



SuperFlow+.
**High-performance
bead mill.**

High-performance bead mill SuperFlow+. Powerful true grinding and dispersing.

The SuperFlow+ high-performance bead mill provides powerful true grinding and dispersing with proven technology that delivers high product quality for your most demanding applications.

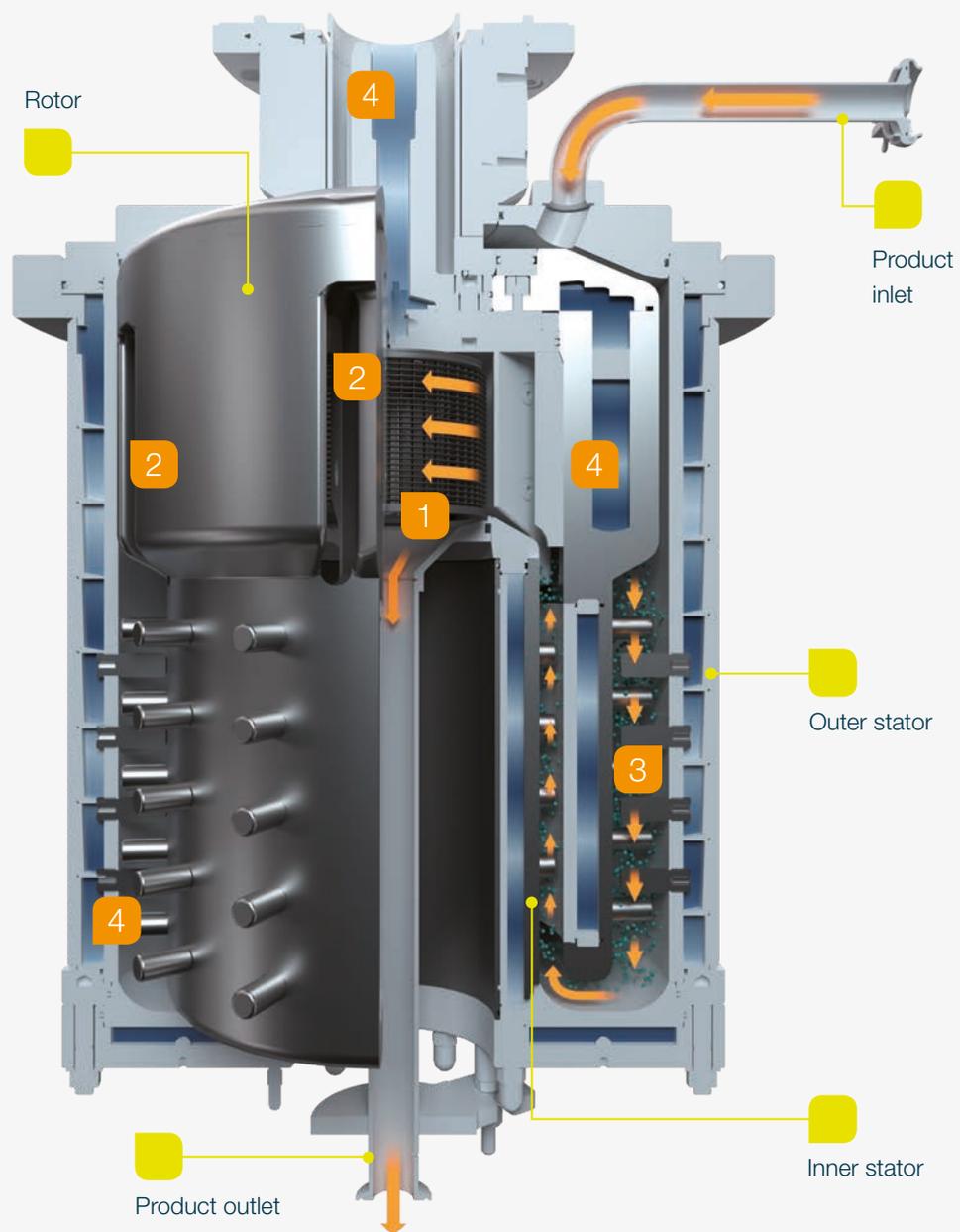


Benefits

- Top product quality from high-energy grinding
- High productivity from a small grinding chamber
- Wide range of applications

The SuperFlow+ principle.

Proven technology for high product quality.



1 Screen – easy removable

2 Slots – real centrifugal bead separation

3 Pin/counter pin – efficient activation of grinding beads

4 Cooling of rotor, outer stator and inner stator

Advanced process technology. **Ideal for a wide range of applications.**

The SuperFlow+ provides you with a wide parameter range across power density, flow rate and bead sizes. Therefore, this technology meets the needs of almost any application in the wet grinding and dispersing industry.



Liquid packaging inks

The high flow capability of the SuperFlow+ achieves a narrow particle size distribution with minimum energy consumption. This brings high color strength, transparency and gloss for liquid packaging inks.



High-performance coatings

Due to its wide parameter range, the SuperFlow+ enables you to meet the specific grinding requirements of many different coatings. Additionally, our automation solutions deliver high process reliability and traceability for a safe production.



