



INTENSIVE MIXERS / BKRM

MIXING



Intensive mixing differs significantly from standard mixing methods in the industry. Devices for intensive mixing must have a much more durable structure and increased power. They are characterized by very high efficiency and short mixing time, in which a homogeneous mixture of excellent quality is obtained.

BKRM intensive mixers manufactured by Biko-Serwis are used for mixing powders and loose products. By adding a binding substance, the so-called binder, you can obtain granules with given physico-chemical parameters.

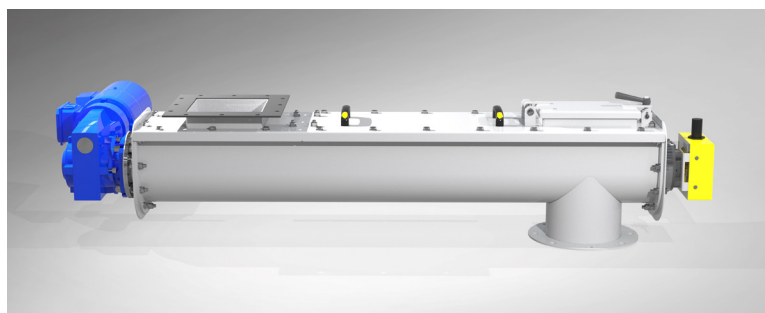
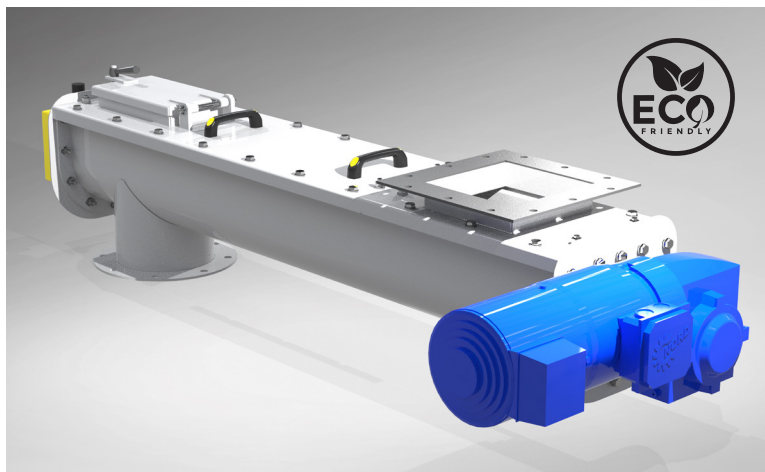
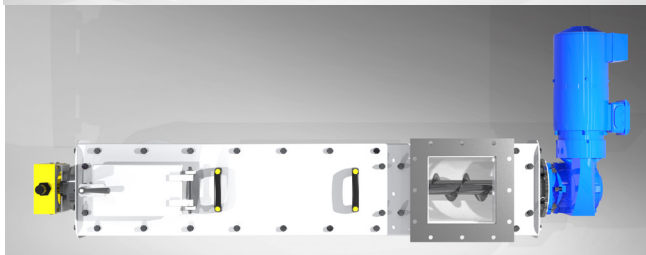
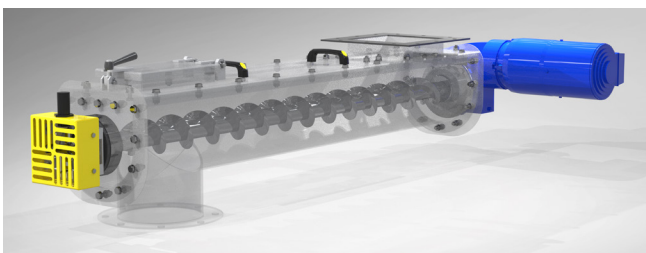
SUCH DEVICES ARE USED AS:

- food mixers, for example when mixing flour with additives, salt, spices, food flavoring substances
- mixers in the chemical industry for mixing industrial dyes and pigments
- mixers in the pharmaceutical industry for mixing drugs, biological media, etc.

BIKO-SERWIS



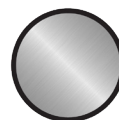
We offer BKRM intensive mixers in various sizes and capacities, made of various production materials, with parameters selected according to the needs of our customers, always adapting the mixer to the existing technological line in your production plant. Depending on the requirements of the mixing production process, the intensive mixer tank can be equipped with a heating or cooling jacket.



