

**Exceptional equipment.
Unmatched service.
Four decades and counting.**



AURUS V-BLENDER

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 V-Blender

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

A unique twin-shell processing machine known for its outstanding performance in intermixing to produce a homogenous mixture.

The Aurus V-Blender is an infamous tool used to blend granules and powders uniformly via a thorough tumbling of a variety of raw materials.



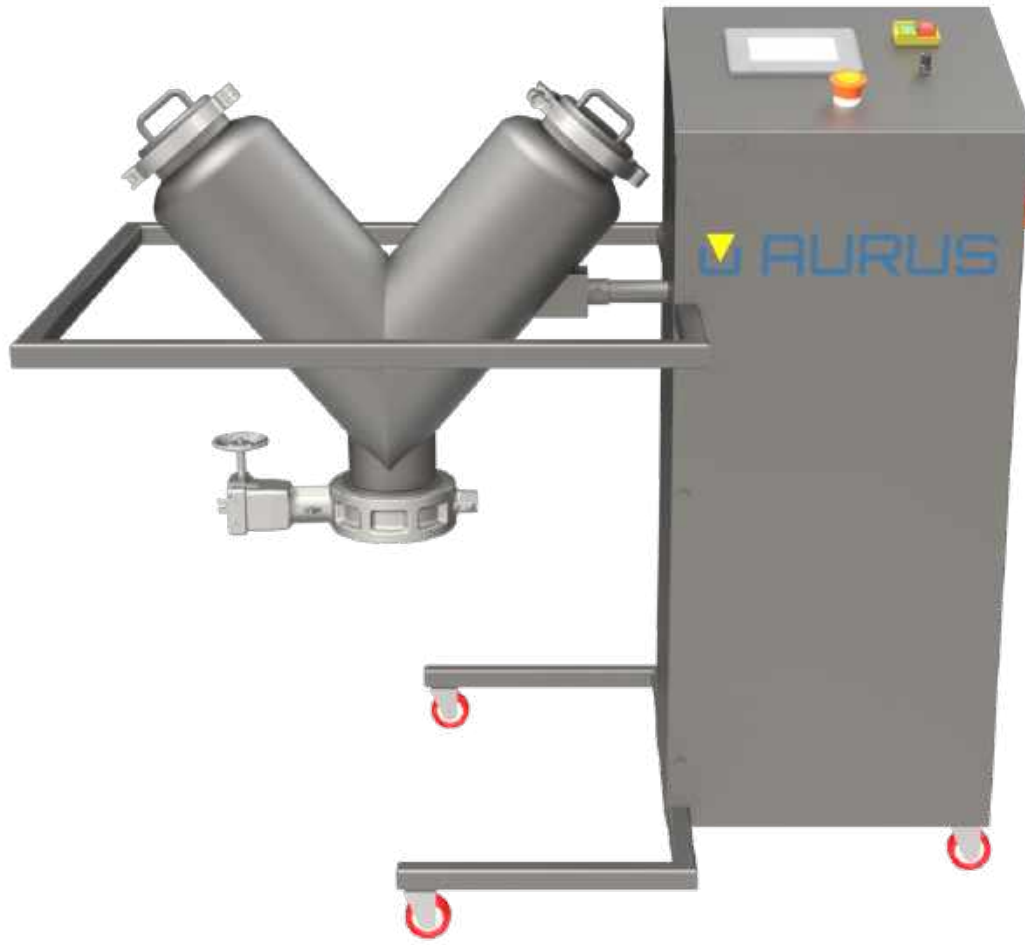
Benefits

- ▶ The two-wing design and repetitive converging & diverging motion assists in eliminating dead spots
- ▶ Perfect to blend brittle materials due to the absence of blades and choppers thus preventing particle size reduction
- ▶ Low-maintenance ownership experience due to a superb working stability with minimal noise & dust
- ▶ Efficient discharge due to inclined blender arms enables an unconditional release of materials
- ▶ Effortless sanitation due to a highly-polished surface and absence of edges & corners
- ▶ An ultimate value on investment with multiple variant options based on your requirement

Dual Charging Ports with an Air-tight cover

Discharge Port with a Butterfly-valve

Positively-interlocked safety barrier with Switch



FDA-compliant food-grade Silicon & PTFE seals

Certified cGMP, CE, UL compliant

Castor Wheels with brakes for safety

The Aurus V-Blender is available primarily in three variants for customised, scalable results. The Laboratory model is the conservative one, whereas there are two higher-production machines. Please contact us if your requirement exceeds that.

