

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



# **AURUS DOUBLE-CONE 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 Double-Cone Blender

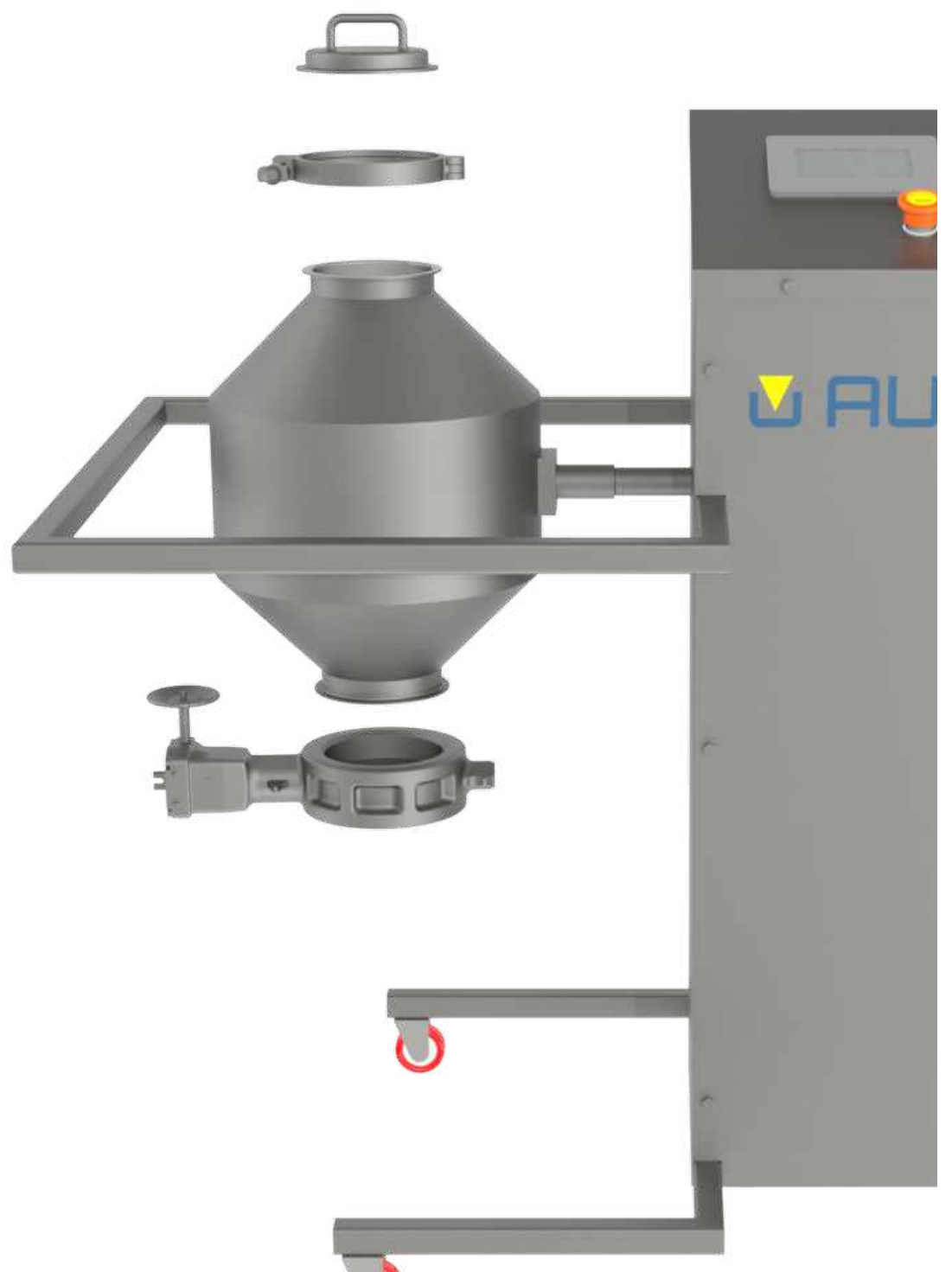
Introducing the latest addition to our new, improved and highly-focused catalogue of exceptional engineering equipment.

A unique processing machine known for its outstanding performance in producing a homogenous solid mixture by thoroughly rotating & tumbling a variety of raw materials.

The Aurus Double-Cone Blender has certainly proven to be an essential tool in blending free-flowing granules and powders uniformly across industries.

## Benefits

- ▶ The build quality, design and repetitive converging & diverging motion assists in eliminating dead spots
- ▶ Low-maintenance ownership experience due to a superb working stability with minimal noise & dust
- ▶ Effortless cleaning is possible thanks to the absence of edges, corners and a highly-polished surface
- ▶ High performance and an ultimate value on investment with multiple variant options based on your requirement





Charging Port with an Air-tight cover & clamp

Discharge Port with a Butterfly-valve

Castor Wheels with brakes

Positively-interlocked safety barrier with switch

FDA-compliant food-grade Silicon & PTFE seals

Certified cGMP, CE, UL compliant

The Aurus Double-Cone 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	DCB-LAB	DCB-75	DCB-150
Motor	1HP	2HP	3HP
Charging Port	250mm Dia.	250mm Dia.	250mm Dia.
Discharging Port	4" Dia.	8" 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 machine for most of your blending needs. Powerful and predictable, every single time.



## 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.





Kanath Engineering Pvt. Ltd.  
W 342, TTC Industrial Area,  
MIDC, Rabale,  
Navi Mumbai - 400701

[sales@kanathengg.com](mailto:sales@kanathengg.com)  
[kanathengg@gmail.com](mailto:kanathengg@gmail.com)  
+91 9833090630 / +91 9137714450  
[www.aurusmachines.com](http://www.aurusmachines.com)