



RAHEJA SOLAR FOOD PROCESSING PVT. LTD.

**NOURISHING INDIA'S
SOUL**



We started the company 5 years ago. We make solar dryers and help farmers earn more. If farmers are not getting reasonable rates or the product is not of good quality, they had to throw it away. When nature and farmers have worked hard the whole year on growing a crop and it is getting wasted. It becomes heartbreaking. We came up with the world's most affordable and portable solar dehydration system to solve this problem. Farmers can now dry out their produce instead of throwing it away. Our first goal is to figure out sustainable ways to avoid food waste. The second target is to increase farmers' income through value addition. Because if there isn't a reasonable monetary value the farmer won't sell his produce to us. We also train them how to dry up their produce and get its highest value. We provide a buyback facility to provide them a market linkage. Annually we dehydrate up to 1000 metric tonnes of product and increase farmers' income by 40%. Currently, 25,000 farmers are associated with us and we look forward to connecting with more.



Mr. Varun Raheja

Founder and Director,
Raheja Solar Food Processing
Pvt. Ltd.



ABOUT US

Raheja Solar Food Processing is a social enterprise company that started six years back with the idea to empower the farmers of India and ensure their prosperity. We help the farmers by uplifting them by reducing their post-harvest loss.

In our intervention, we provide farmers with the most affordable and DIY foldable solar dryer to create value-added products from the produce which otherwise goes to waste or is sold at low prices. Our Raheja Solar Dryer dehydrates their produce without losing their natural color, taste, fragrance, and nutrient and gives them at least one-year shelf life instead of one week in fresh form.

Over the years we have created an impact on 25,000+ farmers' lives by solving their problems and giving them the correct market price.

We have created 150+ self-earning entrepreneurs through the implementation of our solar dryers. We have reduced 250+ T of food wastage and mitigated 180 MT of CO2 emissions.

We are a profit-earning company at the growth stage of our business venture. In the current scenario, our Y-o-Y sales margin is around (40%). We are a team of 30 team members and growing at a rapid pace.





OUR SERVICES

Solar Dryers

We have a wide range of Solar dryers of different capacities that serves domestic as well as commercial purposes.



Solar Drying Techniques Training

To get the high-quality dried products from the farmers, we give them 1-on-1 training on how to dry their produce.

Solar Dried Products Market Support

To get the highest value for your highest quality product we have a buyback policy that creates a hazard free market for your products.





OUR SOLAR DRIED PRODUCTS



SOLAR DRIED FRUITS

SOLAR DRIED HERBS AND FLOWERS



SOLAR DRIED VEGETABLES AND SPECIES

SOLAR DRIED FRUITS

Ripened Solar dried Banana

- Bananas contain essential nutrients that may enhance heart health, help manage blood pressure, and boost a person's mood, among other benefits.
- Procured from organic farm fields of Odisha, Gujrat and Uttar Pradesh.
- Dehydrated upto 15% of moisture we have consistent supply of organically grown and naturally preserved banana from our farmers.
- In our inventory we have **15 Tons** of banana with shelf life of more than a year and preserved taste, nutrition and colour.



Ripened Solar Dried Mango

- Rich in vitamins, minerals, and antioxidants.
- Procured from organic farms of Uttar Pradesh, Andhra Pradesh and Telangana which are known to have the best quality mango production.
- Processed freshly on the farm with moisture content to 5%. and drying time of 2 days.
- In our inventory we have availability of **15 tons** of mangoes.
- Tested in the laboratory with the shelf life of an year and we can provide more as per your inventory demand.



Solar Dried Black Grapes

- Procured from the city of grapes Nashik, Maharashtra the dehydrated black grapes are of export quality with guaranteed shelf life of over an year.
- Grown with care without any added chemical and preserved naturally by the farmers .
- With 10% moisture content these grapes have a drying time of 8 days.
- We have **20 tons** of black grapes in our inventory with moisture of 5% and a big farmer's network for consistent supply on your inventory demand.



Solar Dried Orange Slices

- High in fiber content, Vitamin C and helps in synthesis of collagen in the body the dehydrated oranges in our inventory are organically grown and naturally preserved.
- With the moisture content 2-3% the tanginess, natural colour and natural fragrance of the fruit is preserved for over an year.
- We have availability of **15 tons** of premium quality dehydrated oranges with surety of regular supply on your inventory demand.



Solar Dried Pineapple Slices

- Pineapple is a rich source of vitamin C, manganese, and enzymes that help aid digestion.
- Grown organically in the forest fringes of Odisha and dehydrated naturally keeping the moisture content to 10%.
- With the shelf life of one year we have the availability of **18 tons** of pineapple in our inventory and also we have assets for the consistent supply as per your inventory demand.



