



TANK GRANULATOR / BKTG

GRANULATION



BKTG granulators are batch devices for obtaining round agglomerates of loose and fine-piece materials, with a diameter of 1-10 mm, the devices are characterized by ease of use, high profitability and efficiency.



Biko-Serwis granulation technology solutions always guarantee very high efficiency of the granulation process. The ease of use and cleanliness of the BKTG series devices were key factors influencing its design.

Thanks to the use of high-speed shearing, the obtained particles have high density and mechanical strength, and the need for liquid additives is reduced.

PRODUCTION MATERIALS:



CARBON
STEEL



STAINLESS
STEEL



ACID-RESISTANT
STEEL



BIKO-SERWIS

FINISHING OPTIONS:



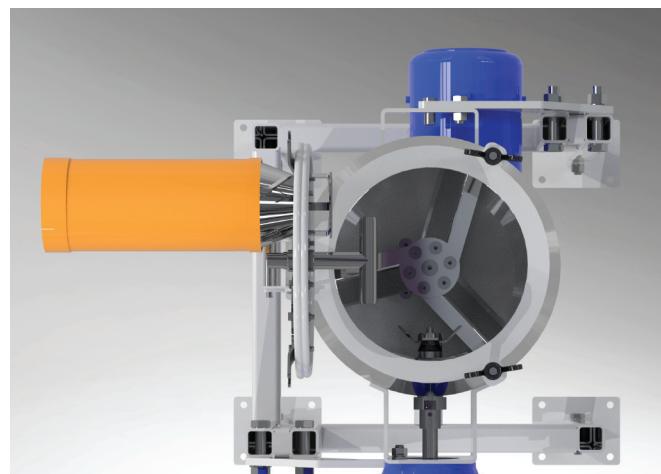
RESISTANT
SURFACE
APPLICATION



EXTRA
SEALING



SPRAY PAINTING:
EPOXY PRIMER + PAINT
(C3-C5, RAL COLORS)



RECOMMENDED WORKING CONDITIONS:



OPERATING
TEMPERATURE
<60 °C



WORKING
PRESSURE
< 0,5 BAR



MEDIUM
TEMPERATURE
<60 °C

The arrangement of the main rotor and grinding knives in the lower plate of the machine ensures that the product will not accumulate too much in the corners of the tank and will be completely granulated.

NOTE: efficiency, granule size and binder content depend on the characteristics of the material and recipe. Their determination requires laboratory tests at the manufacturer's place.



BIKO-SERWIS
www.bikoserwis.pl

Biko-Serwis Sp. z o.o. Sp. K.
ul. Zakładowa 13
26-052 Nowiny k. Kielc

www.bikoserwis.pl
e-mail: biuro@bikoserwis.pl
phone: +48 (0-41) 315 30 20

NIP: 656-100-23-24
REGON: 290497085
KRS: 0000388890



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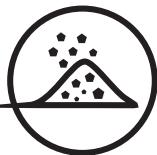
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CHEMICAL
& PETROCHEMICAL
INDUSTRY



LIMESTONE
& GYPSUM
INDUSTRY



PLASTICS
& PACKAGING
INDUSTRY



AGGREGATE
& MINING
INDUSTRY



FOOD &
AGRICULTURE
INDUSTRY



MAIN ADVANTAGES OF THE BKTG GRANULATOR:

- controlled unloading with product calibration option
- optimized and individually selected dimensions of the tank and main rotor to increase the efficiency of the process
- measurement of important parameters during the granulation process
- small size and own weight allow it to be used mainly in laboratory conditions
- BKTG series devices are easy to use and clean



MODEL:	DRUM DIAMETER:	SPEED OF ROTATION:	INDICATIVE EFFICIENCY:	DRIVE POWER:	OPTIONS:
BKTG 1500	150 mm	100 rpm	0,2 - 0,5 m ³ /h	0,37 + 0,37 kW	
BKTG 2000	200 mm	110 rpm	0,4 - 0,7 m ³ /h	0,5 + 0,5 kW	
BKTG 3000	300 mm	110 rpm	0,7 - 1,0 m ³ /h	0,75 + 0,75 kW	<ul style="list-style-type: none">adjustable heightmaterial scrapersbinder nozzles

Note: the efficiency, granule size and the amount of binder added in the process depend on the characteristics of the material and the granulate production recipe; determining the above parameters requires laboratory tests at the premises of the granulation equipment manufacturer.