



Exceptional equipment.
Unmatched service.
40+ years and counting.



CONE MILL

PRODUCT BROCHURE





We at Kanath Engineering have built a reputation for excellence through our continuous contribution to the engineering industry.

A place where industrial age build quality meets innovations in modern technology.

 **AURUS**

You may be familiar with our technical expertise in the manufacturing of processing machinery.

After having the opportunity to serve the pharmaceutical, nutraceutical, chemical, cosmetic, food, plastic and other allied industries, we now enter a new era of exponential improvement.

Introducing our new range of equipment, the AURUS machines.



Clients

There is nothing we enjoy more, than satisfying clients that appreciate our philosophy of under-promising and over-delivering, far beyond expectation.

Our machines are known to be built like tanks, but we are always there to help, if things ever get troublesome.

AURUS Cone Mill

Introducing the latest addition to our new, improved and highly-focused catalogue of exceptional engineering equipment.

A milling machine known world over for its proven track record at delumping of powders & granules (deagglomeration).

It is an essential tool in a range of processes such as fine-grinding, uniform size-reduction, dispersion, sieving, mixing as well as dry & wet milling.



Benefits

- ▶ Impressive throughput with a larger capacity than the other conventional cone mills
- ▶ Tight particle size distribution through a gentle grinding action and quick discharge
- ▶ High-performance design that uses centrifugal force for maximum processing efficiency
- ▶ Effortless ownership experience due to minimal noise, heat and dust
- ▶ Ultimate value on investment with multiple variant options based on requirement



Precise control via
variable speeds

Interchangeable
Impellers & Screens

Easy to Dismantle
and Clean



An efficient
under-driven motor

Food-grade
silicone rubber,
PTFE teflon seals

Certified cGMP,
CE, UL compliant

The AURUS Cone Mill is available in a range of models, each designed to meet diverse operational needs. The Laboratory version is powered by a 1HP motor, while the higher-capacity production models are offered with power options from 2HP to 10HP, ensuring exceptional performance across all scales of production. Larger capacities are also available for more demanding applications

A versatile and reliable machine for
most of your milling needs. Solid,
predictable and powerful, every time.

Technical Specifications

Material	SS316L (contact) SS304 (non-contact)
Finish	Mirror (interior) Matt (exterior)
Motor	2800RPM, 415V AC, 50Hz
Optional	Additional Screens and Impellers Touch-screen control system ATEX-complaint FLP electricals Wash-in-Place, Clean-in-Place

Models

CONE MILL (TOP DRIVEN)

Name	TDC-LAB	TDC-20	TDC-50	TDC-75	TDC-100
Motor	0.75HP	2HP	5HP	7.5HP	10HP
Capacity	≤ 50kg/hr	≤ 400kg/hr	≤ 800kg/hr	≤ 1600kg/hr	≤ 3200kg/hr

Models

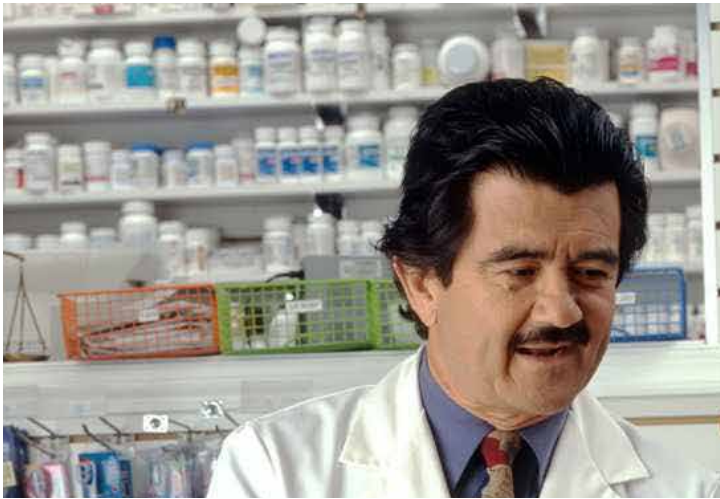
CONE MILL (BOTTOM DRIVEN - DIRECT)

Name	UDC-LAB	UDC-20	UDC-50	UDC-75	UDC-100
Motor	1HP	2HP	5HP	7.5HP	10HP
Capacity	≤ 50kg/hr	≤ 400kg/hr	≤ 800kg/hr	≤ 1600kg/hr	≤ 3200kg/hr

Models

CONE MILL (BOTTOM DRIVEN - BELT)

Name	UDC-LA B B	UDC-20B	UDC-50B	UDC-75B	UDC-100B
Motor	1HP	2HP	5HP	7.5HP	10HP
Capacity	≤ 50kg/hr	≤ 400kg/hr	≤ 800kg/hr	≤ 1600kg/hr	≤ 3200kg/hr



Pharmaceuticals

The AURUS Cone Mill design makes it ideal for particle size reduction, sizing wet granulated particles before drying and sizing dry granules before the tableting stage.

It is also extensively use in reclaiming broken tablets by grounding them back into a powder form before reformation.

Food Industry

Our equipments help you process a large variety of edible items, far beyond their popular use in pharmaceutical applications.

The deagglomeration of dried fruits such as raisins, cranberries, etc. is one such application, while creating breadcrumbs from scraps is another, and many more.



Chemicals

The multipurpose capability of this incredible mill can be seen as it proves invaluable in the processing of fine chemicals.

One of the most popular use is the delumping of dry detergent powders during production.

Cosmetics

Heavy industrial equipment is useful to more than just heavy, industrious people.

Plug in our under-driven AURUS Cone Mills to produce numerous personal care and cosmetic purposes like dispersing pearl into blush and face powder.



Notes
