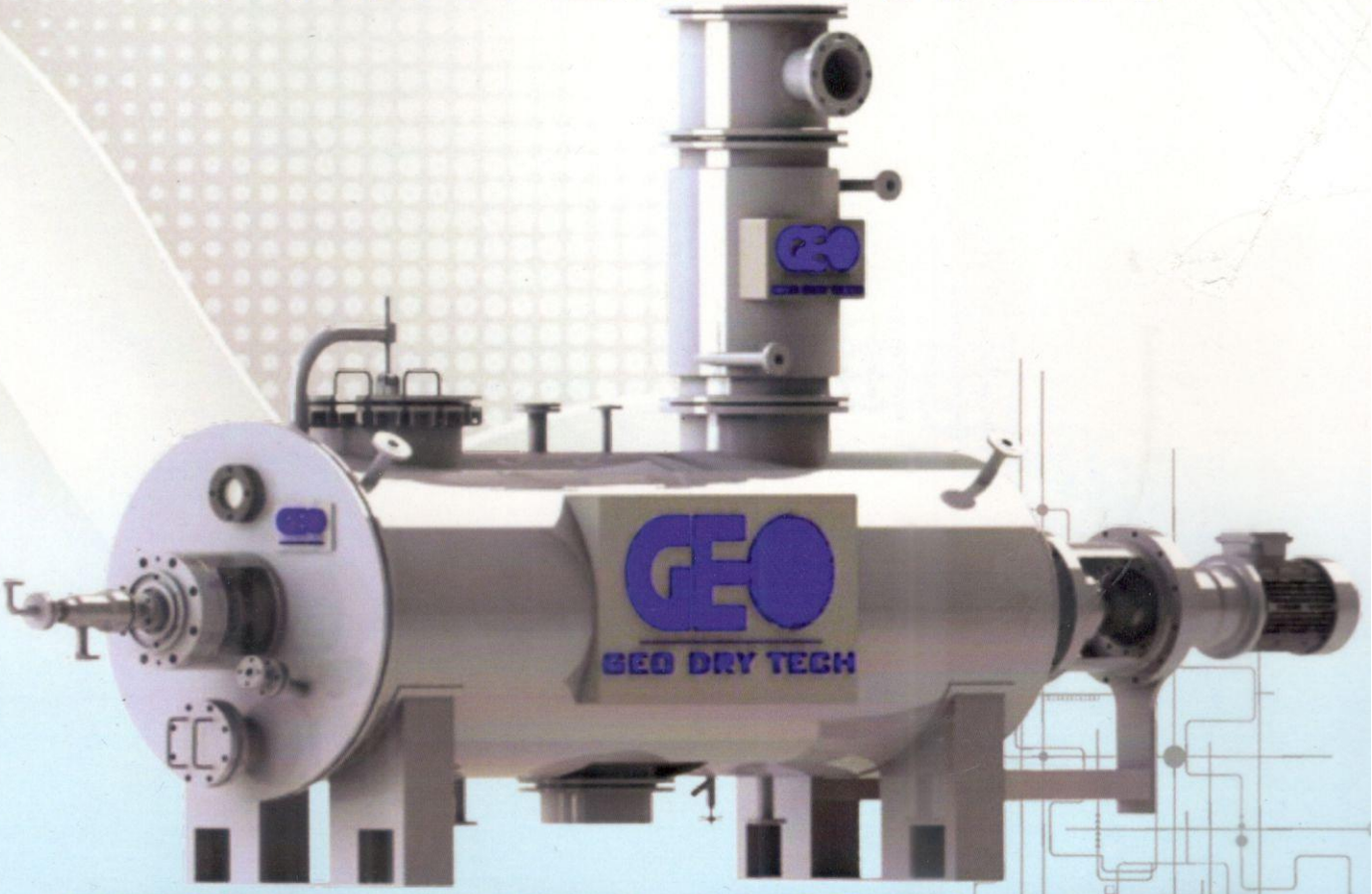
ROTARY VACUUM PADDLE DRYER





- CHEMICAL DRYER
- PESTICIDES DRYER
- MINERALS DRYER
- HERBAL DRYER
- DYES AND PIGMENTS DRYER
- AGRO CHEMICAL DRYER
- PHARMACEUTICAL DRYER

