

Simoloyer® CM100

Industrial Simoloyer®

(depending on application)



Horizontal Rotary Ball Mill - characteristics

grinding-unit	100ltr., 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	110kW
rotational speed	up to 500rpm
operation	batch or continuous ^(*)
auxiliary drive	automatic locking, adjustable during operation, turning W100

(*) depending on grinding-unit

Requirements

Power-supply: 400V/690A, 3-ph., 50/60Hz, 110kW, IP54

Cooling-Water: up to 50l/min^(**), 10-25°C input

Noise: ca. 92dB

Space required: 25m²

Pressure: 0,5bar overpressure

Ambient temp.: >0...<40°C

Installation: heavy load plugs on foundation

(**) depending on application (ceramic / metal powder)

Dimensions

dimensions (LxWxH)	2650x1235x1730mm
weight (base-unit)	3000kg (excl. equipment)
weight (grinding-unit)	ca. 500kg (W100)

Process Control

Maltoz® Simoloyer Operating Program

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



Grinding Units

W100	standard
W100su	sample port
W100s1	semi-continuous, 4 add. tang. ports
W100s2	2 nd main-port for auto-batch operation

stainless steel, (water-)cooling system



grinding unit W100

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

technical data subject to alterations