

# Simoloyer<sup>®</sup> CM20-s1

## HKP for making Nanostructures

batch operation, auto-batch, semi-continuous

### Application

Simoloyer<sup>®</sup> 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. Carrier gas in depression mode can open a window to super large-scale nanostructures manufacturing & application.



### Advance

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

### Dimensions SK20

SK20 only (CM20 > 22kW)	5kW, 400V, 3-phase, 16A
LxWxH, space required 10m <sup>2</sup>	1.900x1.000x4.000mm
SK20 weight (without CM20)	300kg



technical data subject to alterations