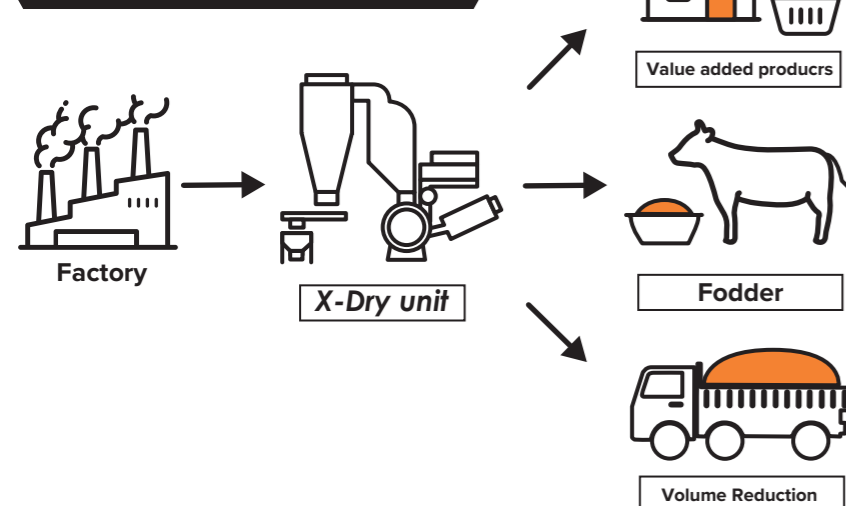


**XEN** BRAND

Heat Tech  
***X-Dry unit***



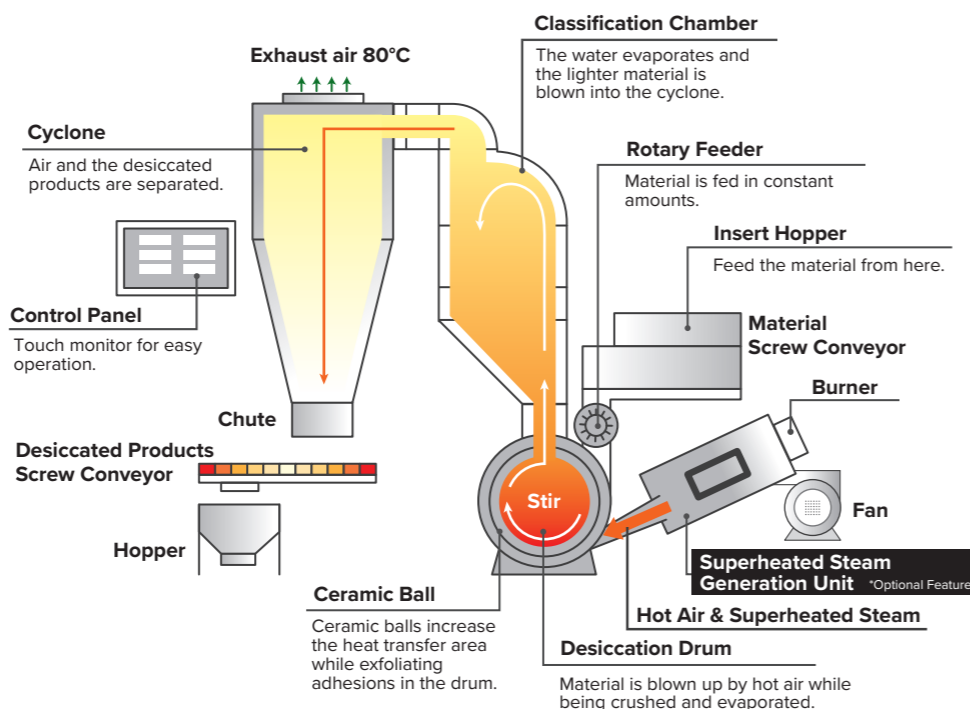
## How upcycling works



Waste from food factories contains a lot of water due to the water contained in the food itself and the water added during the manufacturing process. Although there are still some food that can be utilized, most of them are disposed of due to spoilage. We have developed Food Drying Machine as a way to make effective use of such waste.