GEO
GEO DRY TECH

www.geodrytech.com

Rotary Vacuum Paddle Dryer

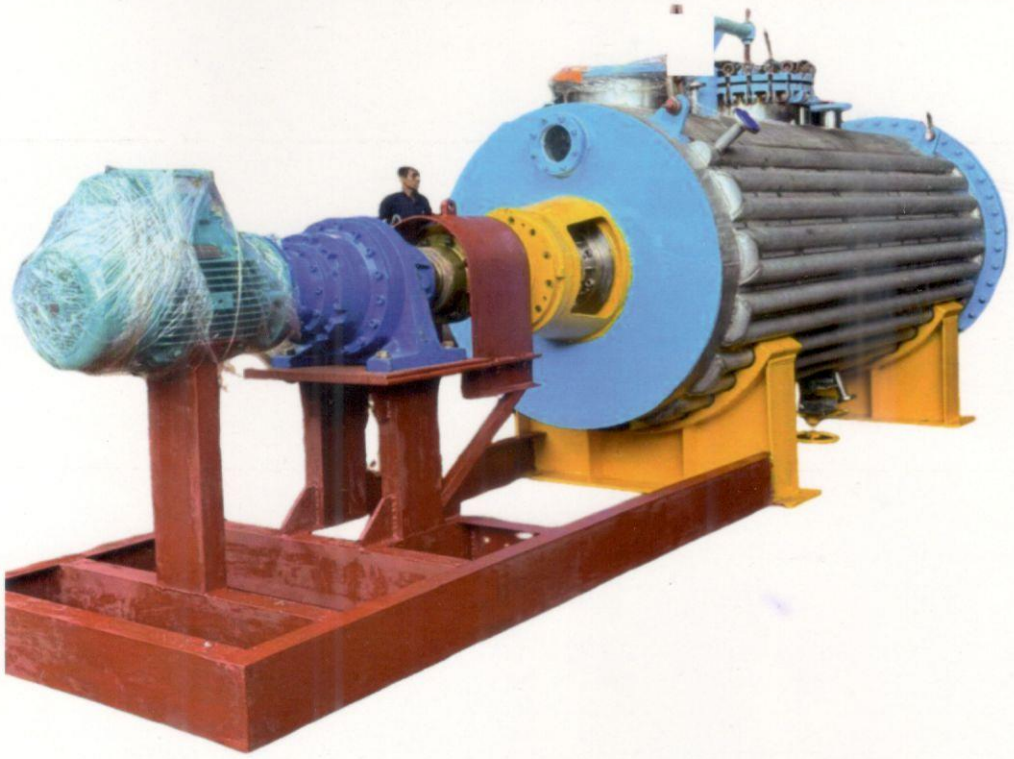
Comprising of horizontal cylindrical shell with suitable ends, slow speed paddle agitator is designed for mixing, drying, discharging the products. This is used for making dry powder from wet cakes or slurries, in batch type operation often under vacuum. Product is heated from outside through shell ends and from inside through shaft– paddles, by means of steam or hot oil. Product filter, condenser, receiver and vacuum system are part of drying operation. Optional mechanical chopper cum deagglomerator can be provided for breaking lumps formed while drying.

- Externally heated through jacket/limpet coils
- Internally heated Agitator shaft for maximum heat transfer area
- Dries and conveys for discharge
- Efficient rotary joint to inject heating media into agitator and remove condensate
- Pre piped with heating medium inlet to dryer and condensate out to headers
- Quick opening manual discharge valve and charging door for minimum manual handling
- Chain sprocket drive through speed reducers and motor
- Direct drive through speed reducer and motor
- Control panel totally prewired for ease of performance taking into account safety factors







