

GENIUS INDUSTRIES

Fruits & Vegetables DEHYDRATION PLANT



Dehydration of fruit and vegetables is one of the oldest forms of food preservation techniques known to man. Food preservation is the primary reason for dehydration, dehydration of fruits and vegetables also lowers the cost of packaging, storing, and transportation by reducing both the weight and volume of the final product. Given the improvement in the quality of dehydrated foods, along with the increased focus on instant and convenience foods, the potential of dehydrated fruits and vegetables is greater than ever.

ABOUT GENIUS



After more than 13 years of work experience at 100 years old Corporate Engineering industries, Genius Industries Established in 2013 and over decade of manufacturing the food precessing units with HVACR technology, has set the standard for manufacturing custom-designed Fruit-Vegetable and Food Dehydration systems at the highest levels of quality and value. Our highly experienced team has led the industry in manufacturing Heat pump Dehydrators, Freeze dryers, preparatory lines, Cold Chain equipment for Agriculture, Food, Pharma and many other industry.

OUR VISSION

**We will be a worldwide organization respected for
value service & product**



OUR MISSION

Create an organization where people
enjoy working for and doing business
with



MAJOR APPLICATION OF DEHYDRATION



Food Industry

Post Covid, Hygiene habits of people changed. Resulted in to rise in consumption of healthy food. Also the dehydrated food saves time of preparation in any process. Hotel, Restaurants, Food courts, And various hospitality institutions are prime customers



Pharma & Health care

Harbal products and raw material is in demand now a days. For any healthcare industry handling of raw material is crucial part and dehydrated raw material help them to maintain the cost of raw material handling. Supplement and Booster food consumption is rapidly growing.



Cosmetic

Because of allergic conditions, more and more people diverted towards Cosmetic products which uses raw material without chemicals. Dehydration helps producers to receive the chemical free raw material for processing.



Fertilizer & Chemical

Each part of agricultural produce is usable either as food for human or raw fertilizer for plants and medicine for animals. Dehydration helps the fertilizer & veterinary industry to get the quality material with optimum handling cost due to dried form.



HEAT PUMP DEHYDRATOR

SPECIFICATIONS	UNIT	GI025HPD	GI100HPD	GI300HPD	GI500HPD	GI1000HPD	GI1500HPD
Capacity	kg	25	100	300	500	1000	1500
Power Input	kW	230/1.5	400/3.5	400/7	400/10	400/18	400/22
Heat Output	kW	3.5	7.0	10	19	39	44
Rated Current	A	6	10	14	21	42	50
Cooling Cap.	kW	4.8	5.5	7.8	18	32	40
moisture drain	L/Hr	1.5	5	12	25	50	60
Trolley size	Mm	0	870 X 610 X 1750				
Tray size	Mm	750 X 660					
Trolley qty	Nos	0	2	06	12	20	36
tray per trolley	Nos	0	16	16	16	16	16
trays per dryer	Nos	16	32	96	192	320	576
Drying area	Sq Mt	2.8	10	47	95	158	284

OUR PROJECTS

Resin & Fruits Drying Unit
1000 Kg/ Batch

Sprout & Vegetable Dehydration Unit
500 Kg/Batch

Banana Dehydration Unit
300 Kg/ Batch x 3 Set

Vegetable & Fruit dehydration unit
200 Kg/ Batch

Vegetable & Fruit dehydration unit
100 Kg/ Batch

Continued.....

GET IN TOUCH



We genuinely care about you and your wellbeing.
Let us know how we can serve you better

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