



Powder processing equipment and systems since 1894

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### Press release

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## Gericke Cone Mill GCN 150

The size reduction and milling of particles adds value to your products. Either you are looking for the dissolution of agglomerates and lumps or you need to reduce the average particle size in a desired spectrum.

For many years, Gericke supplies the delumper called Nibbler. It is equipped with screens from 1,5 to 25 mm opening size.

In order to grind materials down from 1500 micron to 50 micron Gericke offers the GCN (Gericke Cone Nibbler).

The Cone Mill contains a conical sieve and fast rotating batter blades.

It has been designed to accommodate easy and rapid disassembly of the major components to minimise the time required for full machine clean down and validation.

Cone Mills are frequently used in the Food and Chemical Industry for the size reduction of materials ranging from wet pastes to dry, friable powders giving a narrow particle size distribution.

### Typical application details

Cone Mill applications belong to one of the following categories:

- Size Reduction
- Dry Granulation and Control Grinding
- Wet Granulation
- Dispersion
- De-agglomeration
- Reclaim and Special Applications

The throughput rates from 1 to 1000 kg/hr, depending on the product characteristics and the selected screen type.

**The GCN combines different advantages:**

- Accepts a wide range of infeed sizes
- Can handle soft and heat sensitive materials
- Minimise production of undersize material
- Minimal or no dust filtration requirements
- Low noise levels
- Low energy milling



Photograph: Gericke Cone Mill GCN 150 (Archive Gericke)

File: GCN 150 Cone Mill 1.jpg

Trials in our test center reduce the time for equipment evaluation and give answer on the correct dimensioning and expected capacity of the Gericke Cone Mill. GCN and Nibbler are machines from the Gericke product family “size reduction equipment”. You can combine this components perfectly with other Gericke powder handling equipment and systems.