GEO DRY TECH

For scheduling pilot plant trial of your product please write us to

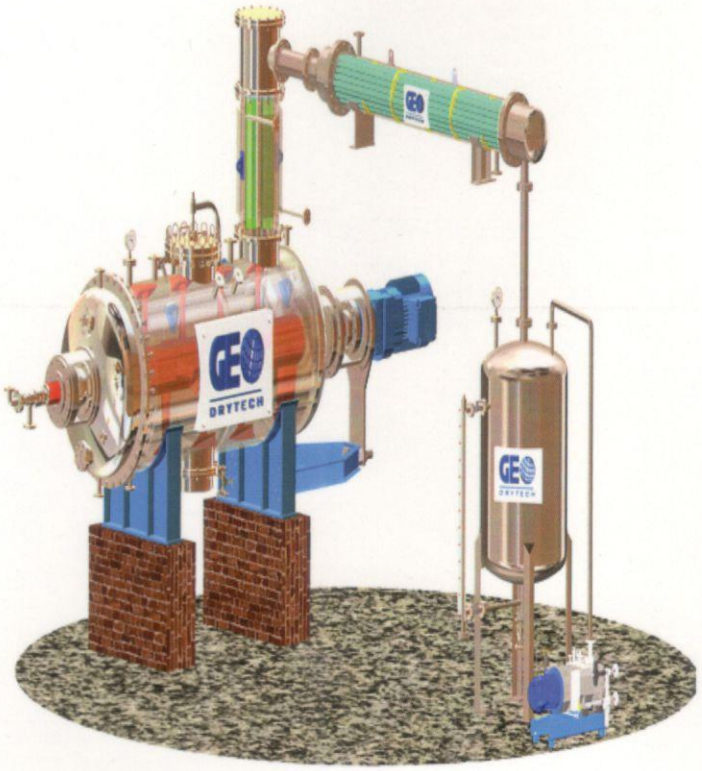
geodrytech@gmail.com, info@geodrytech.com

GEO DRY TECH Pilot Plant – Rotary Vacuum Paddle Dryer

The Pilot Plant at GEO DRY TECH enables semi-commercial production in quantities to a few kilograms (minimum 40 Kgs). The pilot facilities are computer monitored and under superiors observations, thus providing reliable engineering data on new processes for scale-up to production level. The production may be based on process development at GEO DRY TECH according to the customer's request and specification or on process data supplied by the customer and verified on a small scale at GEO DRY TECH. In both cases the operation is carried out in full coordination with the customer.

The Pilot Plant Apparatus Facility available

Rotary Vacuum Paddle Dryer pilot plant ranging in size from 40 Kgs to 100 Kgs
Stainless Steel Equipment .
Utilities: Steam (200°C),Hot Water(90°C), Thermic Fluid Oil (200°C),
liquid nitrogen cooling unit (-60°C), vacuum (720 mm of Hg) .