Models

Name	VSB-LAB	VSB-75	VSB-150
Motor	1HP	2HP	3HP
Charging Port	2 x 250mm Dia.		
Discharging Port	4" Dia.	8" Dia.	
Gross Capacity	15ltr	75ltr	150ltr
Working Capacity	10ltr	60ltr	120ltr
(@0.50 Bulk Density)	3-5kg	25-30kg	55-60kg

Technical Specifications

Material	SS316L (contact) SS304 (non-contact)
Finish	240 grit Mirror (interior) 180 grit Matt (exterior)
Motor	1440RPM, 415V, 3-Phase AC, 50Hz Hindustan/Crompton-make, Non-FLP Foot-mounted, Geared-type
Blender RPM	8-17RPM adjustable with VFD
Safety	Mechanical guard rails Overload-Protection relays

An essential, reliable and efficient machine for your blending needs. Powerful and predictable, every single time.



Pharmaceuticals

A variety of powders and granular blends of several ingredients need to be mixed carefully to produce generic drugs & medicines.

The Aurus V-Blender is essential in the careful and precise blending of APIs with excipients like starch, cellulose, lactose, etc. in a homogenous manner.

Food Industry

The usefulness of this blender can be further witnessed in the preparation of whole foods and meals fit for consumption.

Flours, juices, ground coffee & cocoa powder, sauces, syrups, baby food, candy, spices and seeds are just some of the examples of its extensive application.



Chemicals

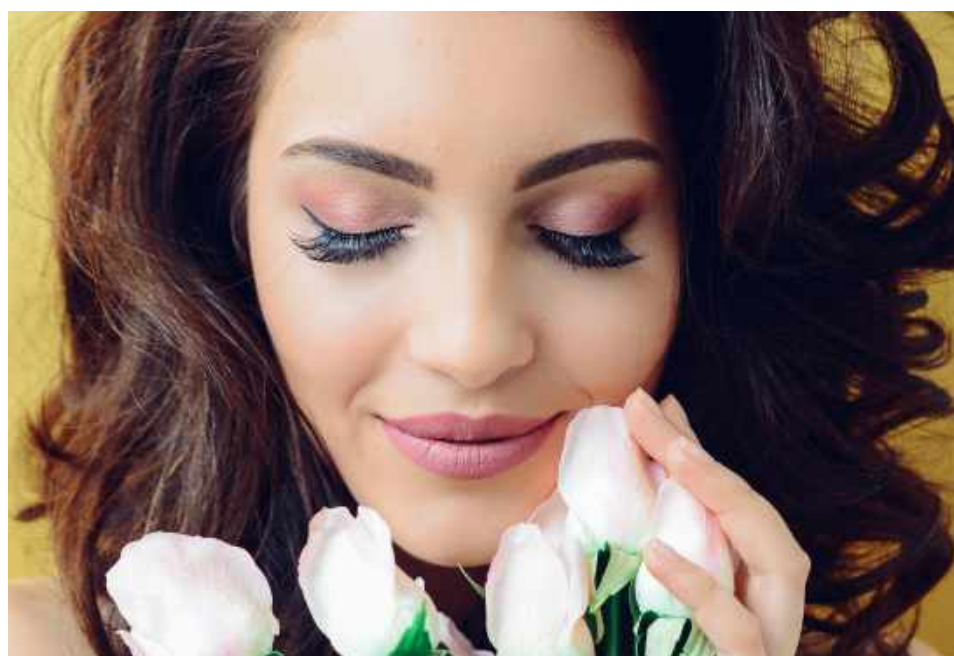
The chemical industry uses a range of ingredients to produce and manufacture abrasives, mineral powders for formulation, chlorinated organics, epoxy hardeners, fertilizers, lubricants oils, PVB emulsions, explosives and many other materials.

The Aurus V-Blender is the perfect solution to achieving the desired consistency in these end-products.

Cosmetics & Nutraceuticals

For the purposes of emulsification with a consistent particle-size, the cosmetic, health, nutrition & personal care industry puts the twin-shell machine to perfect use.

A variety of lotions, lipsticks, make-up, skin-care creams, toothpastes, foundations, gels, multi-vitamins, protein supplements can be processed with certainty in texture.





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