PRODUCTION MATERIALS:



CARBON
STEEL



STAINLESS
STEEL



ACID-RESISTANT
STEEL

FINISHING OPTIONS:



SPRAY
PAINTING



EXTRA
SEALINGS



VIEWERS /
VIEWFINDERS



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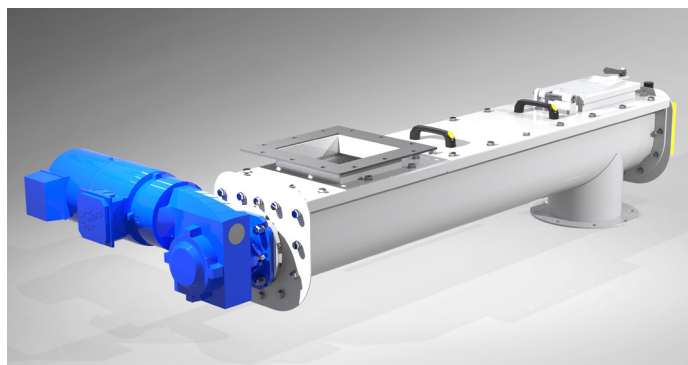
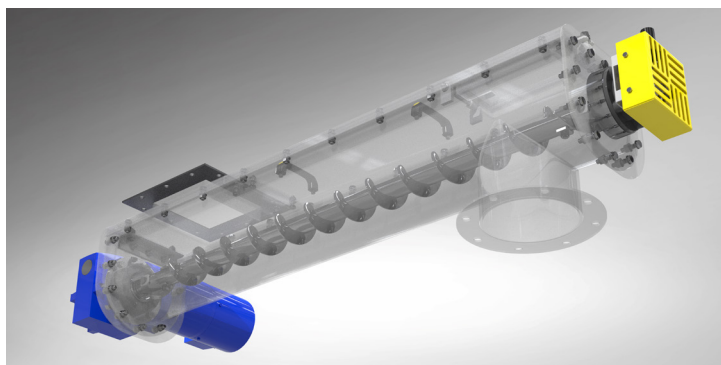
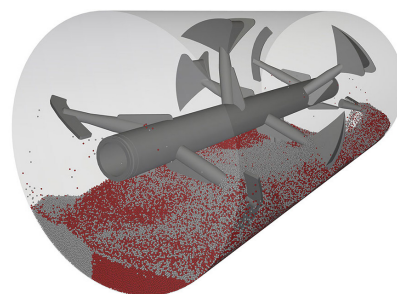
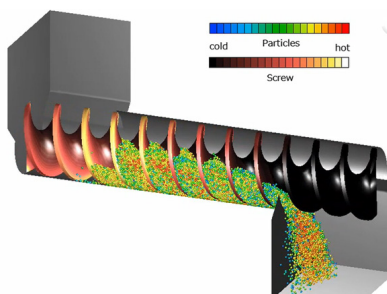
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The mixing process takes place at an increased speed, where part of the energy is converted into heat as a result of friction. The optimal shape of the mixers is individually selected using digital DEM simulations, thanks to which the intensive mixers produced by BIKO SERWIS cause perfect circulation of the mixed product.

BIKO-SERWIS



RECOMENDED TEMPERATURES:

DEVICE OPERATING:

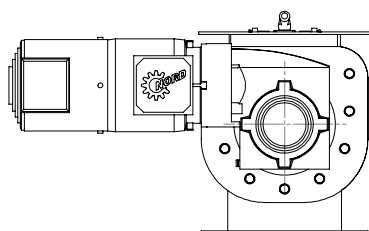
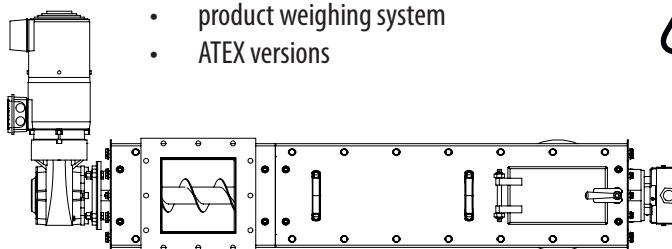
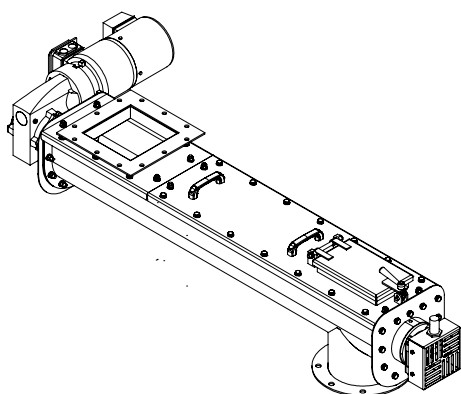
-10 °C to +50 °C

MIXED MEDIUM:

< 80 °C

ADDITIONAL OPTIONS:

- system for dosing additional ingredients during work
- polishing inside the tank
- tank with a cooling or heating jacket
- AISI 304 or AISI 316 stainless steel structure,
- smooth adjustment of working time and speed
- advanced CNC/PLC control
- replaceable tanks
- product weighing system
- ATEX versions



MODEL:	RIBBON/S DIAMETER:	INDICATIVE EFFICIENCY:	DRIVE POWER:
BKRM 160	160 mm	10 m ³ /h	2 x 3 kW
BKRM 200	200 mm	25 m ³ /h	2 x 9 kW
BKRM 300	300 mm	60 m ³ /h	2 x 15 kW
BKRM 500	500 mm	100 m ³ /h	2 x 22 kW
BKRM 600	600 mm	max 150 m ³ /h	2 x 30 kW



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