



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



# MULTI 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 Multi Mill

AURUS Multi-mill is excellent for granulating, shredding, chopping, and pulverising a variety of wet and dry materials at high speeds.

To achieve size reduction, it uses variable force with hammer blades that have both knife and impact edges rotating within the chamber. A reverse switch for the hammer or knife action can shift the direction of the blade. It has a variety of options for screen and a variable frequency drive is provided for regulating the speed.

## Benefits

- ▶ All contact parts are made of stainless steel 316L.
- ▶ Multiple speeds are available thanks to the built-in variable frequency drive.
- ▶ The number of blades can be changed to fit the process and the material.
- ▶ Multi-speed drive for milling a variety of products
- ▶ All components are easily dismantled and cleaned. Increasing Productivity and Reducing Production Downtime
- ▶ Easily transportable
- ▶ Multi mill with efficient dust containment
- ▶ Process homogeneity and high output
- ▶ A reversing switch for Hammer or Knife operation can alter the direction of the Blade rotation for various product types.



Precise control via  
variable speeds

Interchangeable  
Impellers & Screens

Easy to Dismantle  
and Clean



A efficient  
direct-driven  
design

Food-grade  
silicone rubber,  
PTFE teflon seals

Certified cGMP,  
CE, UL compliant

The AURUS Multi Mill is available primarily in three variants for scalable results. The Laboratory model consists of 1 HP motor, while the higher production models are available in options of 3 HP and 5 HP. Higher capacity available

## Models

Name	MM-LAB	MM-30	MM-50
Motor	1 HP	3 HP	5 HP
Capacity	≤ 50kg/hr	≤ 300kg/hr	≤ 500kg/hr

## Technical Specifications

Material	SS316L (contact) SS304 (non-contact)
Finish	Mirror (interior) RA < 0.30 Matt (external) RA < 0.30
Motor	2850 RPM, 415 V AC, 3 Phase, 50 Hz. Custom motor available on request.
Optional	1. Touch-screen control system. 2. ATEX-complaint Flame-proof electricals. 3. Wash-in-Place, Clean-in-Place. 4. Vacuum rated.

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





## Pharmaceuticals

The AURUS Multi 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 Multi Mills to produce numerous personal care and cosmetic purposes like dispersing pearl into blush and face powder.



## Notes

---

---

---

---

---

---

---

---

---

---

---