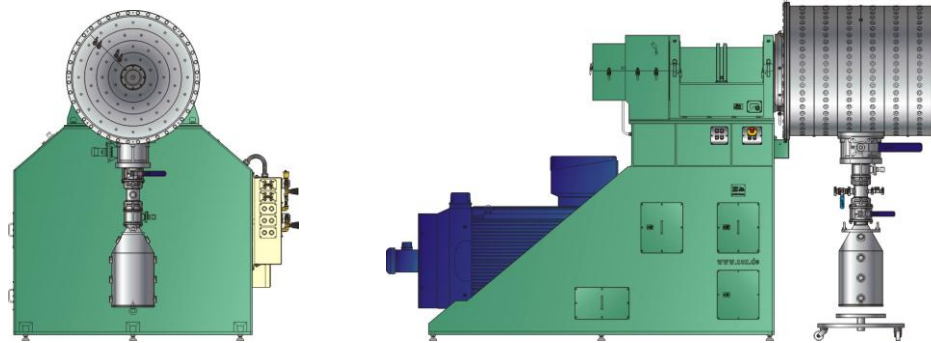


Simoloyer® CM900

Industrial Simoloyer®
(depending on application)



Horizontal Rotary Ball Mill - Characteristics

grinding-unit	900ltr., quick drum replacement, water cooling (drum, drive-shaft)
Atmosphere	vacuum / inert-gas
working pressure	10 ⁻⁴ mbar up to 0,5bar overpressure
working temperature	-20 – 80°C (*)
air-lock system	DN63 or DN100
Power	800kW
rotational speed	up to 325rpm
Operation	batch or continuous(*)
auxiliary drive	automatic locking, adjustable during operation, turning W900

(*) depending on grinding-unit

Requirements

Power-supply:	400V / 690A, 3-phases, 50/60Hz 900kW, IP54
Cooling-Water:	up to 50l/min**, 10-25°C input
Noise:	ca. 92dB
Space required:	25m ²
Pressure:	0,5bar overpressure
Ambient temp.:	>0...<40°C
Installation:	heavy load plugs on foundation

** depends on application (ceramic / metal powder)

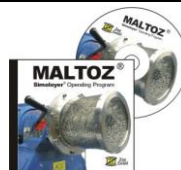
Dimensions

dimensions (LxWxH)	4125x2000x2760mm
weight (base-unit)	11500kg (excl. equipment)
weight (grinding-unit)	ca. 1850kg (W900)

Process Control

Maltoz® Simoloyer Operating Program

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

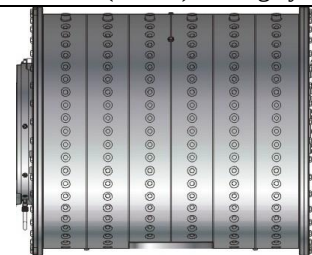


technical data subject to alterations

Grinding Units

W900	standard
W900su	sample port
W900s1	semi-continuous, 4 add. tang. ports
W900s2	2 nd main-port for auto-batch operation

stainless steel, (water-)cooling system



grinding unit W900

Equipment

different types of

- drain-gratings
- valve containers

connections for

- inert-gas (DN25)
- vacuum (DN40)
- safety valve
- measurement flange (DN16)

standard small flange connections



KF-Container



Valve Adapter KF-B