



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



CONTA-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 Conta -Blender

The Conta Bin Blender, developed by AURUS, is a state-of-the-art pharmaceutical machine designed to deliver exceptional blending performance and meet the stringent requirements of the industry. This advanced blender offers highly efficient and homogeneous mixing of dry powders and granules, making it the preferred choice for achieving consistent and high-quality blends.



Benefits

- ▶ **Efficient Mixing:** The Conta Bin blender is designed to blend materials quickly and efficiently, ensuring a uniform mixture.
- ▶ **Versatility:** It can handle a wide range of materials, including powders, granules, and pellets which makes it suitable for diverse applications.
- ▶ **Easy to Use:** The blender is typically user-friendly, with simple controls and adjustable settings to tailor the blending process to specific needs.
- ▶ **Reduced Contamination Risk:** Many Conta Bin blenders are designed with features that minimize cross-contamination between batches.
- ▶ **Scalability:** These blenders come in various sizes, allowing for scalability from small laboratory batches to large-scale production.
- ▶ **Improved Process Control:** With precise control over blending times and speeds, users can achieve consistent results and maintain high-quality standards.
- ▶ **Durability:** Built with high-quality materials and robust construction, Conta Bin blenders are designed for long-term use and can withstand rigorous operating conditions.
- ▶ **Customization:** Some Conta Bin blenders offer customization options to fit specific processing requirements, such as adding special features or modifying configurations to accommodate unique materials.

Enclosed rigid drive with reduction gear box and motor.

"A" type rigid structure of the machine with two sides resting of product container.

Product container having discharge with butterfly valve and man hole.



Charging hole with hinged lid with seal for charging and cleaning.

Fixed baffles provided for lumps breaking.

Loading & Unloading by Product container with Jacking trolley.

The AURUS Conta Bin Blender is available in a selection of bespoke models, meticulously engineered to provide precise and scalable blending solutions. Known for its efficient design, the Conta Bin Blender ensures uniform mixing while minimizing product handling, making it ideal for high-precision applications. For unique requirements that extend beyond our standard offerings, we invite you to contact us for a fully customized solution, tailored to meet your specific 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 CONTA- BLENDER

Models

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