Solar Dried Apple Slices

- Apples contain fiber, vitamin C, and antioxidants.
- Kashmir apples are famous for their taste and nutrition all over the world. Procured straight from the valley of Kashmir the naturally preserved apples have a shelf life of more than a year and moisture content of 10%.
- We have an inventory of **10 tons** of apples.



Solar Dried Strawberry

- The vitamins, minerals, and antioxidants in strawberries can provide important health benefits.
- Procured from the organic farms of Maharashtra, Himachal and Uttarakhand strawberries have 10% of moisture content and 1 year of shelf life with full retention of colour, taste and fragrance.
- We have availability of **10 tons** of strawberries in our inventory.



Solar Dried Blue Berry

- The vitamins, minerals, and antioxidants in these berries can provide important health benefits.
- Procured from the organic farms of Kashmir valley these have 10% of moisture content and 1 year of shelf life with full retention of colour, taste and fragrance.
- We have availability of **10 tons** of blue berries in our inventory.



Solar Dried Black Berries

- The antioxidants, vitamins, and minerals found in blackberries deliver a variety of health benefits.
- Procured straight from the valley of Kashmir the naturally preserved berries have a shelf life of more than a year and moisture content of 10%.
- We have a inventory of **10 tons** of dried black berries.



Solar Dried Cranberries

- Dried cranberries provide a plethora of benefits such as weight control, reducing the risk of cardiovascular diseases, boosting the immune system.
- Procured from the organic farms of Kashmir these have 10% of moisture content and 1 year of shelf life with full retention of colour, taste and fragrance.
- We have availability of **10 tons** of cranberries in our inventory and consistent supply to fulfil demand as per your inventory..



Solar Dried Lemons

- With the abundance of Vitamin C, its antioxidant and anti-inflammatory properties can help reduce wrinkles, dark spots, and open pores.
- Procured from the organic farms of Andhra Pradesh and Telangana these have 5% of moisture content and 1 year of shelf life with full retention of colour, taste and fragrance.
- We have availability of **20 tons** of lemons in our inventory and consistent supply to fulfil demand as per your inventory..



SOLAR DRIED HERBS AND FLOWERS

Solar Dried Rose Petals

- Dried rose petals are rich in antioxidants and vitamin C, which help to brighten the skin and reduce inflammation.
- Grown 100% organically and preserved naturally rose petals have 0% moisture and are procured exclusively from Rajasthan and Uttar Pradesh.
- With the retention of natural colour and fragrance the rose petals have a shelf life of more than a year.
- We have availability of **20 tons** dried rose petals in our inventory and consistent supply for more of your inventory demand.



Solar Dried Moringa Leaves

- Rich in Vitamins, minerals and amino acids, moringa leaves are known for weight loss.
- Organically grown solar dehydrated leaves are procured from Chhattisgarh, Uttar Pradesh and Madhya Pradesh.
- The natural colour, fragrance and nutrition is retained for over a year.
- With 0% moisture moringa leaves are available to **10 tons** and can be procured more as per the inventory demand.



Solar Dried Mint Leaves

- Mint's health benefits range from improving brain function and digestive symptoms to relieving breastfeeding pain, cold symptoms and even bad breath.
- Procured from organic farms of all over the country with 2-5% moisture the colour, fragrance and flavor is retained for a year in these solar dehydrated mint leaves.
- We have the availability of **10 Tons** with capacity to supply more on inventory demand.



Solar Dried Lemongrass

- Lemongrass is antimicrobial and contains substances that are thought to relieve pain and swelling, reduce fever, improve levels of sugar and cholesterol in the blood.
- With 2-3% moisture these organic and naturally dried lemongrass has a shelf life of over a year and the fragrance, color and nutrition is retained as fresh grass.
- We have a capacity to provide **10 tons** of lemongrass and more on inventory demand.



Solar Dried Curry Leaves

- Highly effective in reducing blood glucose levels. They also boost the activity of insulin, further helping patients with diabetes.
- Organic production and natural preservation from all over the country.
- With 5% moisture content fragrance, colour and nutrition is retained for over a year.
- We have an inventory of **10 tons** of curry leaves and capacity to supply more on demand.



Solar Dried Jasmine

- Procured from organic farms of Uttar Pradesh dried jasmine is rich in antioxidant and anti-inflammatory properties.
- With 5% moisture content fragrance, colour and nutrition is retained for over a year.
- We have an inventory of **10 tons** of jasmine and capacity to supply more on inventory demand.



