Drying

ROTO CONE VACUUM DRYER

The improved technology in Tapasya’s Roto Cone Vacuum Dryer integrates drying operation under vacuum. It facilitates enhanced drying efficiency for heat labile or heat sensitive products, low temperature operation and economy of process by total solvent recovery. It also helps cGMP - based working by achieving optimum dust control, while offering the advantage of efficient charging and discharging of material. The dryer is also available with an optional thermal medium system and is ideal for meeting the drying needs across various industries such as API, chemical, Food etc.
Features:

- Total cGMP finish construction
- All contact parts in SS 316L
- Jacket fabrication to accept varied heating sources
- Optimum and continuous vacuum maintenance during processing
- Working cone totally leak proof during operation
- Easy loading with quick discharge
- Uniform Material shuffling over the heated contact surface of cone
- Suitable size condensers and receivers for solvent collection
- Preventive controls on Energy heads to maintain operational efficiency
- Mechanical seals for vacuum and heating sides
- Vacuum / Gravity & Bin loading system for Minimal Material handling
- Can be offered in Nickel, Hastalloy, Titanium and Tantalum
- All rotating parts are provided with SS Guards for Operator Safety
- Interlocking with Drive through Proximity Switch

Benefits For You:

- Enhanced drying operation
- Total solvent recovery
- Economy of process
- cGMP compliant process
- Varied drying applications
Technical Specifications:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>GROSS CAPACITY (in Liters)</th>
<th>WORKING CAPACITY (in Liters)</th>
<th>OVERALL DIMENSIONS (in mm)</th>
<th>MOTOR</th>
<th>APPROX. WEIGHT (in kg)</th>
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<td>1600</td>
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Customised sizes available on request

Roto Cone Vacuum Dryer used in Industries:
- Pharmaceutical
- Nutraceutical
- Food
- Chemical
- Cosmetics