



ASCENT MACHINERIES & ENGG. SERVICES

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Rotary Vacuum Dryer (RVD)

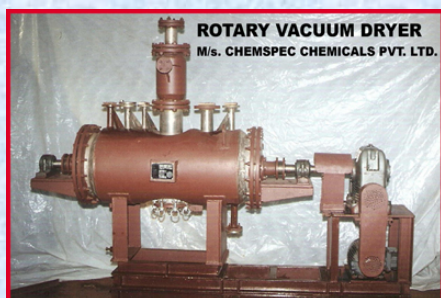


RVD : Our Rotary Vacuum Paddle Driers are one of the most efficient batch driers with optimum Solvent Recovery minimum Energy Consumption & Solid Losses.

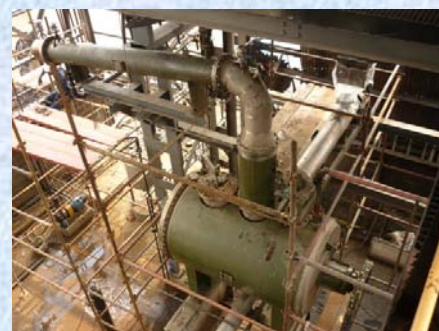
We can dry Heat Sensitive materials at Temperatures as low as 60°C Under Vacuum operation without changing the product properties due to exposure to elevated temperatures.

- :: The feed can be in the form of Wet Cake, Powder and Slurry
- :: Available from 100 ltrs. to 20000 ltrs. Gross Volumetric capacity
- :: Available in Conventional Chain Drives or maintenance - free Direct - Driven energy efficient shaft mounted Gearboxes

Application: RVD has some typical applications in pharmaceuticals, organic chemicals, pasty materials, insecticides, pesticides, solvent recovery, dye intermediates, dyestuffs and in others.



SALIENT FEATURES :
High Efficiency
Maintenance Free
MOC: SS-304/316 / MS
Clean & safe
Skid Mounted Easy to install
Less start up time
Compact & Clean so it can be install any very



The drying in a rotary vacuum dryer is a batch operation under vacuum. It is possible to dry heat sensitive materials at well below boiling points of water and solvents. Drying time depends on material being dried, amount of solvent or water to be removed, desired final moisture content, permissible jacket temperature etc. The dryer is available in sizes ranging from 100 liters to 20,000 liters gross volume. The volume of wet material loaded into the dryer is usually restricted to 40-45% of gross volume. Salient Features * Equipped with different designs of agitators depending on the material to be dried. * * Unique quick opening discharge valve permits direct packing of dry product into bags or drums. Breaker rods are provided to prevent lump formation and allow quick and complete drying. * Shaft sealing by mechanical seals is also available.