

## ROTOCONE VACUUM DRYER

### WORKING:

Roto cone vacuum dryer is suitable for drying of material which cannot resist high temperature, materials which are easily oxidized, volatile materials which should be retrieved, materials that are strong irritants and poisonous in nature. The roto cone dryer with improved technology integrates during operation under vacuum. The Roto cone dryer facilitates enhanced drying efficiency, low temperature operation and economy of process by total solvent recovery. The drying unit equipped with lump breakers breaks large lumps and subsequently powders them. The rotary action of dryer together with mechanical action of breakers cuts down drying time and give lump-free product.

### ADVANTAGES:

- \* Reduces drying time
- \* Eliminates need for re-drying lumps
- \* Handling and exposure of final product is avoided
- \* Gives uniform size dry product
- \* System can process crystalline or amorphous powders which are prone to lumps
- \* Easy to clean internal surface ensures purity of product
- \* Uniform material shuffling over heated contact surface of the cone.



### APPLICATION:

- Pharmaceuticals
- Fine chemicals
- Dyes
- Food & Allied Industry
- Pesticides

Model No.	Volume (Ltrs)	Capacity (Kg)	Heat Transfer (m <sup>2</sup> )	Main Drive Motor (HP)	Lump Breaker Motor (HP)
RCVD-100	100	30	3.5	2	
RCVD-300	300	100	5	3	0.5
RCVD-500	500	175	6	5	0.5
RCVD-1000	1000	350	8	7.5	1
RCVD-2000	2000	700	11	10	2
RCVD-4000	4000	1300	17	20	5