Solar Dried Hibiscus

- Procured from organic farms of Uttar Pradesh, Madhya Pradesh and Himachal solar dried hibiscus have a beneficial effect on kidneys.
- It might reduce serum triglycerides, total cholesterol, and lipids.
- With 5% moisture content fragrance, colour and nutrition is retained for over a year.
- We have an inventory of **10 tons** of hibiscus and capacity to supply more on demand.



Solar Dried Blue Pea

- Rich in antioxidant and anti-inflammatory properties blue peas are procured from organic farms of Uttar Pradesh.
- With 5% moisture content fragrance, colour and nutrition is retained for over a year.
- We have an inventory of **10 tons** of blue pea and capacity to supply more on demand.



SOLAR DRIED VEGETABLES AND SPECIES

Solar Dried Onion

- With 0% moisture content our organically grown and naturally preserved onion is procured from the farmers of Madhya Pradesh, Maharashtra and Chhattisgarh.
- The sweet and spicy flavor of the onion and the colour is retained for over a year of storage.
- Rich in antioxidants it helps in curing problems of circulatory systems.
- Laboratory tested we have availability of **20 tons** of onion and capacity for more and consistent supply on inventory demand.



Solar Dried Garlic

- Our naturally preserved and organically grown garlic is procured from the farmers of Madhya Pradesh, Gujarat and Chhattisgarh.
- With 0% moisture content the tanginess, colour and nutrition is retained for over a year of storage.
- Ginger has numerous health benefits like reducing blood pressure, cardiovascular diseases like heart attacks and strokes.
- We have availability of **10 tons** of garlic and capacity for more and consistent supply on demand.



Solar Dried Ginger

- Along with antioxidant and anti-inflammatory properties ginger helps in treating different forms of nausea.
- The ginger procured from the farmers is grown without use of any chemical fertilizer and is preserved without any chemical preservative.
- With the retention of flavor and nutrition the ginger have 0% moisture content and is available to **10 tons** in our inventory.



Solar Dried Tomato

- Along with antioxidant and anti inflammatory properties ginger helps in treating different forms of nausea.
- The ginger procured from the farmers is grown without use of any chemical fertilizer and is preserved without any chemical preservative.
- With the retention of flavor and nutrition the ginger have 0% moisture content and is available to **15 tons** in our inventory with consistent supply.



Solar Dried Cinnamon stick

- Procured from organic farms of Arunachal Pradesh, with 10% moisture content cinnamon sticks are naturally preserved.
- It has powerful medicinal properties and is an important spice in Indian households.
- The flavor, colour and nutrition is retained for over a year.
- We have **10 tons** of these in our inventory and consistent supply chain to fulfill demand for more.



Solar Dried Black Pepper

- It is also organically and naturally grown and preserved in the hills of Arunachal Pradesh.
- Having numerous health benefits black pepper have 5% moisture content and shelf life of more than a year.
- We have availability of **10 tons** black pepper and consistent supply chain to fulfill demand for more.



Solar Dried Basil

- Our naturally preserved and organically grown basil is procured from the farmers of all over the country.
- With 0% moisture content the flavor, colour and nutrition is retained for over a year of storage.
- Basil has numerous health benefits i.e. good for the respiratory system and can be consumed as herbal tea with or without other herbs.
- We have availability of **10 tons** of basil and capacity for more and consistent supply on demand.



Solar Dried Chilly

- Procured from organic farms of Jharkhand, Chhattisgarh and Madhya Pradesh with 5% moisture content these are naturally preserved.
- It has various medicinal properties and is an important spice in Indian households.
- The spiciness, colour and nutrition are retained for over a year.
- We have **15 tons** of these in our inventory and consistent supply chain to fulfill demand for more.



Solar Dried Raw Mango Powder

- It is also organically and naturally grown and preserved and procured from Andhra Pradesh and Telangana.
- With numerous health benefits raw mango powder have 0% moisture content and shelf life of more than a year.
- We have availability of **15 tons** and consistent supply chain to fulfill more inventory demand.



Solar Dried Okra

- Our naturally preserved and organically grown okra is procured from the farmers of all over the country.
- With 10% moisture content the flavor, colour and nutrition is retained for over a year of storage.
- Rich in proteins and carbs, we have availability of **15 tons** of okra and capacity for more and consistent supply on inventory demand.



Solar Dried Carrot

- With 5% moisture content these are naturally preserved.
- Rich in calories and Vitamin A, its taste, colour and nutrition is retained for over a year.
- We have **10 tons** of these in our inventory and consistent supply chain to fulfill more inventory demand.



Solar dried Bittergourd

- It is also organically and naturally grown and preserved and procured from Andhra Pradesh and Telangana.
- With numerous health benefits bittergourd have 5% moisture content and shelf life of more than a year.
- We have availability of **10 tons** and consistent supply chain to fulfill more inventory demand.



