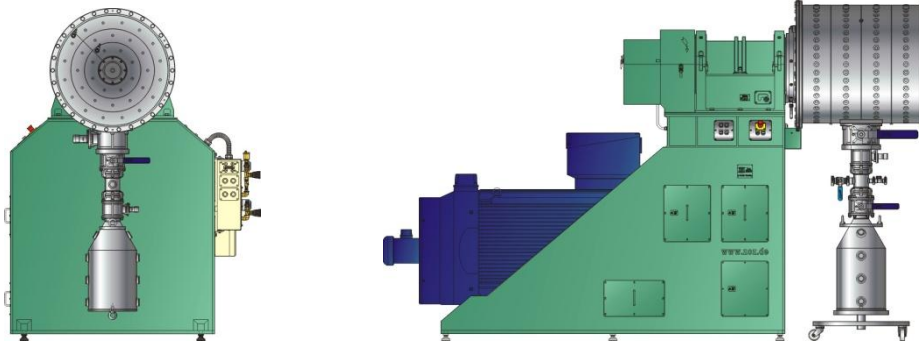


Simoloyer® CM400

Industrial Simoloyer® (depending on application)



Horizontal Rotary Ball Mill - Characteristics

grinding-unit	400ltr., 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	400kW
rotational speed	up to 375rpm
operation	batch or continuous ^(*)
auxiliary drive	automatic locking, adjustable during operation, turning W400

^(*) depending on grinding-unit

Requirements

Power-supply: 400V / 690A, 3-phases, 50/60Hz 400kW, 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

^(**) depends on application (ceramic / metal powder)

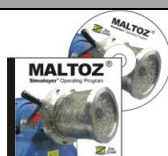
Dimensions

dimensions (LxWxH)	3525x1500x2410mm
weight (base-unit)	6500kg (excl. equipment)
weight (grinding-unit)	ca. 1100kg (W400)

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

W400	standard
W400su	sample port
W400s1	semi-continuous, 4 add. tang. ports
W400s2	2 nd main-port for auto-batch operation

stainless steel, (water-)cooling system



grinding unit W400

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