



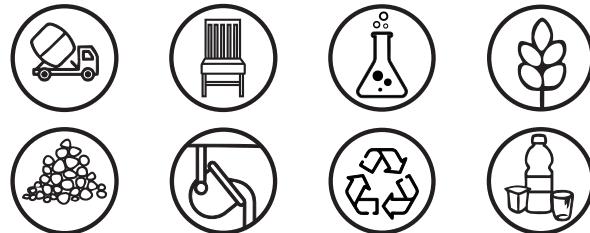
OVERPRESSURE PULVERISOR / BKOP

GRINDING

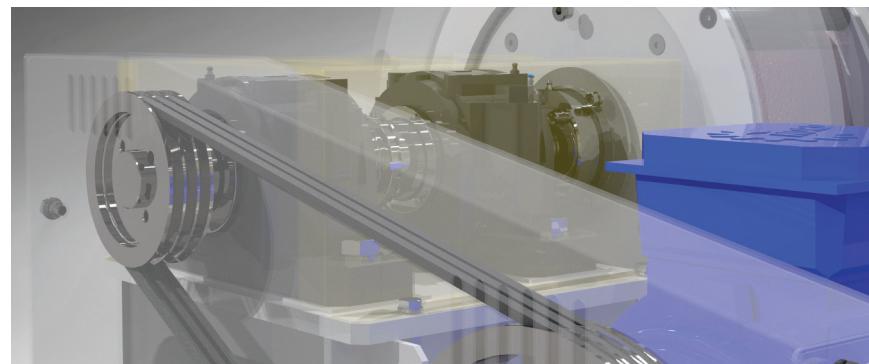


The range of shredding devices produced by Biko-Serwis is intended for both preliminary and final shredding of almost any type of material. Particle size reduction of solid or bulk materials is required when the particles are too coarse or the material is too heterogeneous for subsequent industrial processes or laboratory analyses.

Some industries that rely on mills include: construction, agriculture, industrial production (for example sorbents), energy generation, pharmaceutical product development, landscape architecture, research laboratories, recycling etc. Biko-Serwis pressure mills enable the grinding of materials that are difficult to grind and are temperature-sensitive.



Examples of soft and medium-hard, brittle and fibrous materials processed using high-speed mills include: granules, crushed cereal grains, creatine powder for medical purposes, pharmaceutical grinding, pulp production for paper production, grain grinding for food production, milling of food articles, breaking down building materials into finer fractions, grinding samples of metallurgical materials, grinding samples of rocks and raw materials, and a number of other industrial applications.



The design of the device and a wide selection of tools, accessories and fittings guarantee not only contamination-free grinding of materials, cleaning of all grinding elements, simple installation of the device in the technological line, efficient cooling of the grinding chamber thanks to an exceptionally high air flow, high stability of the operating speed even when the mill is fully loaded, advanced seals between the grinding chamber and the drive, possibility of dedusting the process, possibility of cooperation of the device with cyclone separators.



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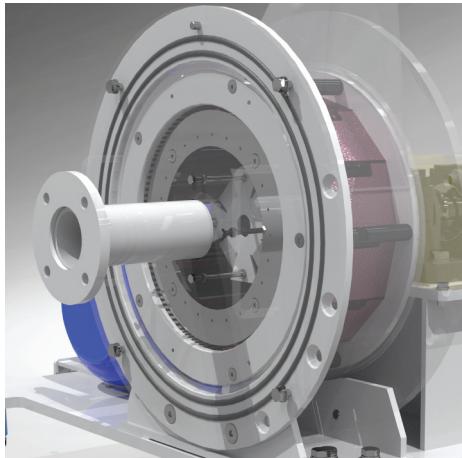


OVERPRESSURE PULVERISOR / BKOP

GRINDING



The drive speed can be changed from 800 to 3000 rpm. In 90 rpm steps, which allows you to adjust the grinder speed to suit each specific application. The automatic speed compensation function ensures perfect grinding adaptation to the specific grinding behavior of the sample.



Pressure mills manufactured by Biko-Serwis ensure fast and effective grinding with minimal heat load and much higher throughput. The devices are ideal for ultra-fine grinding of temperature sensitive materials, for smooth pre-crushing and grinding of hard, brittle, soft and greasy materials or samples with residual moisture.

PRODUCTION MATERIALS:



CARBON
STEEL



HARDOX
STEEL



STAINLESS
STEEL

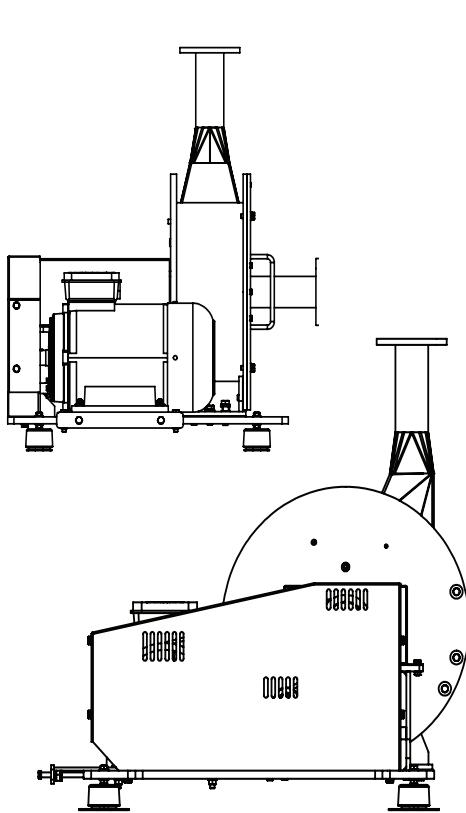


ACID-RESISTANT
STEEL

FINISHING OPTIONS:



SPRAY PAINTING /
POWDER COATING



MODEL:	INDICATIVE EFFICIENCY:	ROTOR DIAMETER:	DRIVE POWER:
BKOP 300	1.0 - 5.0 m ³ /h	300 - 350 mm	15,0 - 22,0 kW
BKOP 400	3.0 - 25.0 m ³ /h	400 - 450 mm	18,5 - 30,0 kW
BKOP 600	15.0 - 30.0 m ³ /h	600 - 650 mm	22,0 - 45,0 kW