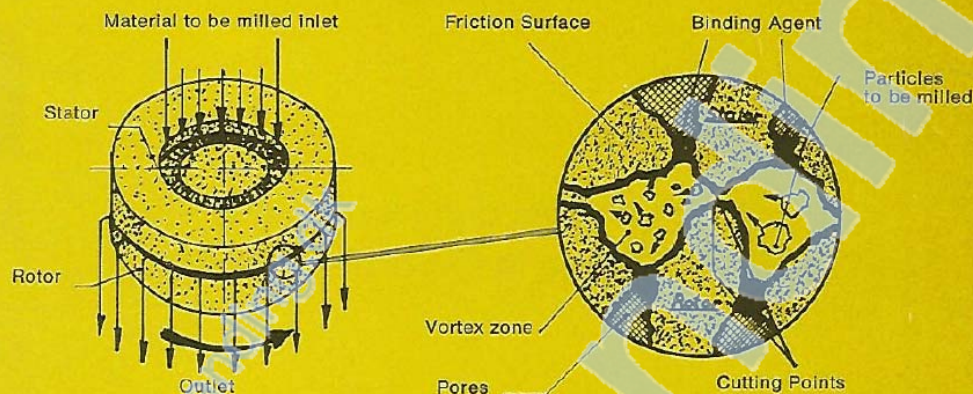


Multi-Purpose Mills

For working up all liquid to pasty products
For Application in the Food and Delicatessen Industries
The Chemical, Pharmaceutical and Cosmetic Industries
The Paint and Varnish Industries
The Wallpaper and Textile Printing Industries, etc.

Reduce costs with the ideal fine grinding mill incorporating simultaneous mixing, breaking down, emulsifying, dispersing and homogenising



Corundum mill stones Corundum mill stones at high magnification, the surface of the Corundum stones is similar to a mountain landscape. When the stones work against each other, the peaks of the mountains meet and create the cutting points where the material is crushed. In the same way, the valleys which we call Vortex zones, in which the material is further processed.

Method of Operation: Two horizontal Corundum mill stones of special composition and hardness arranged one above the other and working in the horizontal plane, form the heart of the mill. The lower rotating stone (Rotor) revolves at 3 000 r. p. m. rubbing against the upper fixed stone (Stator). The feed-material flows between the two stones. Suitable feed equipment and the centrifugal force of the mill stones feed the material from the hopper or feed-pipe through the opening in the middle of the stator to the centre and from there to the periphery of the stones. The material is crushed and ground as it passes between the cutting points of the granular mill stones. It is also further reduced in the Vortex zones by cavitation forces and is finally mixed or homogenised, dispersed and emulsified. For special applications our mills can be equipped with toothed steel grinding disks.

Construction: All models are manufactured in grey cast iron or rust and acid resisting high grade steel (V2A) and are fitted with cooling or heating jackets. The machines are provided with totally closed motors IP 44. The material is fed through hopper, pump or pipe connections. Special type S machines can be supplied with feeding or proportioning screws. The drive to this feeder is taken from a gear box or geared variable speed motor. The milling gap is adjustable by means of a hand wheel, with the machine stationary or in operation, and the clearance between the mill stones can be read off on the scale provided. Flameproof motors can also be supplied.



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Kolloidmølle Ø 95 mm.

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All measures in mm.

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