Inkjet inks

The use of small beads in the field of inkjet inks requires an optimal bead separation to maintain high recirculation flowrates. All of the components in the SuperFlow+ are finely tuned making handling of the small beads effortless.

Global company, local solutions. **Always close to you.**

Our production landscape and modular equipment design enable us to support your grinding operation, wherever you may be.



Bühler Control Systems.

Flexible solutions – tailored to your needs.

Our industry-proven automation systems can help you to run smoother production processes and meet the demand for enhanced product safety, efficient energy use and easy operation. With decades of experience in automation, we can tailor solutions to help you to deliver better quality.



COMFORT

Convenient solution with manual operation. Your machine is controlled entirely by pushbuttons, with signal lamps and displays indicating the machine status. Depending on the process, the rotor speed can also be selected.



PREMIUM

First-class solution with PLC and touchscreen. This new user interface with PLC programming and touchscreen provides you with easy and intuitive operation of your machine. The job-related analysis and diagnosis of the operating data keeps your operator informed about the machine status at all times.



PREMIUM PLUS

Enhanced solution with extendable functionalities. The Premium Plus control brings you advanced features and can integrate the control of tanks, peripherals and pre-grinding machines in one easy-to-use system.

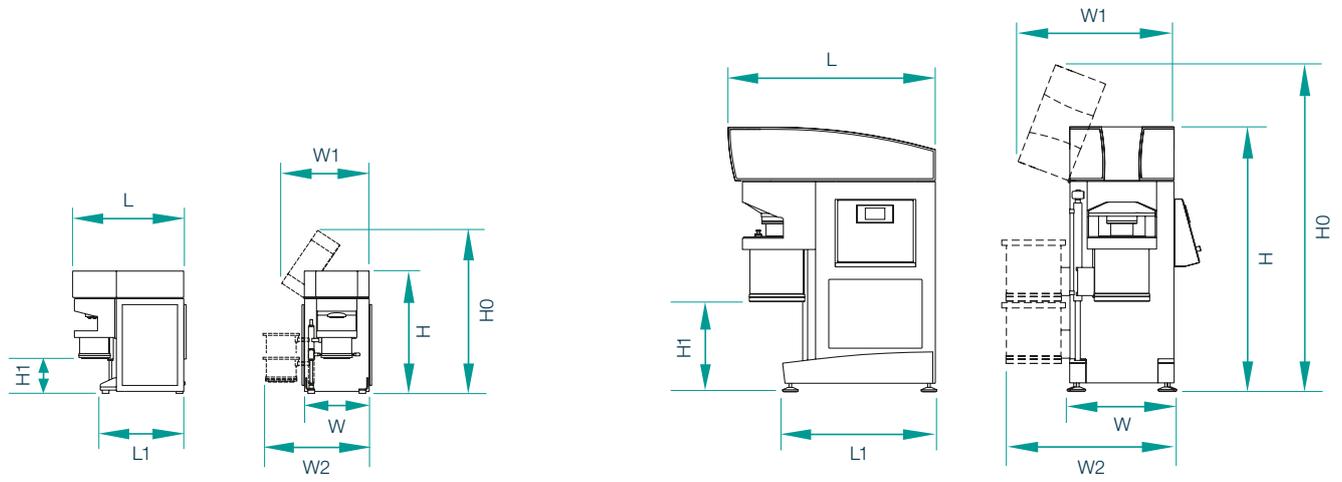


WINCOS®

Comprehensive plant control system for fully automated processes. WinCos® gives you a plant control system that fulfills every demand – module by module, with a tailored flexible solution and individual support.

Technical data.

Bead mill SuperFlow and SuperFlow+.



SuperFlow

SuperFlow+

		SuperFlow 12	SuperFlow+ 85	SuperFlow+ VCR 200	SuperFlow+ VCR 400
Drive [kW]		5.5	22-63	22-63	90-110
Active volume of process chamber [l]		1.2	9,5	15	32
Bead separation	centrifugally with following protective screen	●	●	●	●
Applicable diameter of beads [mm]		0.2-2.0	0.2-2.0	0.2-2.0	0.2-2.0
Flow rate [l/h] up to	depending on viscosity, material and diameter of beads and pump, e.g.	300	1200	2500	5000
Cooling	outer stator bottom of stator inner stator rotor	● ● ●	● ● ●	● ● ● ●	● ● ● ●
Material rotor	DraisResist	●	●	●	●
Material stator	DraisResist	●	●	●	●
Lifting device for grinding vessel	hydraulic hand pump	●	●	●	●
Dimensions [mm]	H	930	2120	2120	2997
	H0	1240	2615	2615	3558
	H1	270	725	725	1108
	L	825	1645	1645	2250
	L1	620	1225	1225	1567
	W	480	870	870	1050
	W1	650	1240	1240	1605
	W2	790	1390	1390	1554
Weight [kg]		150	1640	1850	3900

● = Standard, All data are approximate. Technical alterations reserved.

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