



Processing method	Thermal dehydrator
Configuration	The device is fully autonomus and easily modifiable
Load capacity	500 Kgs minimum – 1000 Kgs maximum
Average reduction	80-90 %
Processing time	16 hours on average
Electrical connection	Single phase 75 ampères / AC 380 V 50 Hz / 2 P + Neutral + Ground
Electrical consumption	38 Kw by hour
Dimensions (L x l x H) en cm	280 x 180 x 190 in centimeters
Weight in kg	1880
Material	Stainless steel
Safety equipment	CE – Automatic stop and security control
Drying method	Indirect air circulation (85 C) factory setting
Automated control	Intelligent touch control panel that automates the detection and control of dehydration processes. Automatic shutdown at the end of the cycle with visual indication.
Pannel order	Order ON : BP Starting (Option : delayed departure) - Réarming– unloading Cooling by BP - Temerature and programmal time adjustment
Treatment of odours	Integreated deodorization and total odor control
Water evacuation	At the back of the unit by connexion 15/21 Gaz
Treated foods	Food and organic waste (vegetable,fruit,bone,meat,shellfish,fish bones,bread,flowers,seaweed...)
Intreated waste	All plastics,metal,glass,petrochemical waste ...
Option – Consumption Kw	Optional integreated weighing - Optional consumption counter
Various options	To be defined together (Maintenance contract , etc...)
Guarantee	2 years in normal use.

USE

The unit G 1000 F is designed for use catering,hospital,large size supermarket ,school , restaurant, farmer and smallfood processing companies.

AVANTAGES

- Food waste treatment at the production site
- Simple,fast and easy to use by unqualified personnel
- Low maintenance
- Treatment without micro organism,enzymes or additives
- No effects on the environment
- 80 à 90 % volume reduction depending on humidity
- No air discharge
- The processed product is dry and stabilized for agronomic (fertilizer) or energy recovery (methanization or other)

METHOD

By thermal dehydration using electrical energy and by automatic control processes .The system is equipped with water recycling technology that uses the condensation and wich control the humidity in the processing during the process.Processing time varies on the amount of waste and their moisture content.Time is determined automatically.System shuts down and hold unloading when the humidity level residual is reached .The duration of treatment cycle varies between 16 to 23 o'clock.

TECHNICAL DESCRIPTIONS

The waste storage chamber is equipped with an agitator mechanical and a double insulated wall containing oil thermal.Entry and exit doors are sealed to contain odors and minimize consumption energy.

The system is equipped with a management system for air flow and odor neutralization.

To make the system work, you need only an electrical connection and a condensate drain.

FINISHING : All external surfaces are in 316 L stainless steel polished.