Solar Dried Brinjal

- Brinjal may help to lower the risk of many heart diseases such as heart attack and stroke
- It is also organically and naturally grown and preserved and procured from Andhra Pradesh and Telangana.
- With 5% moisture content and shelf life of more than a year.
- We have availability of **15 tons** and consistent supply chain to fulfill more inventory demand.



SOLAR DRYER RANGE

ANUJ - C5

The most beneficial solar dryer for all small-scale farmers. It is easy to install and can be operated by everyone.

1. Size: 2 x 4 sq. ft.
2. Maximum Temperature: 60 +- 10 Degree Celsius
3. Height: 30 (Ground height) + 16 inches (Tunnel height)
4. Solar Panel Capacity: 5 W
5. Air Flow: Forced Convection 5 V Fan,
6. Number of Fans: 1
7. Total Drying area: 8 sq. ft.



SAHAJ - C20

1. Size: 4 x 8 sq ft
2. Maximum Temperature: 60 +- 10 Degree Celsius
3. Actual Size of solar dryer: Width: 46.5 inches
4. Length: 102 inches
5. Height: 30 (Ground height) + 16 inches (Tunnel height)
6. Solar Panel Capacity: 10 W 12 V
7. Air Flow: Forced Convection using 12 V Fan,
8. Number of Fan: 1
9. Total Drying area: 20 sq. ft.



SAMAGRA - C40

Perfect for large-scale farmers or small-scale industries.

1. Size: 4 x 16 sq. ft.
2. Maximum Temperature: 60 +- 10 Degree Celsius
3. Actual Size of solar dryer: Width: 46.5 inches; Length: 204 inches; Height: 30 (Ground height) + 16-inch Tunnel height)
4. Solar Panel Capacity: 15 W 12 V
5. Air Flow: Forced Convection using a 12 V Fan
6. Number of fan: 2



SAMAGRA - C80

1. Size: 4 x 32 sq ft
2. Maximum Temperature: 60 +- 10 Degree Celsius
3. Actual Size of solar dryer: Width: 77.16 inches
4. Length: 85.03 inches
5. Height: 30 (Ground height) + 16 inches (Tunnel height)
6. Solar Panel Capacity: 40 W 12 V
7. Air Flow: Forced Convection using 12 V Fan,
8. Number of fan: 4



SAMAGRA - 100 kg

1. Size: 4 x 40 sq ft
2. Maximum Temperature: 60 +- 10 Degree Celsius
3. Actual Size of solar dryer: Width: 46.5 inches
4. Length: 510 inches
5. Height: 30 (Ground height) + 16 inches (Tunnel height)
6. Solar Panel Capacity: 40 W 12 V
7. Air Flow: Forced Convection using a 12 V Fan,
8. Number of fans: 5



Agraj - D500

1. Size: 8 x 24 sq ft
2. Maximum Temperature: 50 +- 10 Degree Celsius
3. Actual Size of solar dryer: Width: 8 feet Length: 24 feet
4. Height: 7.5 feet
5. Solar Panel Capacity: 120 W 12 V
6. Air Flow: Forced Convection using 12 V Fan,
7. Number of Fan: 5 nos.
8. Total drying area with three vertical layers: 360 sq. ft





Agraj - D1000

For the higher capacity in an industry, this three-tier giant has the capacity to simultaneously dry up to 500 kg of produce in a single cycle.

1. Size: 12 x 32 sq ft
2. Maximum Temperature: 50 +/- 10 Degree Celsius
3. Actual Size of solar dryer: Width: 12 feet Length: 32 feet Height: 7.5 feet
4. Solar Panel Capacity: 120 W 12 V
5. Air Flow: Forced Convection using 12 V Fan, Number of Fans: 10 nos.
6. Total drying area with three vertical layers: 720 sq. ft.



Agraj - C500

For the higher capacity in an industry, this three-tier giant has the capacity to simultaneously dry up to 500 kg of produce in a single cycle.

1. Size: 8 x 24 sq ft
2. Cover Material: UV-stabilized Polycarbonate sheet.
3. Design: Polyhouse Tunnel shape
4. Air Flow: Forced Convection using Solar Panel
5. Outer Body: Aluminium pipe Metal
6. Stand: Powder Coated MS (Non-Toxic)
7. Absorber Tray: Stainless Steel 304 (Food Grade)
8. No. of trays: 30 Teek wood frame with SS 304 mesh
9. Installation: Ground Surface
10. Number of Fans: 5
11. Capacity: 500 kg (when used in 3 layers)

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