

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









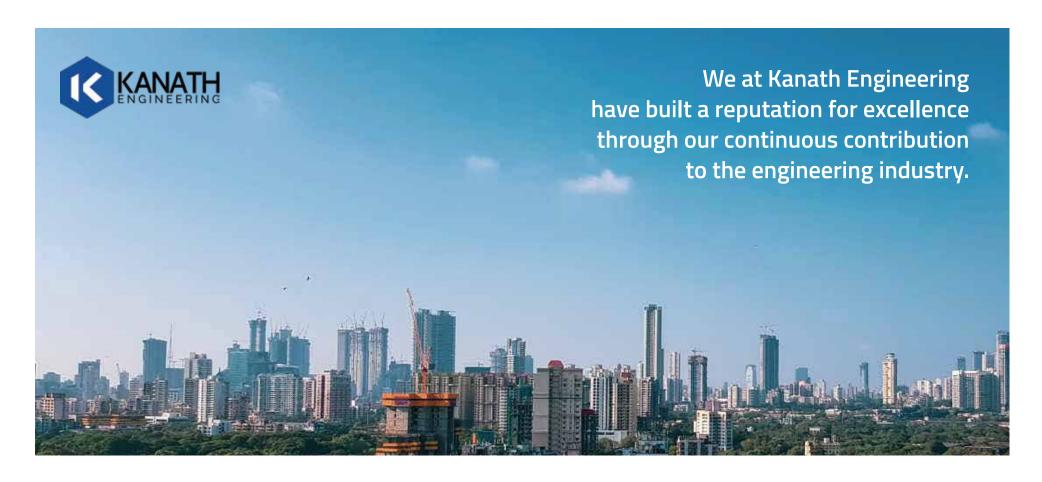












A place where industrial age build quality meets innovations in modern technology.

TAURUS

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** Octagonal Blender

The Octagonal Blender, offered by AURUS, is a highly efficient and versatile pharmaceutical machine designed specifically for production managers, quality heads, and machine operators in the pharmaceutical industry. It stands as a top choice for achieving uniform blending of dry powders and granules.



Benefits

- ▶ Uniform Blending: The octagonal shape and tumbling action ensure thorough and homogeneous mixing of powders and granules.
- ► Gentle Mixing: The tumbling motion of the octagonal blender is relatively gentle on materials, reducing the risk of damage or degradation to delicate powders and granules making it suitable for blending sensitive materials.
- ► Versatility: Octagonal blenders can handle a wide range of materials, including powders, granules, and small pellets.
- ► Reduced Segregation: The design of the octagonal blender helps minimize segregation of mixed components based on size, density, or other properties.
- ► High Efficiency: The efficient blending action often leads to shorter mixing times compared to other types of blenders
- ▶ Batch Consistency: The ability to achieve consistent blending results across different batches helps maintain quality control and meet industry standards.
- ► Cost-Effective: The combination of durability, efficiency, and low maintenance can make octagonal blenders a cost-effective choice over the long term.
- ► Adaptability: The blender's design can be adjusted to handle varying batch sizes and blending requirements.



Enclosed rigid drive with reduction gear box and motor.

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

Fixed baffles provided for lumps breaking.

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

Product container having discharge with butterfly valve and man hole.

The AURUS Octagonal Bin Blender is designed to provide superior blending efficiency, available in a range of bespoke models to ensure precision and scalability for every application. With its unique octagonal design, this blender optimizes material movement, delivering consistent and homogeneous mixing across batches. For tailored solutions that exceed our standard offerings, we invite you to contact us for a custom approach crafted to meet your exact specifications.

Technical Specifications

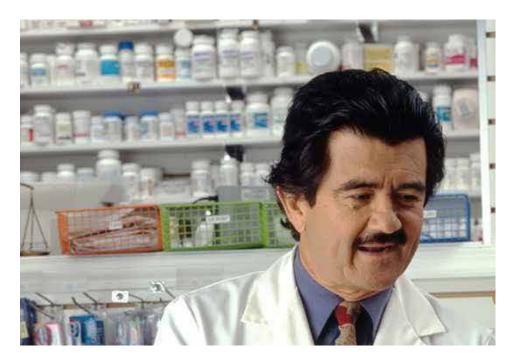
| Material | Finish | Motor | Safety | Optional |
|---|--|---|--|--|
| SS316L (contact) SS304 (non-contact) | 240 grit Mirror (interior) 180 grit Matt (exterior) | 1440RPM, 415V, 3-Phase AC, 50Hz Non-FLP Foot-mounted, Geared-type | Mechanical guard rails Overload-Protection relays | Touch screen control 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 OCTAGONAL BLENDER

Models

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

among many others.

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





| Notes | | |
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