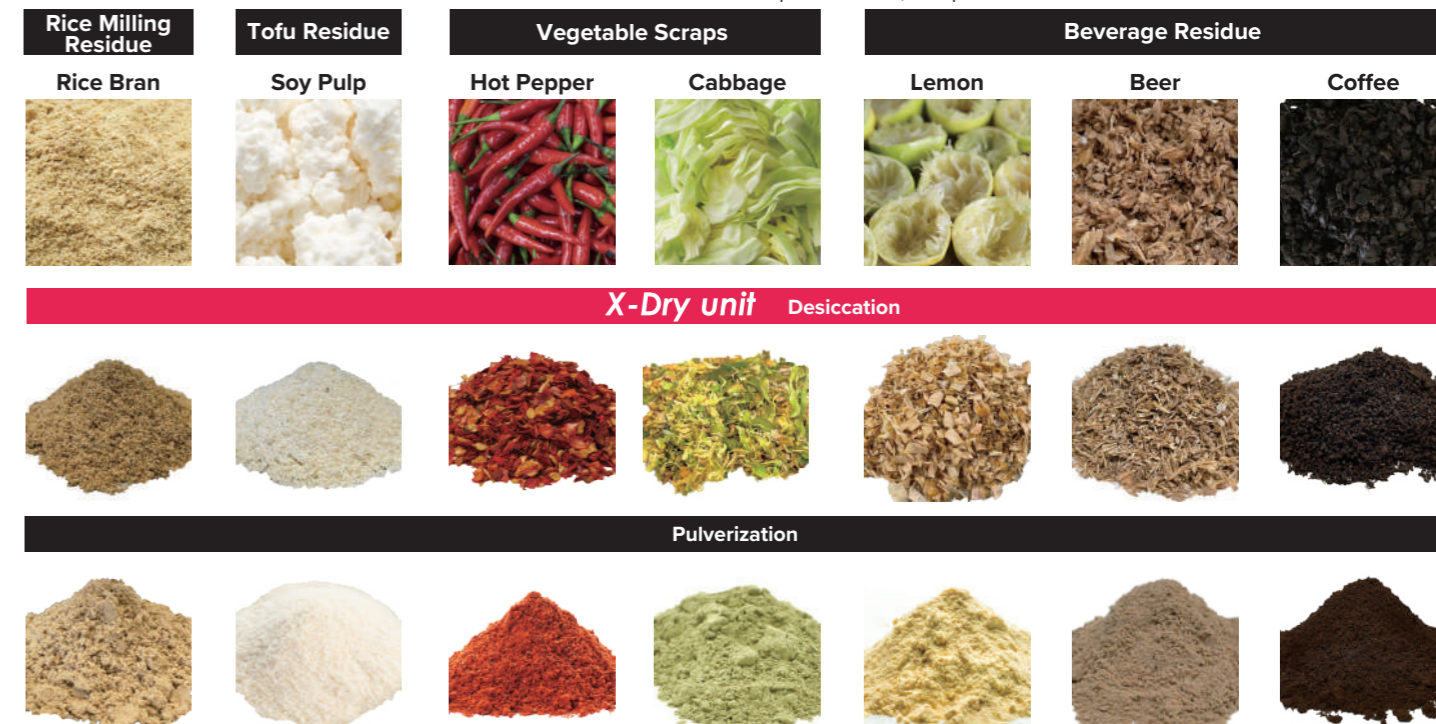
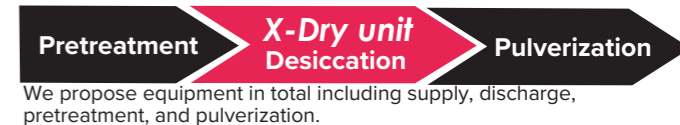
## Desiccation Mechanism

The material supplied by the rotary feeder is blown up by the classification chamber while being stirred by hot air and ceramic balls in the drying drum. Dried products whose moisture has evaporated are sent from the classification chamber to a cyclone and collected from the bottom, while the steam is exhausted from the top.



## Case of Desiccation

It is possible to upcycle food waste. Desiccation can be done while retaining the color of each food. By adjusting the particle size, various usage methods are created.



## Effective use of dried powder

### 1 Pumpkin Powder

By drying and powdering surplus and substandard pumpkins that would otherwise be disposed of in the production area, they can be effectively used in sweets and cakes.



### 2 Sugercane Bagasse Powder

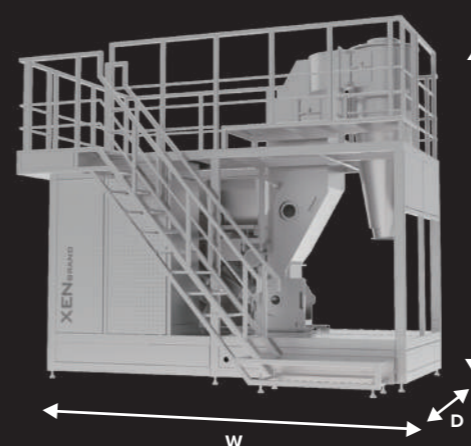
It contains 15 times more dietary fiber than burdock and 4 times more iron than liver, which makes it easy to add dietary fiber and iron to your daily diet.



## Features

- Speedy Desiccation**  
 Drying time is about 5 seconds.  
 Minimal damage on food.  
 High heat efficiency and no burning.
- Washable**  
 The whole device can be washed due to its simple structure.  
 Hygiene is also an advantage.  
 ※Automatic washing option is available
- Minimal unevenness in moisture content**  
 Heat is evenly applied to the material by the large volume of hot air and the stirring power of ceramic balls.
- Hard to Break**  
 The simple structure with few driving parts makes it difficult to break.
- Continuous Desiccation**  
 The production efficiency is high because a large amount of drying can be done quickly by a continuous system.
- Compact**  
 The device is very compact and can be installed in a limited factory space.

## Line Up



Model	XDU-50G	XDU-100G	XDU-150G	XDU-200G	XDU-300G	XDU-500G	XDU-600G	XDU-1000G	
Size mm	W	1520	2195	2500	3750	4000	6745	4000	6745
	D	1034	1275	1540	2450	2550	2750	5000	6000
	H	2208	2688	2830	3695	3850	4785	3850	4785
Electric capacity kW	2.6	2.8	4.3	4.3	6.1	12.1	12.2	24.2	
Average gas consumption kg/h	2.6	4.8	7.1	7.8	11.7	19.5	23.4	39.0	
Capacity kg/h	50	100	150	200	300	500	600	1000	

※Both natural gas and propane gas are available.  
 ※Gas consumption amount when using propane gas.