

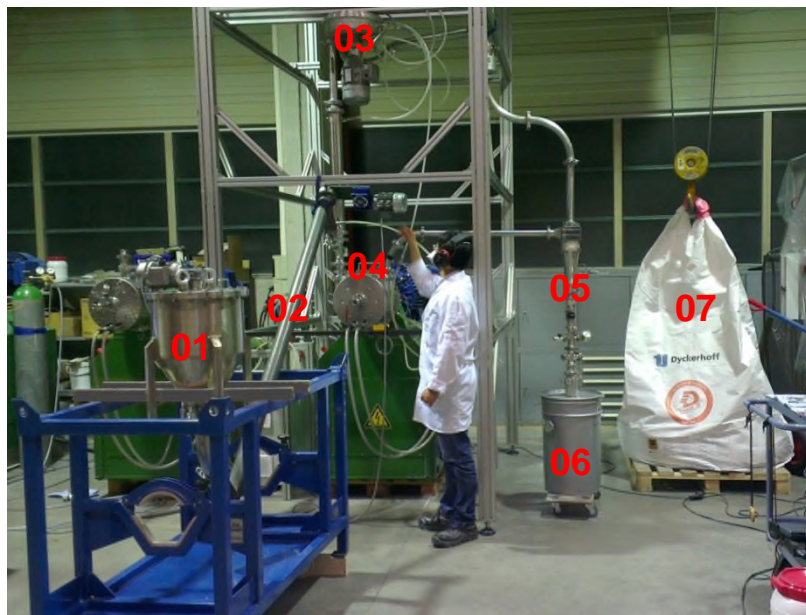
High Kinetic Processing in semi-continuous mode (e.g. Simoloyer® CM20 –SK20)

Application

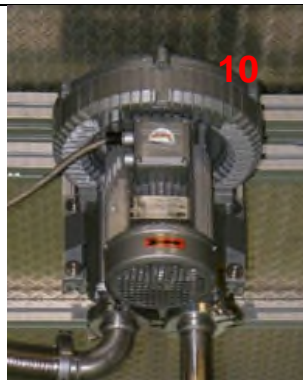
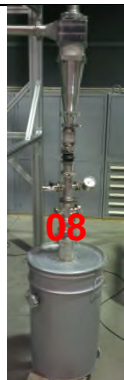
Production-unit for two different automatic but non-competing powder production processes based on high kinetic continuous process with aerodynamic separation and in-situ classification:

- continuously and monitored production of ductile metal flakes;
- rapid particle size reduction of brittle solids (e.g. superfine enamel and cement);
 - closed system, controlled atmosphere;
 - closed carrier gas system;
 - separation/classification over particle shape;
 - separation/classification over particle mass;
 - all drives integrated in MALTOZ®-software/PLC
 - exorbitant increase of kinetic due to in-situ separation of fine fraction
- superfast processing times

- production capacity 100kg/day (annually >30 ton)
- processing cost 86 Euro per ton cement processed



- 01 loading container CF030a
- 02 screw feeder SFV63-20-s1
- 03 turbine SKZ300a
- 04 grinding unit W20-20lm-s1
- 05 cyclone separator ZK100-L
- 06 product container
- 07 raw Material
- 08 cyclone separator ZK100-L and Product container
- 09 enlarged view of loading container
- 10 enlarged view of turbine
- 11 as-processed powder



technical data subject to alteration