



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



OSCILLATING GRANULATOR

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 Oscillating Granulator

The most popular special-purpose machine from our highly-focused catalogue of exceptional engineering equipment.

The AURUS Oscillating Granulator is the ideal tool for dry & wet granulation, screening, crushing and breaking lumps thereby enhancing the compressibility of the end-products.

This granulation machine is all you will ever need for gentle, homogenised size reduction, sieving and grading granules in a variety of industries.

Benefits

- ▶ Its gentle, low-impact movement avoids excessive heat generation
- ▶ The unique oscillating rotation also avoids accidental fine powder formation
- ▶ Ultimate value on investment with multiple variant options based on requirement
- ▶ Effortless ownership experience due to minimal noise, heat and dust



Interchangeable
screens for
optimum precision

Easy to dismantle
and wash with
hot water

Variable Frequency
Drive for speed
adjustment



Swivel-type castor
wheels with brakes
for safety

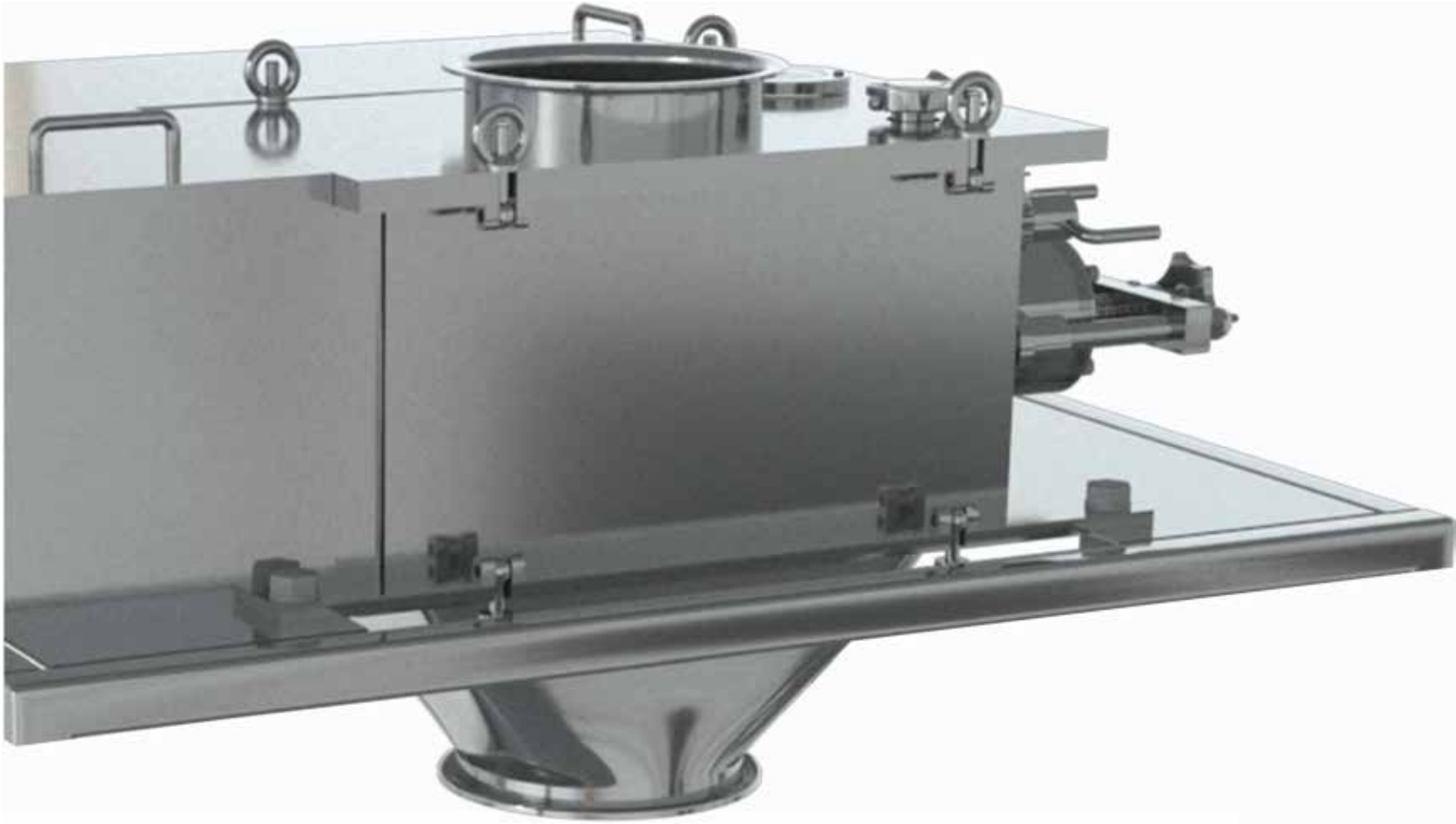
Food-grade
silicone rubber,
PTFE teflon seals

Certified cGMP,
CE, UL compliant

Models

Name	SG-LAB	SG-250	SG-500	SG-650
Motor	1HP	2HP	2 X 2HP	3 X 3HP
Capacity*	upto 50 Kg/Hr	upto 400 Kg/Hr	upto 800 Kg/Hr	upto 1200 Kg/Hr

*DEPENDING UPON GRANULE SIZE AND PRODUCT CHARACTERISTICS



Technical Specifications

Material	SS316L(contact) SS304(non-contact)
Finish	240 grit Mirror (interior) 180 grit Matt (exterior)
Motor	1440RPM, 41SV,3-Phase, 50Hz Non Flame-Proof, Flanged-type
Starter	Variable Frequency Drive Enclosed in Stainless Steel box
Optional	<ul style="list-style-type: none"> Touch screen control system. ATEX complaint Flame proof electricals Vacuum rated.

A proven winner.
The Oscillating Granulator is a solid, reliable machine for all your granulation needs.Powerful and predictable, every single time.



Pharmaceuticals



Nutraceuticals

Applications

The AURUS Oscillating Granulator is far more suitable than regular mills due to its gentle movement. This avoids the raw materials from undergoing high-impact situations that may lead to heat generation.

It also avoids excessive crushing of the raw materials into fine powders that can result in a difference in the dissolution rate. Thus, this machine is proving to be quite popular in most industries where granulation is key.

From active pharmaceutical ingredients to chicory additives for coffee, as catalysing agent in metal foundries to calcium supplements & health products, most manufacturers have figured out a way to reap the benefits of this incredibly versatile machine.



Food Industry



Chemicals



Notes

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