

North Ivory Celestial, Bangalore, acquired Paddle Dryer on 26.10.2016 from Dynatech Engg. Co., to dry their end product of paste type, at a temperature of 70 to 80° C and under vacuum. The product containing around 50% moisture to be dried to powder form.

The dryer is of 1000 Ltrs. total volume made of SS 316 with M.S Hot water jacket.

Dynatech supplied diesel heated hot water generator along with circulating pump.

The unit consists of a cylindrical SS 316 vessel with jacket, rotating paddle along with drive system, vacuum pump, Diesel heated hot water generator with circulating pump.

Dynatech also supplied finned tube air heater with blower along with paddle dryer to dry certain other product at a temperature around 40 to 50° C. Some products decompose beyond 40° C or so. The unit as such is capable of drying any product at a temperature from 35 to 80° C by using either vacuum pump or hot water generator.

Pankajakasthuri Herbals India (P) Ltd, Trivandrum, acquired on 16.11.2016 Paddle Dryer of total volume 2000 litre to extract pharmaceutical product at 80° C under vacuum. The unit's material of construction is SS 304 and GMP model.

Along with unit Dynatech supplied thermic fluid heated, hot water generator, stainless steel finned tube air heater, air blower, vacuum pump, water circulating pump, condenser and receiver.

The total system is of universal type and can handle heat sensitive product of 35° through 80° C and from liquid form to powder form. Depending on allowable temperature of a given product either vacuum pump or hot air generator will have to be used to achieve dry product.



Paddle Vacuum Dryer – 2000 Ltrs. SS 304