

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



# **CENTRIFUGAL SIFTER**

PRODUCT BROCHURE





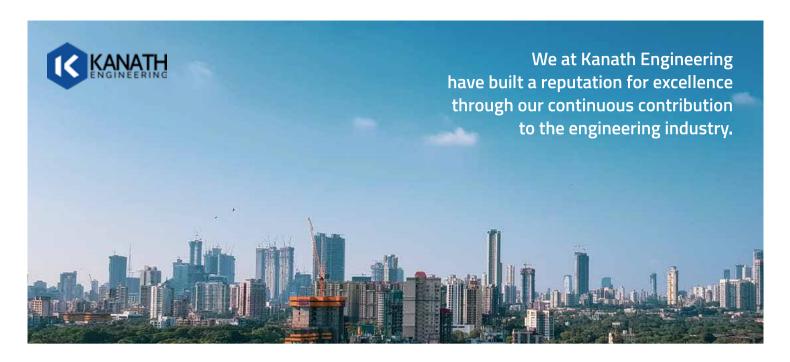












A place where industrial age build quality meets innovations in modern technology.

# **MAURUS**

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** Centrifugal Sifter

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

This under-driven processing machine is all you will ever need to revolutionise your previous methods of sifting, sieving & separation.

A vital tool popular world over, it offers a performance perfect for size classification of a multitude of dry powders and bulk ingredients.

### **Benefits**

- ► Flawless screening and removal of foreign contaminants and other adulteration
- ► Break soft lumps into powders (deagglomeration) and remove oversized products (scalping) efficiently
- Minimise downtime through hygienic removal of dust and other fine residue from granular feed
- ► Effortless ownership experience due to minimal noise, heat and dust
- ► Ultimate value on investment with multiple variant options based on requirement



Interchangeable
Screens for
Better Precision

AURUS

An efficient under-driven motor

Food-grade silicone rubber, PTFE teflon seals

Certified cGMP, CE, UL compliant

Easy to Dismantle and Clean

Castor Wheels with brakes for Safety

The AURUS Centrifugal Sifter is available primarily in multiple variants for scalable results. The Laboratory model consists a 0.75HP motor, while the higher production models are available in options of 2 & 5HP.

Models							
Name	UCS-LAB B	UCS-20 B	UCS-50 B	UCS-75 B	UCS-100 B		
Motor	1	2	5	7.5	10		
Capacity	Upto 1000 Kg/Hr	Upto 2000 Kg/Hr	Upto 4000 Kg/Hr	Upto 8000 Kg/Hr	Upto 16000 Kg/Hr		

A solid, reliable machine for all of your sifting & sieving needs. Powerful and predictable, every single time.

Technical Specifications					
Material	SS316L (contact) SS304 (non-contact)				
Finish	Mirror (interior) Matt (exterior)				
Motor	2800RPM, 415V AC, 50Hz				
Optional	Additional Screens Touch-screen control system ATEX-complaint FLP electricals Wash-in-Place, Clean-in-Place				



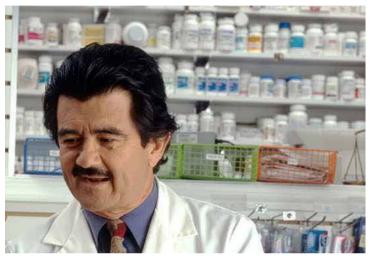
## **Food Industry**

The centrifugal sifter has been a vital tool in the processing of a large variety of edible items like baby foods, baking soda, bakery & cake mixes, candy starch, cheese powder, chili powder, cocoa powder, dehydrated vegetables, dextrose, various flour, instant coffee, salt, soy meal, spices, sugar, etc.

### **Pharmaceuticals**

Due to its effectiveness in deagglomeration and sieving of bulk powders and granules, the pharmaceutical industry puts this equipment to optimum use.

The separation & classification of active pharmaceutical ingredients, miscellaneous fine powders and numerous other mixtures is possible thanks to the high-output of AURUS machines.



# **Chemicals**

The under-driven motor is more than capable in sifting chemical powders like calcium carbonate, fertilizers, fungicides, herbicides, detergents, epoxy resin, grit, paint pigments, powdered coal, powder coatings, silica, sodium bicarbonate, titanium dioxide, urea, ground hull and various other substances.

## **Nutraceuticals & Cosmetics**

Apart from the above industries, the health, beauty and well-being industry is another avenue where this equipment has proved to be quite useful. Especially in the manufacture & processing of supplements like glutamine, casein, BCAAs, powdered whey, & other proteins, multi-vitamins and cosmetics like mild powders, soaps, clay, talcum powder, etc.





Notes		

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