



PHARMA MACHINERIES

Oscillating Granulator



RIDDHI PHARMA MACHINERY LTD.

CIN: U33112GJ1995PLC028504

Manufacturer & Exporters of Pharmaceutical Machineries

MUMBAI OFFICE: Om-shivam soc., Tarun Bharat Bldg. No.2, Opp. Cigarette Factory, Sahar Road, Andheri (East), Mumbai - 400 099. Maharashtra, India Tel.: +91-22-28321332 / 28382479

Mobile: +91- 9821018579 / 9969994187 Email: hkshah@riddhipharma.com / riddhipharma@yahoo.com

Web : www.riddhipharma.com / www.riddhipharma.net

REGD. OFFICE & FACTORY : Riddhi Estate, Gulab Nagar, Opp. AEC, Amraiwadi, Ahmedabad - 380026. India.





RIDDHI OSCILLATING GRANULATOR **GMP MODEL (RDOG-150) MACHINE**

DESCRIPTION :

RIDDHI Oscillating Granulator, plays an important part in the process of granulation in tablet making as quality of tablet is determined by the virtue of the granules used for its compression Oscillating granulator can be used for wet and dry aspect of the granulation process. Quality of granules are better compared to other processing machineries like multi mill, comminuting mill etc

- + All contact parts are in stainless steel
- + Mounted on a base
- + Adjustment, cleaning and operation are simple
- + Sturdy, durable, better productivity
- + Unique oscillatory rotor action ensures high outputs and a predictable product with minimum of fines

TECHNICAL SPECIFICATIONS :

- + Output : 75-200 Kgs/ hour (Depends upon mesh and material Nature.)
- + Rotor Drive : Through Reduction Gear Box.
- + Screen : Perforated type.
- + Motor : 1.5 H.P. / 415 V / 3 Phase Non FLP Type
- + AC Freq. Drive: To vary the desired speed. (Optional) :



RIDDHI OSCILLATING GRANULATOR HORIZONTAL GMP MODEL (RDOG-250) MACHINE

• **DESCRIPTION :**

RIDDHI Oscillating Granulator Horizontal GMP Model(RDOG-250) is supplied complete with standard accessories like S.S. 304 Stand with PU Castor Wheels, Geared Unit, FLP Electric Motor, AC Frequency Drive and FLP Electric Enclosure. All Contact Parts will be S.S. 316 and rest will be either covered or clad with S.S. 304 quality.

• **TECHNICAL SPECIFICATIONS :**

- | | |
|------------------------|---|
| a. Model No. | : RDOG – 250 Horizontal Type |
| b. Contact Parts | : S.S. 316 |
| c. Electric Motor | : 2 HP / 1440 RPM / 415 V / 50 Hz., 3Ø A.C. FLP Type – 1 No. Remi / Crompton Make. |
| d. Gear Unit | : Bonfiglioli / Nord Make – 1 No. |
| e. No. of Rotor | : 1 No. |
| f. No. of Oscillations | : 180 per minute Approximately |
| g. Output | : Upto 250 Kgs./Hr. depending upon product and sieve size. |
| h. Rotor Details | : 5/8" Dia. grooved rods 5 Nos. welded to 2 side flanges, 1 having pentagon bore and other with plain tapered bore. |
| i. Rotor Size | : 117 mm Dia x 470 mm Long. (1 No.) |
| j. Sieves Size | : 490 mm L x 425 mm W x 0.5 mm Thick. (1 No.) |
| k. Hopper Type | : Open Hopper – Gravity Feeding. |
| l. Overall Dimensions | : 1150mm Length x 800mm Width |
| m. Overall Height | : Charging Height 5 Feet & Discharging Height 3 Feet from ground level (as per your requirement). |
| n. Finish | : 180 grit internal & external. |
| o. Castor Wheel | : PU Wheels with S.S. 304 Bracket Assembly – 4 Sets |
| p. Base Structure | : SS 304 (Tubular Leg of 30 mm Dia. And 1250 mm Length to resist the load of machine.) |
| q. Process Chamber | : Made of 6mm Thick S.S. 316 Plates |



RIDDHI OSCILLATING GRANULATOR HORIZONTAL TWIN TYPE GMP MODEL (RDOG-500) MACHINE

1. DESCRIPTION :

RIDDHI Oscillating Granulator Horizontal Twin Type GMP Model (RDOG-500) is supplied complete with standard accessories like S.S. 304 Stand with PU Castor Wheels, Geared Unit, FLP Electric Motor, AC Frequency Drive and FLP Electric Enclosure. All Contact Parts will be S.S. 316 and rest will be either covered or clad with S.S. 304 quality.

TECHNICAL SPECIFICATIONS :

a. Model No.	: RDOG – 500 Horizontal Twin Type
b. Contact Parts	: S.S. 316
c. Electric Motor	: 2 HP / 1440 RPM / 415 V / 50 Hz., 3Ø A.C. FLP Type – 2 Nos. Remi / Crompton Make.
d. Gear Unit	: Bonfiglioli / Nord Make – Nos.
e. No. of Rotor	: 2 Nos.
f. No. of Oscillations	: 180 per minute Approximately
g. Output	: Upto 500 Kgs./Hr. depending upon product and sieve size.
h. Rotor Details	: 5/8" Dia. grooved rods 5 Nos. welded to 2 side flanges, 1 having pentagon bore and other with plain tapered bore.
i. Rotor Size	: 117 mm Dia x 470 mm Long. (2 Nos.)
j. Sieves Size	: 490 mm L x 425 mm W x 0.5 mm Thick. (2 Nos.)
k. Hopper Type	: Open Hopper – Gravity Feeding.
l. Overall Dimensions	: 1200mm Length x 1000mm Width
m. Overall Height	: Charging Height 5 Feet & Discharging Height 3 Feet from ground level (as per your requirement).
n. Finish	: 180 grit internal & external.
o. Castor Wheel	: PU Wheels with S.S. 304 Bracket Assembly – 4 Sets
p. Base Structure	: SS 304 (Tubular Leg of 30 mm Dia. And 1250 mm Length to resist the load of machine.)
q. Process Chamber	: Made of 6mm Thick S.S. 316 Plates



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