

# Kemutec Develops Lump Breaker for the Pharmaceutical Industry

**The Kemutec Kek 'M' Series Kibbler Pre-breakers are used successfully on many applications in the Pharmaceutical Food & Chemical Industries.**

Combining its slow-speed & high-torque drive with the robust design & construction, the Kek Kibbler has proven to be an ideal lump breaker and crusher for a variety of dry and paste-like materials. With a range of interchangeable

**[www.KemutecUSA.com](http://www.KemutecUSA.com)**  
**215-788-8013**



**Kemutec Kibbler showing Hinged End Door and Screen partially removed**

screen sizes and types, the Kek Kibbler will reduce solid lumps from over 12" diameter down to less than 1/4".

#### Typical applications are:

- Grinding for reclaim of Cookies, Candies & Chocolate
- De-agglomerating of lumpy powders after discharge from Silos and other bulk storage
- Crushing of hard and abrasive lumps
- Pre-breaking of large lumps prior to fine grinding in a second mill

When asked by a leading world Pharmaceutical Company for a Lump Breaker to meet the exacting standards of their GMP and CIP procedures, Kemutec set about developing the design of the standard Kibbler to satisfy this requirement.

This resulted in a special design which took hygiene, cleanability and maintenance aspects to a new level, featuring:

- Cantilever Shaft design with no non-drive end bearing or seal
- Hinged & interlocked non-drive end door
- Hinged & interlocked side access body doors
- Smooth internal surfaces with large radius corners
- Heavy duty 'double bearing' arrangement at the drive end
- Easy- clean double labyrinth drive end seal, with full air-purge facility
- Integral Spray Nozzles for 'Clean-in-Place' facility

#### The new design delivers real benefits to the user, including:

- Screen removal in 20 seconds
- Screen changes in less than 60 seconds
- No product contamination in non-existent non-drive end seals
- In place cleaning of all product contact surfaces after screen removal
- Controlled size reduction of lumpy powders
- Capable of handling 'Flood-feed' conditions



Internal view of Kemutec Kibbler, with Cantilever Shaft

Kemutec has gone on to sell many more of the 'Cantilever Shaft Kibblers' to other Pharmaceutical customers around the world.

For information on how you can test the Kemutec Kibbler Kemutec at 215-788-8013 or visit our website at [www.KemutecUSA.com](http://www.KemutecUSA.com)



130 Wharton Road • Bristol, PA 19007  
Telephone: 215 788-8013  
Fax: 215 788-5113  
Email: [Sales@KemutecUSA.com](mailto:Sales@KemutecUSA.com)  
Web: [www.KemutecUSA.com](http://www.KemutecUSA.com)

Kemutec supplies Kek brand Sifters and Mills, PPS Air Classifier Mills, Gardner Mixers and Blenders and Mucon Valves and Discharge Aids.