

diamat.
maschinenbau

Email for general request: diamat@diamat.com
Email for Service and Support: service@diamat.com



circular economy

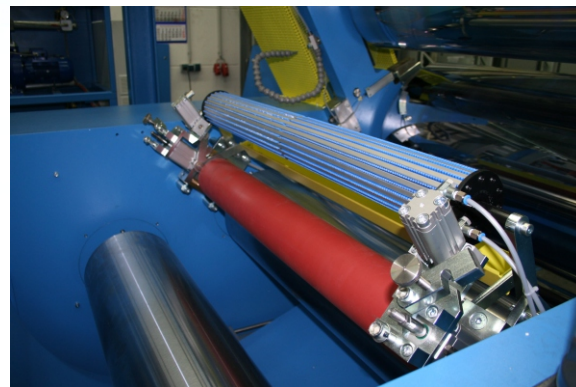
PE-Lamination

Retrofittable at any time



In many sealing applications (MAP, FFS), the film has to be coated with a thin PE layer to be laminated. Of course we can provide proven and secure operational solutions. Our lamination systems stand out due to their **easy handling** and **user-friendliness** combined with **maximum quality of the adhesive bond** at the same time.

Our solutions enable the production of barrier films e.g. EVOH inner coating as well as metallisation of films.



lamination unit
integrated in roll stack

different unwind stations
for PE-foil



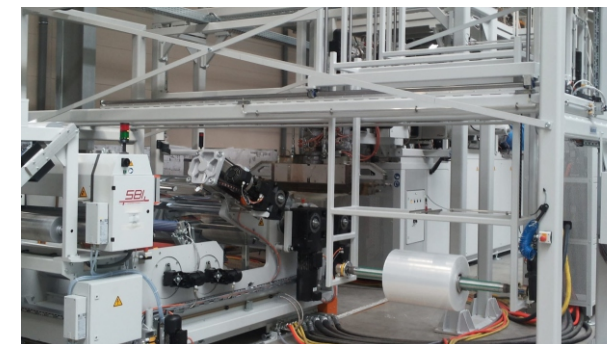
Unwind directly above the calender with side platform



Unrolling from a stage with integrated haul-off



unrolling from a stage



Hangar unrolling, everything can be operated
from the ground



Unrolling from a platform with an integrated
gantry crane

be prepared for the future

PET - PE Separation

Close the loop in recycling

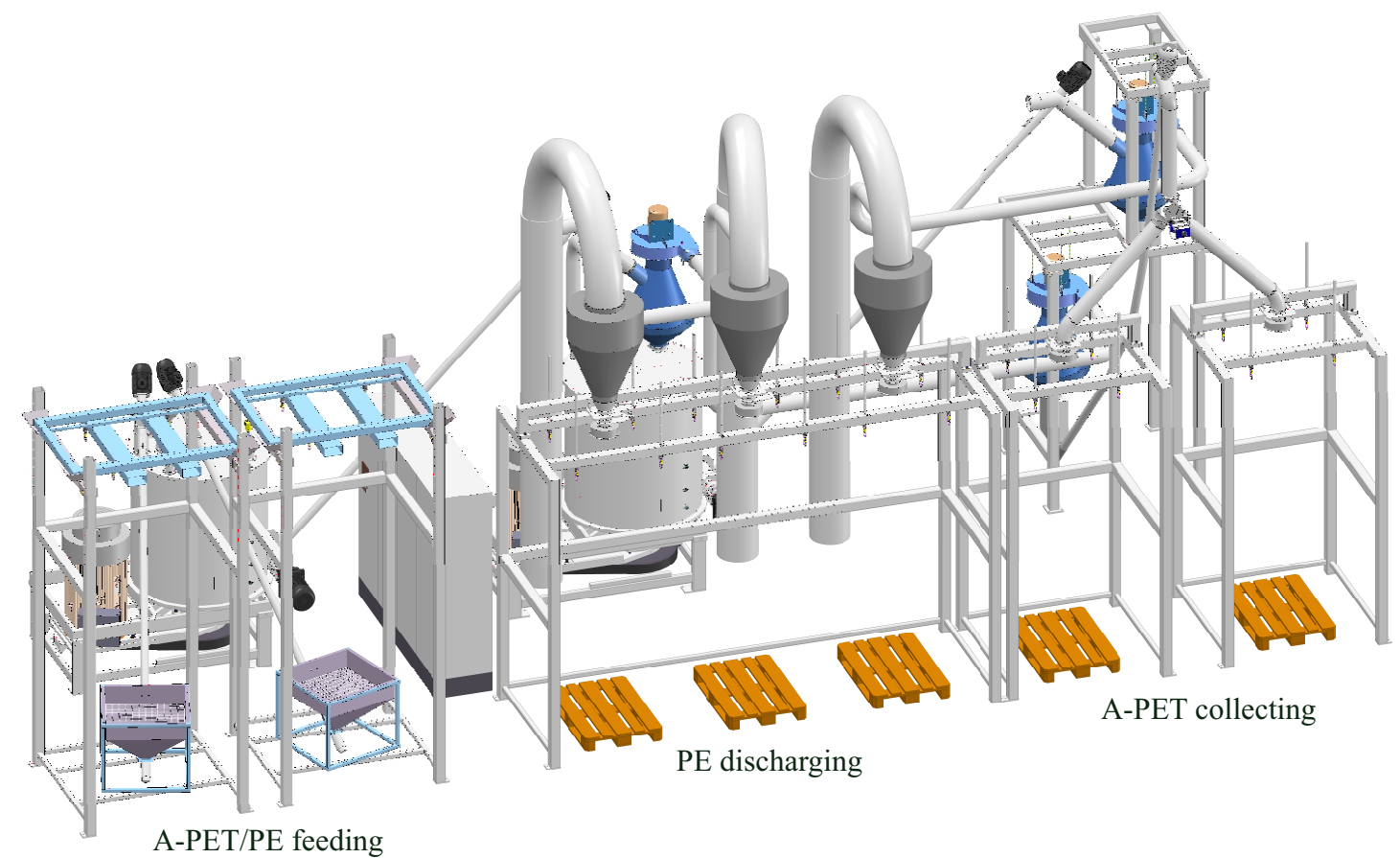
- Recycling of PET - PE skeleton
 - Convert into clear film
 - Separate PE from PET
 - Turn scrap into resource

diamat DE - LAM

PE waste separation = enormous clarity and transparency of the recycled film.



field
proven
for 10 years



Available
as single
or
double stage
version

be prepared for the future

Peeling & Separating

diamat automation system

- Clear and intuitive operation
- Individual presentation of different system parts for a better overview
- Recipe handling for a precise reproduction of the different products
- All installed sensors are shown in the visualization



- All important settings and data at a glance
- Windows based control system for maximum flexibility with remote access and data backup
- Visualization based on latest HTML5 state of the art



PET-PE regrind



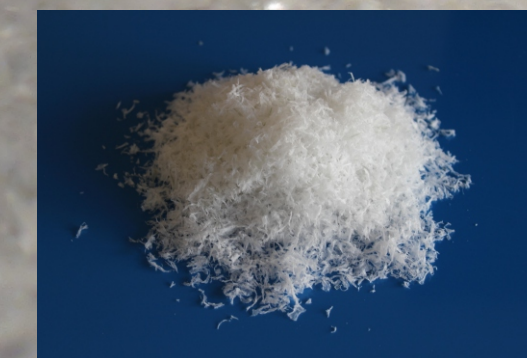
peeling I-step



peeling II-step



cleaned PET



separated PE

The cost of A-PET/PE contaminated flakes as well as handling and storage transform thus in real profit!