

KEK Cone Mills

Intermediate Mills and Granulators



- » Versatile applications
- » Hygienic and easy to clean
- » Gentle grinding for heat sensitive products and minimal fines generation



For reliable and hygienic size reduction, Kemutec's KEK Cone Mill includes the widest range available, from lab through to bulk production. KEK Cone Mills are a popular choice across the food, chemical and pharmaceutical industries due to their ability to mill and gently grind a wide variety of materials, from 4mm to <250 micron, at either low or high speed.

FEATURES:

- » Robust design
- » Food grade contact parts
- » Food grade metal detectable seals and gaskets
- » Operator friendly design – no specialist tools required for access or cleaning
- » 10 barg pressure shock designs
- » Integrate in existing vacuum or blowing systems
- » Side access door options
- » Interchangeable grinding media options
- » Variety of screen and beater configurations
- » Wet cleaning version by CIP nozzles
- » Customisable

COMPLIANCE:

- » EU 1935/2004 and ISO 9001
- » 98/37/EC European Machinery Directive
- » ATEX 2014/34/EU
- » PED

BENEFITS:

- » Gentle grinding suitable for heat sensitive products and minimal fines generation
- » Reliable machine for continuous processing and minimum downtime
- » Easy access maintenance points and accessibility
- » Easy clean and hygienic
- » Configurable for a wide range of products, applications and size distributions
- » PSD variation by variable speed



















APPLICATIONS:

- » Product rework grinding
- » Use on products with an oil/fat/moisture content
- » Densification of materials
- » Deagglomeration
- » Granulation of a product
- » Typically post drying application – extruder, spray / drum dryer

KEK Cone Mills Data Table

KEK Cone Mills Unit Size	CM120	CM170	CM220	CM340	CM540	CM680	CM800
Cone Diameter (mm)	120	170	220	340	540	680	800
In-Line Application	•	•	•	•	•	•	•
Top Driven Direct Drive	•	•	•	•	•	•	•
Top Driven Belt Drive	•	•	•	•	•	•	•
Under Driven Belt Drive		•	•	•	•	•	
Under Driven Gear Box		•	•	•			
ATEX Availability	•	•	•	•	•	•	•
Typical Unit Dimensions							
Height (mm)	789	628	853	752	948	1613	1834
Length (mm)	548	330	1075	1310	1904	1948	2173
Approx. Net Weight (kg)	75	95	185	290	380	800	1700
Motor Size (hp)	0.75	2	5	10	20	25	50
Motor Size (kW)	0.55	1.5	4	7.5	15	18.5	37
Available Screens Available Rotors	Conidur 0.15-4 mm, round hole 0.5-8 mm square 3-12 mm round or square						

All Cone Mills are available with a range of inlet and outlet sizes and configurations - please contact Kemutec for product trials to determine mill specification.

 CM75 DIRECT DRIVE	 CM120 DIRECT DRIVE	 CM120 TOP DRIVE	 CM170UG UNDER DRIVEN	 CM220UG UNDER DRIVEN	 CM340UG UNDER DRIVEN
 CM170UB UNDER DRIVEN	 CM220 DIRECT DRIVE	 CM120 TOP DRIVE	 CM220 TOP DRIVE	 CM340 TOP DRIVE	 CM540 TOP DRIVE SWING AWAY CHUTE
 CM340UB UNDER DRIVEN	 CM340UB UNDER DRIVEN	 CM220UB UNDER DRIVEN	 CM680 TOP DRIVE	 CM540 TOP DRIVE SIDE ACCESS CHUTE	 CM800 TOP DRIVE

Spares and Servicing are available, to talk to one of our experts please call: +44 (0)1625 412000