



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



# 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.



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

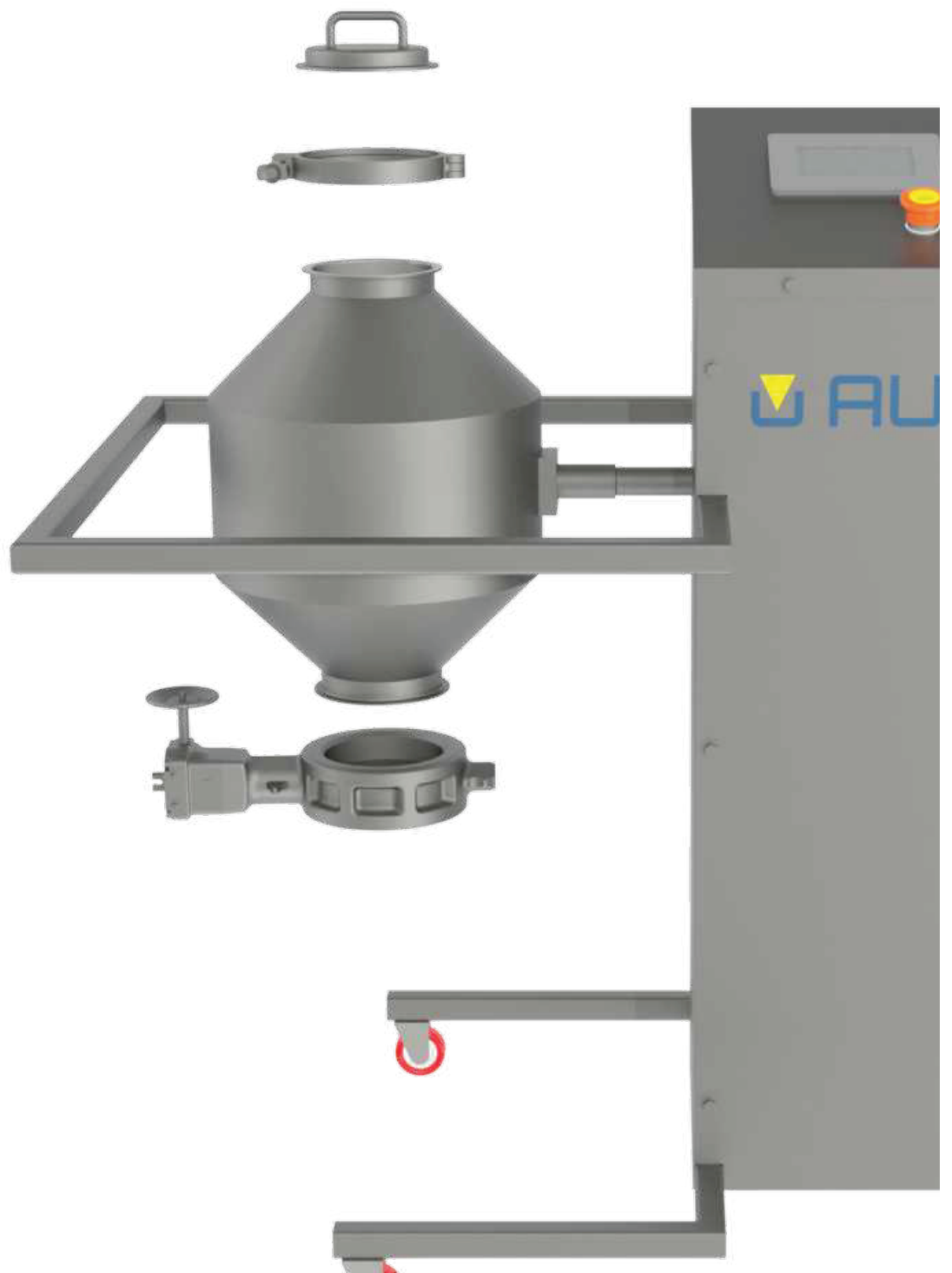
Introducing the latest addition to our new, improved and highly-focused catalogue of exceptional engineering equipment.

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







The AURUS Double-Cone Blender is offered in a variety of bespoke models, tailored to deliver scalable, precision results. For specialized requirements beyond the available options, please reach out to us for a custom solution.

## 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 DOUBLE CONE BLENDER

## Models

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





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