

# REVOZ SFi dryer

## REVOLUTIONARY DRYING

---

REVOZ revolutionizes the way we look at drying.

The super-fast drying process combines induction heating and compression in seamless design to directly translate heat from heating source to feed material without any heating medium (hot air, steam, thermal oil), turning wet substances to dry solids of >90% within 12mins while reducing waste volume of up to 80%.

Its versatility enables it to target a wide application range to treat almost all kinds of food waste, wet organic & inorganic feed-stock, converting them into high value by-products such as biomass, nutritional animal feed or fertilizers, letting you achieve more while using less.

It is an urbanized dryer to fit comfortably into commercial settings such as malls, food centres, hotels or restaurants. It is also capable of handling industrial scales with multiple drum configurations or customized solutions to meet unique requirements.

## SUPER-FAST *induction* dryer



**SINGENERGY CORPORATION PTE LTD** (A member of the Crescendas Group)

61 Tai Seng Avenue #05-13 Singapore 534167 Tel : +65 6692 6887 Fax : +65 6488 4555 Email: [info@singenergy.com](mailto:info@singenergy.com) [www.singenergy.com](http://www.singenergy.com)

The information contained in this brochure merely serves as a non-binding description of our products and without guarantee. Binding information, in particular relating to capacity, data and suitability for specific applications, can only be provided within the framework of concrete inquiries. Trademarks mentioned in this document are the property of Singenergy Corporation Pte. Ltd. 201100

# REVOLZ **SFi** dryer

## SHORT PROCESSING TIME

- Total process less than 12 mins

## HIGH ENERGY EFFICIENCY

- Induction heating is one of the most efficient heating systems
- No heating medium required – no heat loss to surrounding, piping, pump, heater etc.
- No heat on standby or reheating

## SIMPLE OPERATION

- Fully automated system
- User friendly interactive touchscreen
- Single-pass operation that avoids back mixing of dried product with wet feed
- Allows prolonged on-site storage, less maintenance, manpower and disposal trips

## FAST HEAT UP & COOL DOWN

- Instant heat-up from ambient to operating temperature in seconds
- Cools down to room temperature in minutes - enables maintenance and repair works to be conducted with minimal disruption

## VERY COMPACT

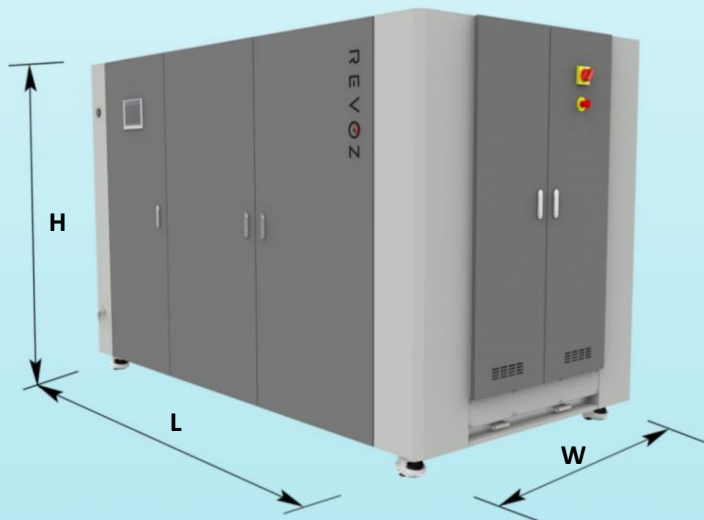
- No external heating unit
- Compact urban and industrial fit
- Plug and play, minimal auxiliary equipment, easy setup

## FLEXIBLE PROCESS

- Accepts wet substances with wide range of moisture contents up to 86%
- Delivers partial to fully dried products ranging from 40 % to more than 90 % dry solids without need for sorting

## WIDE APPLICATION

- **Biomass**  
Converts food waste animal dungs, organic sludge to high calorific value refuse derived fuel (RDF)
- **Animal/Aqua feed production**  
Converts wet feedstock into nutritious feed without chemicals/additives
- **Fertilizer production**  
Converts plant/animal-based waste into high quality fertilizers
- **Sludge**  
Treats organic/inorganic sludge (sewage sludge, palm oil sludge, paper sludge, biogas residual, digested manure, petrochemical and hydroxide sludge etc.)



## Specification

Model	RZ-108.06	RZ-110.12	RZ-110.16	RZ-112.20	RZ-212-20
Belt width [mm]	600	1,250	25% ds	30% ds	35% ds
Water removal capacity [kg/h]	19	58	76	125	250
Width W [m]	1.35	2.04	2.44	2.84	2.84
Length L [m]	3.23	3.53	3.53	3.80	5.15
Height H [m]	2.10	2.30	2.30	3.20	3.6
Weight [ton]	2.4	3.8	4.5	6.8	8.2

- Actual throughput and energy consumption depends on heating substance characteristics, input conditions and output requirements
- The model and specifications are subject to change without prior notice

