

Kambert



KOG
OSCILLATION GRANULATOR

Kambert Oscillating Granulator machine is suitable for Pharmaceutical, Nutraceutical, Chemical, Foodstuff industries. KOG is exclusively designed with engineered oscillating motion which improves the granulating process with such a highly advanced technology. Oscillating Granulator is perfect aid for production of tablet, preparation of colouring pigments, fertilizers, condiments products and regularizing of granules, etc.

INDUSTRIES

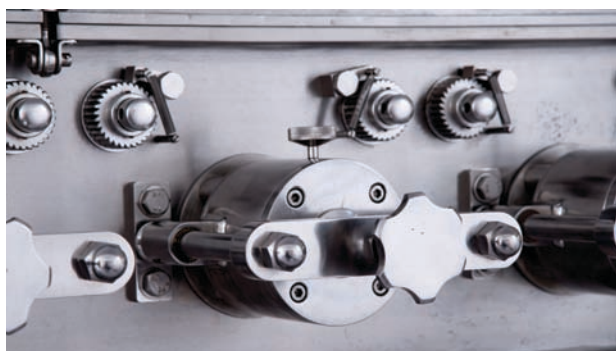
- Pharmaceutical
- Food
- Beverages
- Agriculture

OPERATIONS

Kambert Oscillating Granulator system has rotor with edge rollers, which oscillate on horizontal axis at about 150 to 180 oscillations per minutes. There is one half round sieve mounted at the bottom of the rotor / blade. Material is charged from the top through in feed hopper and material falls on the rotor blades.

Due to the knife edges mounted on rotor, the downsizing of particle takes place and through sieve material gets pushed outward from the bottom opening. Rotor can be removed for cleaning very easily.

The system is often applied to form wet powder and to crush dry powder into required granules.



By using a sieve with a correct mesh opening (mesh size) less dust is produced. The dry powders are first mixed, moistened with water or alcohol. It is sometime necessary to add a thickening agent to mix up the different powders. It is important to moisten regularly. The best way is to determine the moisture content needed first to granulate small quantities. It is impossible to establish an accurate theory as to the degree of moisture. However, moisture with mechanical granulation is about half of that with hand granulation sieves.

An excellent result can be obtained with granulating machine by selecting the correct sieve and adopting proper rotor speed.

STANDARD FEATURES

- | cGMP Model
- | Contact parts SS 316
- | PU Castor for free mobility
- | Maximum efficiency and compact design
- | Suitable for online operations
- | High output with uniform granular size
- | Easy maintenance and high clean ability
- | Easy screen replacement
- | Driving mechanism is entirely enclosed

OPTIONAL FEATURES

- | Flame Proof Model With FLP DOL Starter
- | AC Variable Frequency Drive
- | Hopper interlocking
- | Discharging height as per demand

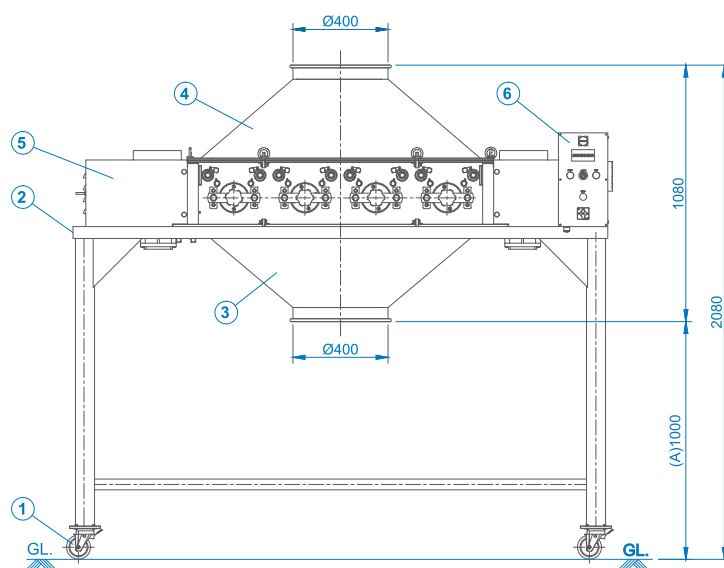
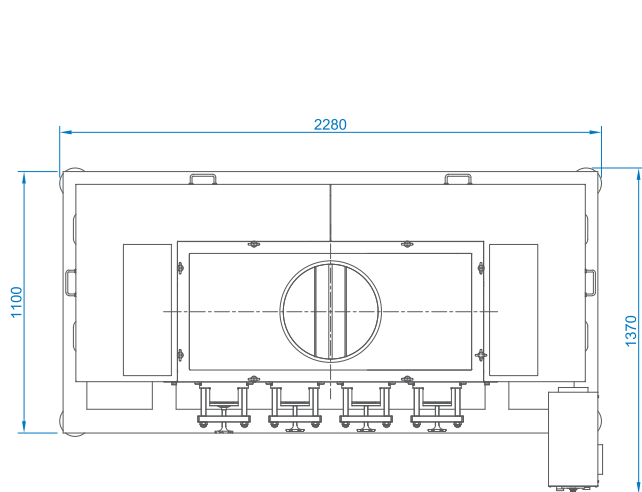


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TECHNICAL SPECIFICATIONS

Model	KOG - 250	KOG - 500	KOG - 1000
Rotor Motion	Oscillating		
Rotor Size - mm	120 x 460 L		
Output - kg/hr**	100 to 200	200 to 500	800 to 1000
Power Consumption-kw	1.5	3	7.5
Rotor Speed - Oscill/Min	180		
No of Rotor	1	2	4
Screen Area - mm	490 x 470 (1 no.)	490 x 470 (2 no.)	490 x 470 (4 no.)
Surface Finish - Grit (Internal & External)	180		
Power Supply	415 V/480 V/380 V/220 V, 3 Phase, 50 /60 Hz		
Overall Dimensions L x W x H*** - mm	1350 x 1000 x 1450	1600 x 1000 x 1350	2280 x 1370 x 2080
Net Weight-Kg	380	480	750

Beacuse of Technical Progress, we reserve rights of alteration.



GENERAL ARRANGEMENT

1. Castor Wheel 2. Stand 3. Discharging Hopper 4. Charging Hopper 5. Motor Cover 6. Electric Panel

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