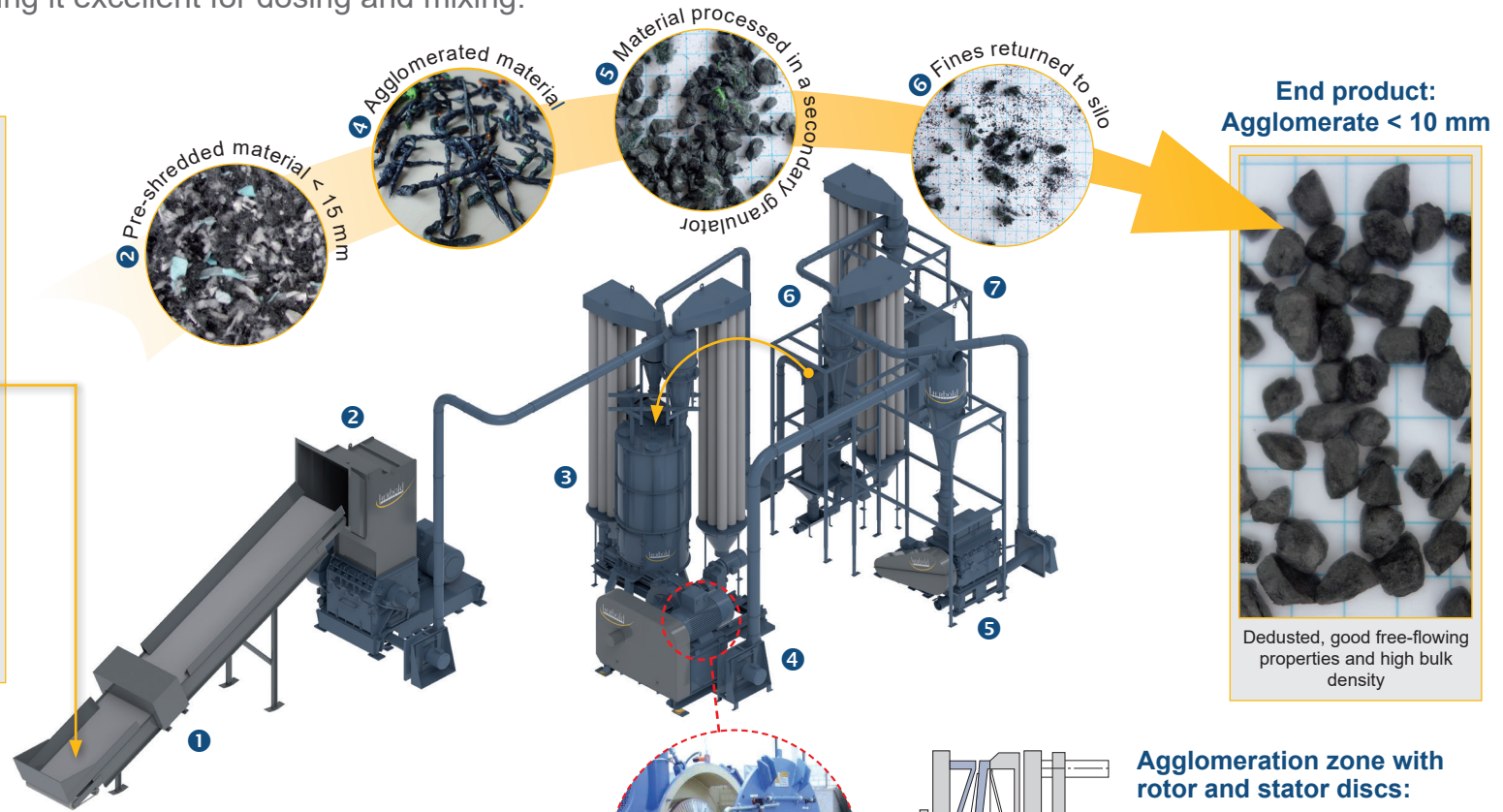
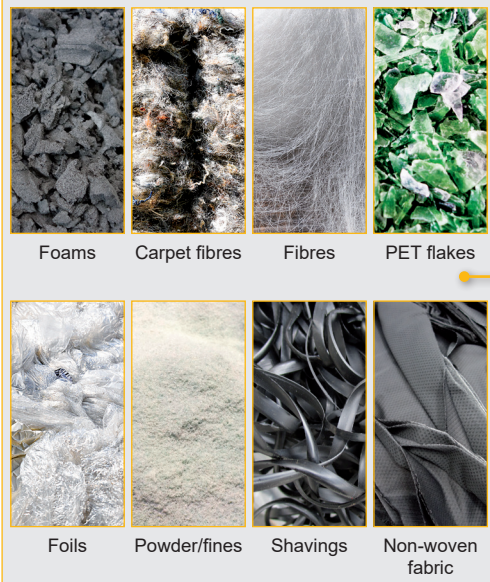


Plastcompactor Type HV – HERBOLD MECKESHEIM

The HV Plastcompactor provides customers with a fully automatic, continuous agglomeration process creating a product with high bulk density which is free flowing making it excellent for dosing and mixing.

Typical feeding materials:

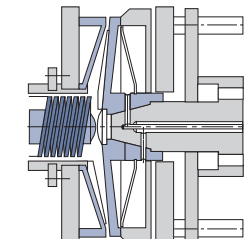
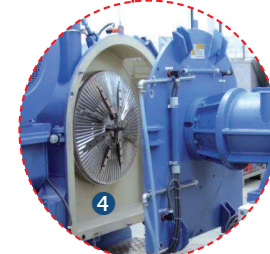


Advantages of the HERBOLD plastcompactors:

- Continuous and fully automatic operation
- Exact dosing mechanisms for the feeding
- Few wear costs due to screwed-on and easily exchangeable kneading bars – annealed tools, as an option
- Little thermal strain on the material (since there is no melting)
- Effective drying capabilities

Advantages of the two-step material feeding:

- Even, controlled and dosed feeding
- Ability to process different materials with varying bulk densities without having to change tools or feeding device.



Agglomeration zone with rotor and stator discs:

The agglomeration process allows for the material to get heated and softened quickly due to the friction between the compactor discs; however, the material will not melt. Next it is centrifuged off and transported to the secondary granulator for further size reduction via a central blower.

- 1 Belt conveyor/metal detection
- 2 Preliminary granulator
- 3 Buffer silo
- 4 Plastcompactor

- 5 Secondary granulator
- 6 Separation and return of fines into the buffer silo / cooling of the agglomerate
- 7 Filling into big-bags