



Exceptional equipment.
Unmatched service.
40 years and counting.



COLLOID 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.



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 Colloid Mill

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

A processing machine known world over for its proven track record of homogenizing, emulsifying, mixing and comminuting a variety of raw materials to highly viscous end products.



Benefits

- ▶ Precise control via an adjustable gap between rotor and stator
- ▶ 3-way valve with re-circulating pipe for maximum processing efficiency
- ▶ Effortless output via separate discharge spout for highly viscous products
- ▶ Ultimate value on investment with multiple variant options



The AURUS Colloid Mill is available in both Vertical and Horizontal form-factors with power options of 3 and 5 Horsepower respectively. Please contact us if your requirement exceeds that.

Models

Belt-Driven

MODEL	HCM-LAB	HCM-30	HCM-5
MOTOR	1HP, 2800RPM	3HP, 2800RPM	5HP, 2800RPM
FLOW RATE	upto 600 ltr/hr	upto 1200 ltr/hr	upto 1200 ltr/hr

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

Technical Specifications

Material	SS316L (contact) SS304 (non-contact)
Finish	Mirror (interior) Matt (exterior)
Motor	3HP / 5HP 2800RPM, 415V AC, 50Hz
Capacity	Upto 1200 Ltr/Hr
Reduction	5 to 10microns
Height	1010mm (Charging) 420mm (Discharge)
Weight	200kg
Optional	50kg hopper ATEX-compliant FLP electricals Wash-in-Place, Clean-in-Place



Food Industry

AURUS Colloid Mills help you process a large variety of edible items like pastes, extracts, drinks, milk products, salad dressings, ketchups, baby foods, soups, spiced pastes, cream cheese, etc.

Cosmetics

Heavy industrial equipment is useful to more than just heavy, industrious people. Plug our machines in to produce bath additives, creams, lotions, ointments, toothpastes, soaps, emulsions, face milk, makeup, lipstick bases, shaving creams, shampoos and many more end products.



Pharmaceuticals

Our most popular clients come from the medicine manufacturing space. They use our clean and efficient machines to process ointments, extracts, emulsions, colour solutions, starch solutions, creams, pastes, lotions, etc.

Chemicals

Witness the multipurpose capability of this incredible machine as it proves invaluable in manufacturing a range of colourings, detergents, plastics, PVC coatings, paper coatings, latex emulsions, shoe polishes, textile coating, car shampoos and sealants.



Notes
