



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



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.



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.



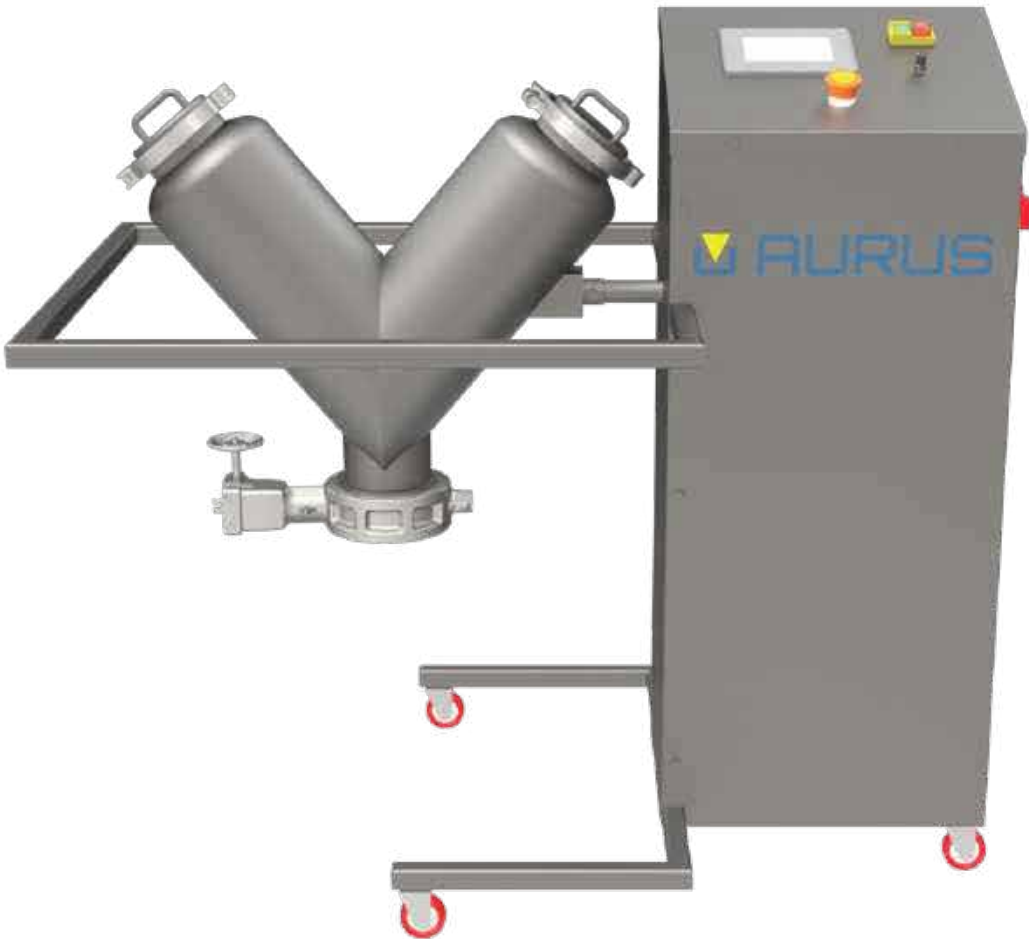
Benefits

- ▶ 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 in an array of expertly crafted models, designed to provide precise and scalable blending solutions. Renowned for its distinctive V-shaped design, this blender ensures thorough and uniform mixing of dry powders and granules, making it an ideal choice for critical applications requiring consistency and efficiency. For unique blending requirements that exceed our standard configurations, we welcome you to contact us for a customized solution tailored to your specific production needs.

Technical Specifications

Material	Finish	Motor	Safety	Optional
SS316L (contact) SS304 (non-contact)	240 grit Mirror (interior) 180 grit Matt (exterior)	1440RPM, 415V, 3-Phase AC, 50Hz Non-FLP Foot-mounted, Geared-type	Mechanical guard rails Overload-Protection relays	Touch screen control system. ATEX complaint Flame proof electricals Vacuum rated.

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

AURUS V- BLENDER

Models

MODEL NAME	Gross Volume(ltr)	Working Volume(ltr)	Weight(KG)(BD@0.7)
VCB-LAB-2	3	2	1.4
VCB-LAB-5	7	5	3.5
VCB-LAB-10	15	10	7
VCB-25	35	25	17.5
VCB-50	72	50	35
VCB-75	108	75	52.5
VCB-100	150	100	70
VCB-150	215	150	105
VCB-250	360	250	175
VCB-300	430	300	210
VCB-400	572	400	280
VCB-600	860	600	420
VCB-700	1000	700	490
VCB-800	1150	800	560
VCB-1000	1430	1000	700
VCB-1200	1720	1200	840
VCB-1400	2000	1400	980
VCB-1800	2580	1800	1260
VCB-2000	2860	2000	1400
VCB-2500	3580	2500	1750
VCB-3000	4300	3000	2100
VCB-3500	5000	3500	2450
VCB-4000	5720	4000	2800
VCB-5000	7150	5000	3500



Pharmaceuticals

A variety of powders and granules of several ingredients need to be mixed carefully to achieve the suitable dose of a pharmaceutical drug.

The AURUS Double-Cone Blender is thus extensively used in the 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. Semolina flour, cake mixes, ground coffee, cocoa powder, chocolate flakes, powdered milk, baby food, dehydrated soup preparations, spices and seeds are just some of the examples.



Chemicals

The chemical industry uses a range of specific ingredients to produce dry powdered detergents, glass, ceramics, rubber compounds, soap flakes, explosives, plastics and many other materials.

Plant growth enhancers such as nitrogen, phosphorous and potassium are also blended together to form fertilizers using the AURUS Double-Cone Blender.

Nutraceuticals

Due to the increased awareness about health and nutrition these days, the consumer demand for dietary supplementation has exploded. Blending mixtures of unique compounds together in a precise, uniform manner is vital in the production of nutraceuticals like multi-vitamins, protein powders among many others.





Notes

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