

Dispersing and fine grinding
for production



DISPERMAT® SC
DISPERMAT® RS
TORUSMILL® SK



DISPERMAT® RS

Fine grinding also for temperature sensitive products



Bead mill DISPERMAT® RS for fine grinding for the pass and for circulation process. Option: explosion proofness according to ATEX

The DISPERMAT® RS is a horizontal operating bead mill. The compact, functional design ensures a very easy and safe handling and rapid assembly and disassembly of grinding container and agitator. The bead mill RS can be operated in the pass as well as in the circulation process and guarantees for outstanding grinding results.

Since the heat generated during the milling process is dissipated through a highly efficient cooling circuit in the agitator, heat-sensitive products can also be very easily finely ground.

Quality made by VMA-GETZMANN

- stirring shaft with double bearing
- dynamic gap bead separation system
- complete safety device
- pressure control by manometer with electrical contact
- slewable container cover
- mechanical seal system with integrated cooled thermo-siphon container for lubrication liquid and safety pressure valve



The bead mill RS can be fitted with different controls. For example:

Picture: explosion proof control M-EX.

Picture: C-technology for control and data acquisition with data interface for documentation and analysis.

DISPERMAT®	product quantity litre/hour	milling chamber volume litre	speed rpm	power kW
RS5	25 - 250	5	0 - 2600	15
RS10	50 - 450	10	0 - 2100	37
RS20	100 - 600	20	0 - 1900	45

TORUSMILL® SK / DISPERMAT® SC



New dissolver and basket mill in functional design.
Optional free-standing or wall mounted.

Innovative basket mill and dissolver for any container from 50 to 500 l

The TORUSMILL® SK115 and SK122 are new dispersing machines, with which excellent grinding results can be achieved in very short time. The TORUSMILL® SK is available in two versions with 15 kW or 22 kW drive power for processing low and medium viscous products. The TORUSMILL® clamping device is suitable for container volumes up to 500 l.

The rapid circulation of the mill base through the grinding basket is achieved through an integrated, patented pump wheel. This provides a high number of passages, and a narrow particle size. The dissolver disc mounted below the milling basket ensures a milling of the mill base within the milling container without clearance volume.

The machines are characterized by a space-saving and more robust stand. The integrated electrical height adjustment with high-quality linear guidance enables for an easy and safe lifting and lowering of the grinding gear.

The stand is available as a free-standing version or as a particularly space-saving floor-wall unit. The basket mills SK are also available as wall-lifting dissolvers.

Quality and innovative engineering

- Double walled milling basket, suitable for cooling and heating systems. The heat generated during the milling process, dissipated effectively by the spirally guided cooling liquid.
- Excellent circulation of the mill base by the patented pump wheel and dissolver disc.
- Easy scale-up from the laboratory instrument TML to the production machine TORUSMILL® SK
- Standard usage of customers existing vessels, also with different volumes.
- Infinitely variable speed adjustment by modern frequency converters

Optional designs:

- Milling system (milling chamber and rotor) made of Ceramic
- Vacuum design
- Ex version according to ATEX
- SPS-control



DISPERMAT® TORUSMILL®	power kW	product quantity litre	container volume litre	milling chamber volume litre
SK115	15	35 - 350	50 - 500	4.3
SK122	22	35 - 350	50 - 500	4.3
SC115	15	35 - 350	50 - 500	–
SC122	22	35 - 350	50 - 500	–

DISPERMAT® and TORUSMILL®



Our experience – your advantage:

Please visit us in our excellently equipped laboratory and pilot plant for a personal product demonstration with your own products. Our skilled engineers will be pleased to show you the impressive range of services of our patented dispersing and grinding systems DISPERMAT® and TORUSMILL®.

Alternatively we would be pleased to receive a sample of your product for dispersing or fine grinding.

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