



Extraction of production waste

Solutions for extracting production waste: waste paper, cardboard, packaging, trimmings, scraps, metal shavings, etc.

With over 50 years' expertise in industrial waste extraction, NEU-JKF Delta Neu implements tailor-made systems for pneumatic transport of recyclable waste.

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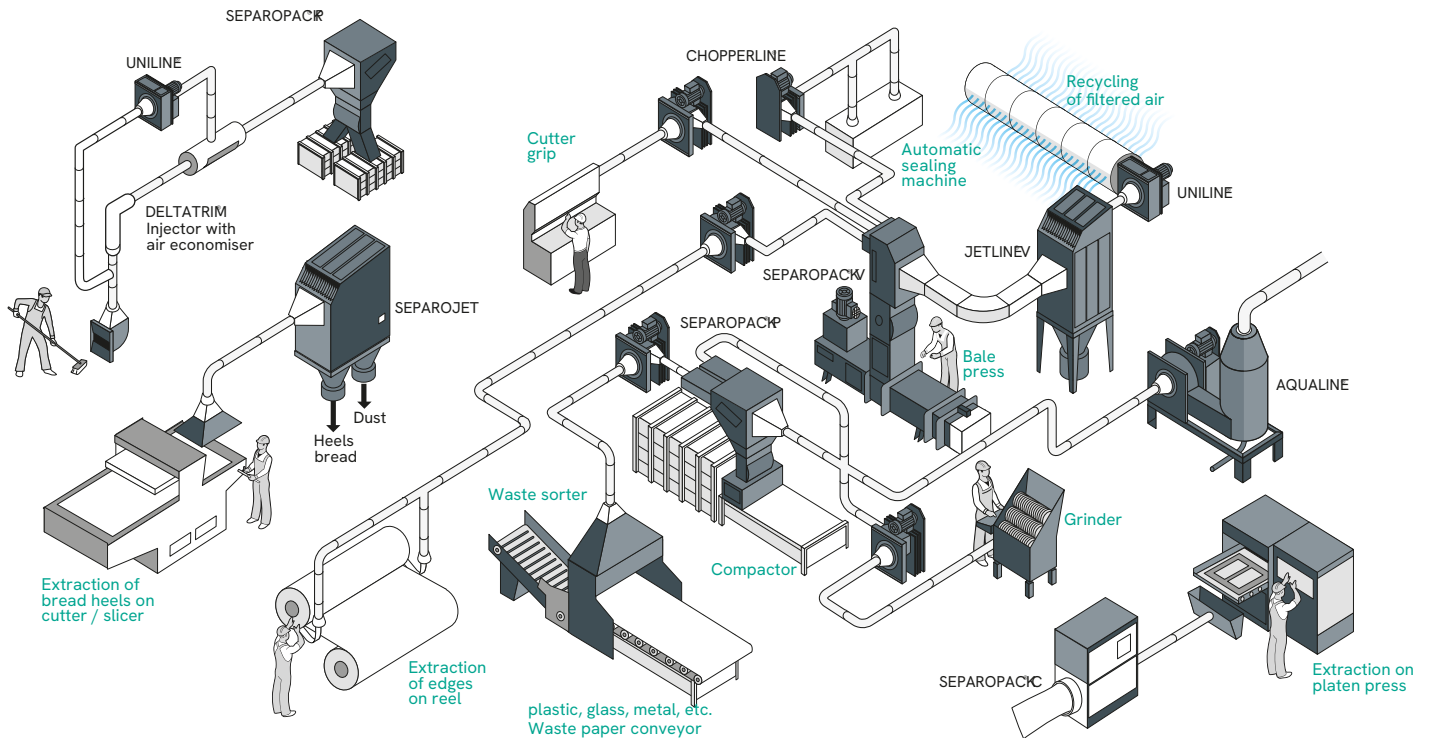
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Find out more

Extraction of production waste

Some processes generate industrial waste on a continuous or discontinuous basis

➤ printing plants, cardboard plants, paper/cardboard manufacturers, plastic converters, canning plants



EXAMPLES OF APPLICATIONS

Extraction of continuous shavings, cardboard, paper, plastic, glass and minerals

Filtration of dust of cardboard

Edge capture on packaging machines

Extraction of packaging waste
Shredding and grinding of cardboard, transfer and separation

Extraction of hygroscopic dusts (paper pulp)

Extraction of skeletons on press

Capture and transfer of metal waste

OPERATING PRINCIPLE

Capture: hoods fitted directly on the machine to extract waste

Shredding, cutting and grinding bulky and heavy waste to make it easier to transport

Transport by adapting the pipes (continuously welded, no material sticking to the pipe)

Separate: air-material separation by gravity (energy savings and reduced footprint compared to a cyclone)

Filter: filtration of dusty air, either dry or wet filtration, which in some cases allows the air to be recycled indoors

Receive, store: dry material is recovered (baler, skip, compactor)

Recycle: dry material may be recycled (pulper), incinerated or recovered

WHAT ARE THE ADVANTAGES FOR A MANUFACTURER?

- Productivity gains:
no machine downtime for waste collection
- No loss of material:
in most cases, the recovered material is reused in a new production cycle, and therefore recycled
- Clean floors
- Product quality (no dust on the finished product)
- Saving space in the workshop by doing away with waste reception bins.
- Elimination of the handling required to recover and handle waste
- Centralising waste
- Energy savings thanks to air recycling
- Better working conditions
- Environmental protection