

NIBBLER & DEAGGLOMERATOR GNB 530

For fine / coarse grinding and deagglomeration of lumps

The Gericke Nibbler GNB represents a new generation of size reduction devices with innovative features, including metal-to-metal contact monitoring.

The easy to clean and easy to inspect design makes the GNB also a perfect fit for many hygienic and other demanding environments.



Your advantages with the GNB Nibbler:

- Consistent particle size and higher throughput with lower heat generation than traditional grinding solutions
- Very short downtime with easy to clean design features, giving full access from both sides with an optional extractable drive
- Features allowing quick inspection and changing of the main screen
- Minimum product temperature rise and fines generation due to low rotational speed and by use of a cutting action rather than creating excess heat by grinding
- Easy adjustment of paddle / cutting screen clearance for maximum process flexibility
- Metal-to-metal contact detection for maximum process safety (standard with ATEX version)
- EHEDG design conformity, wash-out and wash-in-place seals
- ATEX versions for gas and dust environments (also combined)
- Highly efficient low power consumption and low noise emission levels
- Inlet size of 530 x 300 mm for high throughputs of up to 14'400 l/h
- Screen sizes from 2 to 25 mm

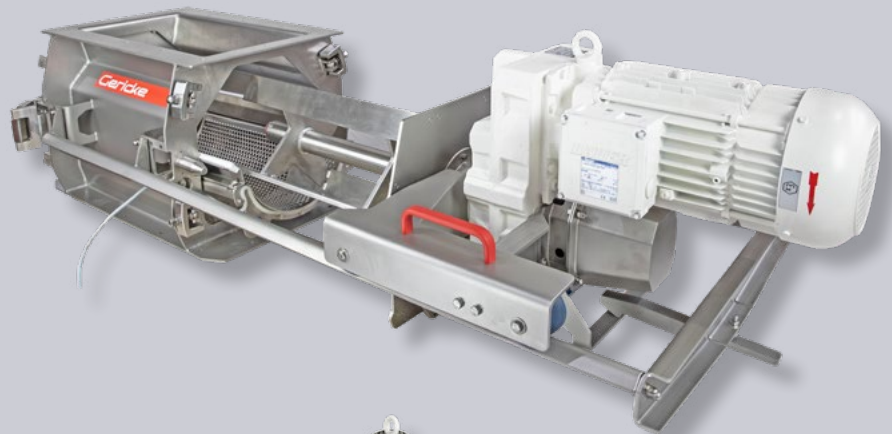
Key applications:

- Deagglomeration after drying or mixing
- Deagglomeration after storage
- Deagglomeration reception from big bag unloading stations, sack tipping stations, drum unloading stations
- Material conditioning prior to secondary processing, including milling, grinding and feeding
- Material conditioning prior to pneumatic or mechanical conveying
- Reprocess, recover or rework out-of-spec. or oversized materials

GNB Nibbler, standard version
(available with hygienic finish inside Ra < 0.8 µm)



GNB Nibbler, extractable version for maximum accessibility (available with hygienic finish inside Ra < 0.8 µm)



GNB basket — A modular design for easy check and replacement of all interchangeable parts!



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