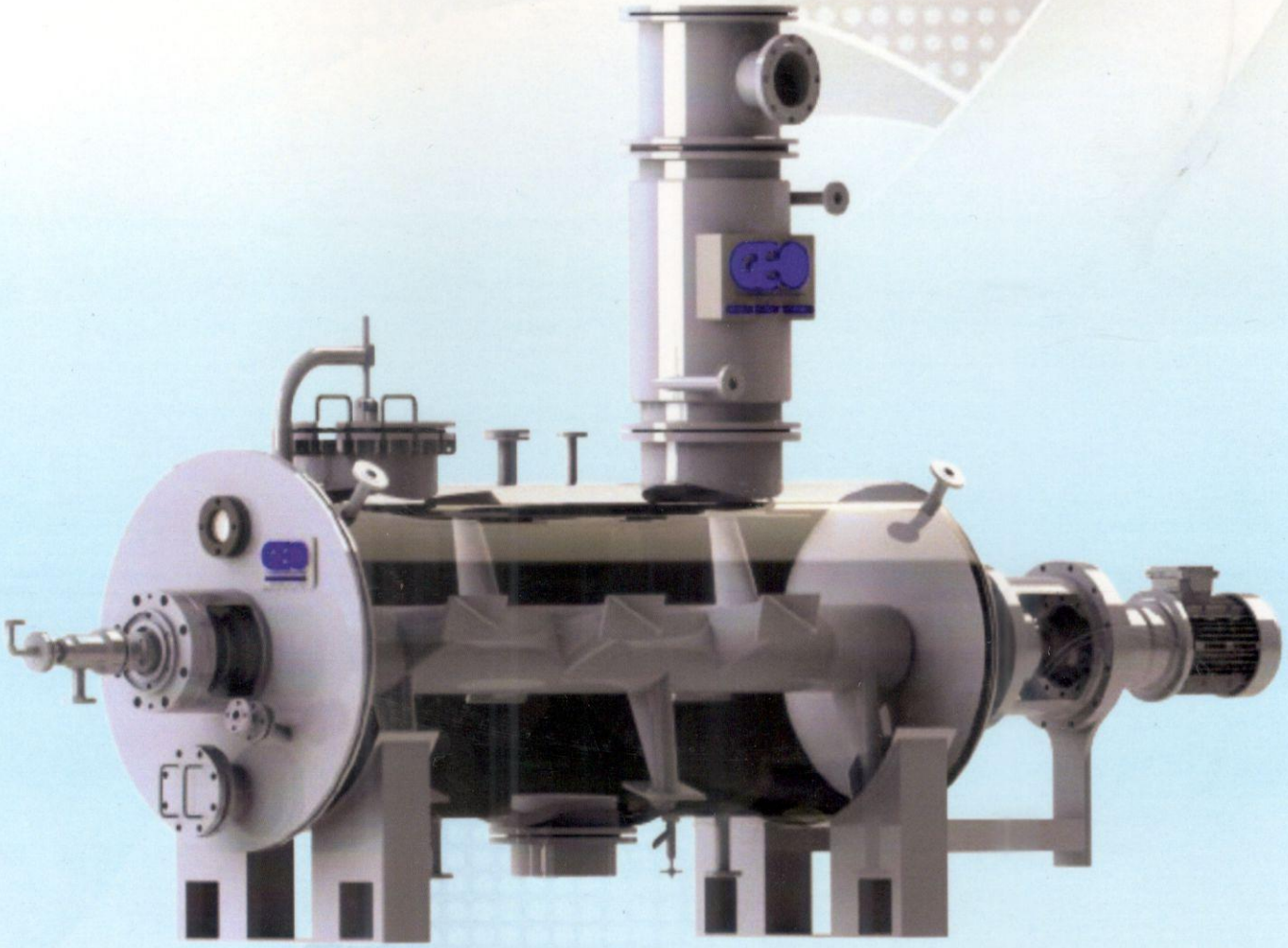


ROTARY VACUUM PADDLE DRYER (PILOT PLANT VIEW)

GEO DRY TECH

TECHNICAL SPECIFICATION:

MODEL	GEO 500	GEO 750	GEOD 1000	GEOD 1500	GEOD 2000	GEOD 3000	GEOD 4000	GEOD 5000	GEOD 6000	GEOD 8000	GEOD 10000	GEOD 12000	GEOD 15000
Total Volume (Litres)	500	750	1000	1500	2000	3000	4000	5000	6000	8000	10000	12000	15000
Working Volume (Litres)	200	300	400	600	800	1200	1600	2000	2400	3200	4000	4800	6000
Shell Diameter (mm)	650	725	800	900	1000	1100	1250	1250	1550	1600	1800	1950	2200
Shell Length (mm)	1500	2000	2000	2350	2600	3200	3300	3500	3750	4150	4500	4650	4700
Main drive Motor (HP)	5HP	5HP	7.5HP	7.5HP	10	15	20	25	40	50	60	60	75



GEO DRY TECH

Office Address : Office No. 05, Ground Floor, Shree Balaji Krupa, Plot No. 28, Sector 22, Kamothe, Navi Mumbai - 410209. Maharashtra, India

Enquiry : + 91 7304 906 345 | + 91 8104 283 693 | +91 8850 248 211

Technical Support : + 91 9823 410 735

Factory Address : Survey No 48/2, Village Durshet, Khopoli - Pali Road, Khalapur, Raigad - 410203. Maharashtra, India

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