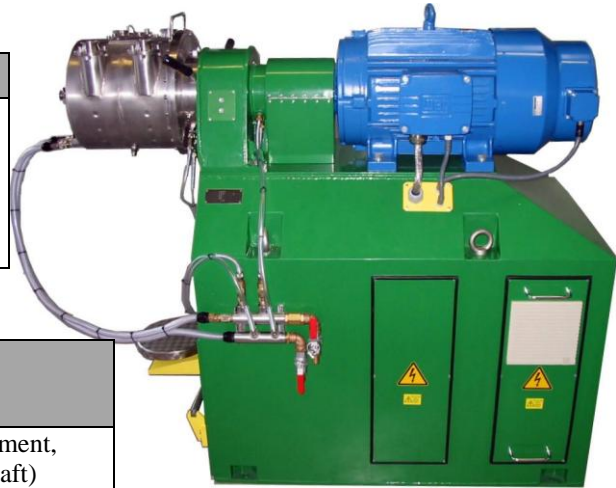


# Simoloyer<sup>®</sup> CM20

**Industrial Simoloyer<sup>®</sup>**  
 (depending on application)

## Application

- **High Energy Milling (HEM)**
- **Mechanical Alloying (MA)**
- **Reactive Milling (RM)**



## Horizontal Rotary Ball Mill - Characteristics

grinding-unit	10, 20ltr., quick drum replacement, water cooling (drum, drive-shaft)
atmosphere	vacuum / inert-gas
working pressure	10 <sup>-4</sup> mbar up to 2bar
working temperature	-20 – 100°C <sup>(*)</sup>
air-lock system	DN40 or DN50
power (main drive)	22kW
rotational speed	up to 750rpm
operation	batch or continuous <sup>(*)</sup>
<sup>(*)</sup> depending on grinding-unit	

## Process Control

### Maltoz<sup>®</sup> Simoloyer Operating Program

cycle operation, controllable process temperature and milling-power (torque), data-files (history), security measures

## Grinding Units

W20-20l-RR (standard)
W20-20lk-RR (biconical)
W20-20l-s1-RR (semi-continuous)
W20-20l-sam-RR (modular, separation of cooling system)
W20-10l-RR
W20-20l-THM (hard-metal coating)
stainless steel, (water-)cooling system

## Equipment

different types of

- drain-gratings
- valve containers

connections for

- inert-gas (DN16)
- vacuum (DN25)
- safety valve
- measurement flange (DN16)

standard small flange connections

## Dimensions

dimensions (LxBxH)	1200 x 800 x 1100mm
weight (base-unit)	600kg (700kg incl. equipment)
weight (grinding-unit)	ca. 100kg (W20-20l-RR)

technical data subject to alterations