

Simoloyer® CM20-s1-HPC

HKP for making High Performance Cement

batch operation, auto-batch, semi-continuous



Application

Simoloyer® type -s1 for semi-continuous processing with aerodynamic separation and in-situ classification, particularly for rapid particle size reduction of brittle solids such as superfine enamel and high performance cement (FuturZement) as well as for rapid manufacturing of ductile metal flakes. Resulting HPC/UHPC provides 140 MPa compressive strength, virtually endless durability & 20% CO₂-savings.

Advance

Closed carrier gas system, controlled atmosphere • in-situ separation/classification over (a) particle shape and (b) particle mass • all drives integrated in Maltoz®-software/PLC • exorbitant kinetic increase due to in-situ extraction of fine fraction • superfast processing times • super-activation.



Dimensions SK20-HPC

SK20-HPC (CM20 > 22kW)	7kW, 400V, 3-phase, 20A
LxWxH, space required 10m ²	1.900x1.000x4.000mm
SK20-HPC weight	400kg (without CM20)

