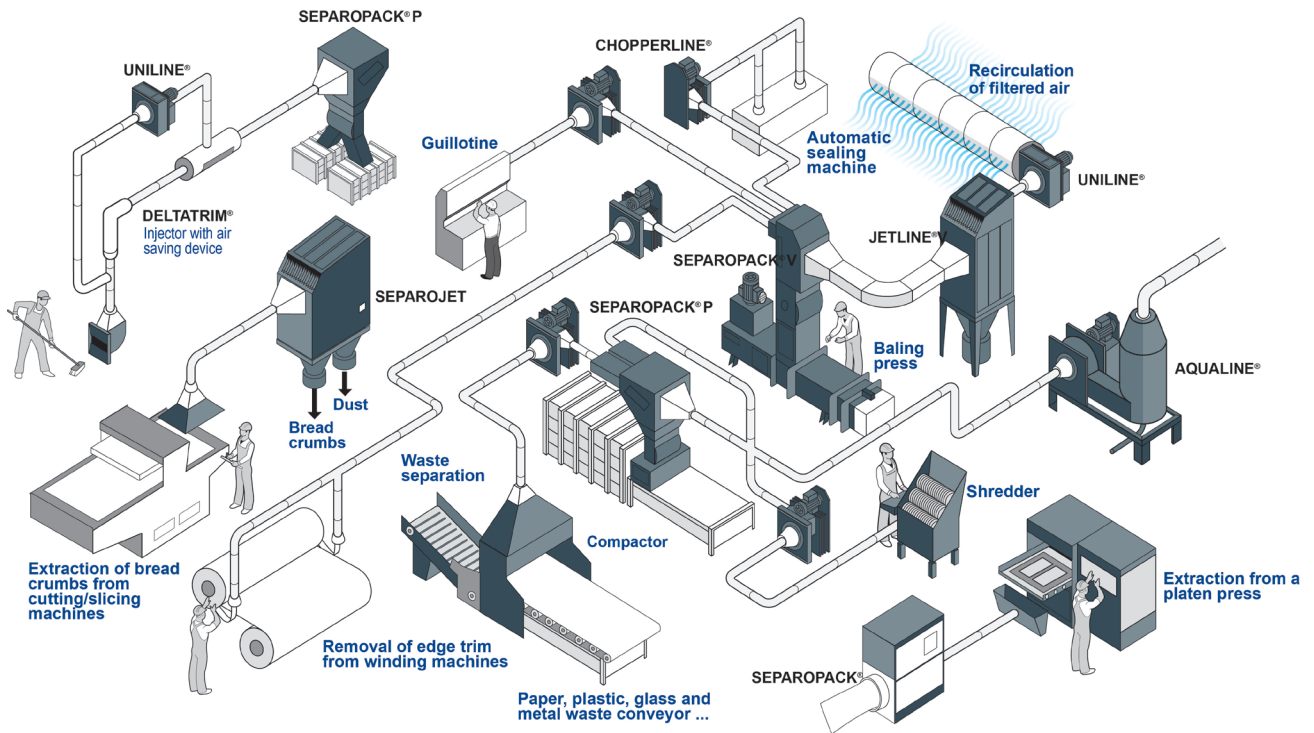
- **Capture** hoods adapted directly to the machine to extract waste
- **Shredding, cutting and compacting** of large-volume and heavy waste to make them easier to transport
- **Transport** by adapting ducting (continuous-welding with no points for the material to hook up inside the pipework)
- **Separate**: air and material separate by gravity (energy saving and reduced footprint compared with a cyclone separator)
- **Filter**: filtration of dust-ridden air either by dry-processing or by wet-processing which, in some instances, allows for the recirculation of air inside production areas
- **Receive, store** dry matter (ball press, container, compactor)
- **Recycle**: dry matter is then recycled (pulper), incinerated or re-used

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PROCESS WASTE EXTRACTION



EXAMPLE OF APPLICATIONS

Extraction of continuous cardboard, paper, plastic, glass and mineral trimmings, etc.

Filtration of cardboard dust

Capture of plastic trims on a packaging machine

Extraction of packaging waste

Shredding and compacting of cardboard, conveying and separation

Extraction of hygroscopic dust (pulp)

Removal of skeletons from the diecut press

Capture and conveyance of metal packaging waste



Transfer of labeling during gas cylinders reconditioning



Transfer of bread crusts



Transfer of caps

WHAT ARE THE ADVANTAGES FOR THE MANUFACTURER?

- **Increased productivity:** no machine downtime for collecting waste
- **No loss of material:** in most cases, the material recovered is still of use and is therefore re-used in a new production cycle
- **Cleanliness** of floors
- **Product quality** (no dust on the finished product)
- **Increased space** inside the workshop through the removal of waste containers.

- **No further handling** required for the recovery and processing of waste
- **Centralisation** of waste
- **Energy savings** as a result of air recirculation
- Improved **working conditions**
- **Protection** of the environment