

TM SYSTEMS 2024

# INDUSTRIAL AIR, DRYING AND EMISSION CONTROL SOLUTIONS FOR SUSTAINABLE PRODUCTION

**SUPERDRYER™ - EMISSION-FREE  
DRYING TECHNOLOGY THAT INCLUDES  
AN INTEGRATED, ZERO-EX® EMISSION  
CONTROL SYSTEM**

Discover how our breakthrough, emission-free, odorless, and energy-efficient SuperDryer™ technology can dry your biomass. SuperDryer provides economic benefits through profitable biomass processing, as well as environmental benefits by conserving biodiversity and preventing climate change.

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# Do you have an idea for a great product that requires drying?

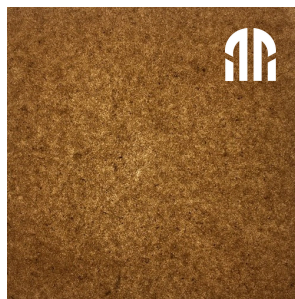
## SUPERDRYER IS A GAME-CHANGING DRYING SYSTEM FOR INDUSTRIAL BIO-BASED PRODUCTS

Turn sludges into **bioenergy** or **fertilizers**, create **recycled cellulose**, utilize agro-waste in **Bio-to-X solutions**, replace **virgin materials with recycled ones**, or design an **entirely new product**. You can also upgrade your outdated drying system for virgin biomass with SuperDryer and enjoy various benefits.

## SUPERDRYER™

### Technical Specification SD2000

<b>Evaporation capacity</b>	1 kg/s
	3 600 kg/h
	86.4 ton/d
	28 800 ton/a
<b>Material input range</b>	25-65 dry solids (%)
<b>Material output range</b>	50-98 dry solids (%)
<b>Energy consumption</b>	
<b>Thermal energy</b>	700 kWh/ton evaporated water
<b>Electricity (fans, pumps etc.)</b>	80 kWh/ton evaporated water
<b>Heat recovery</b>	Up to 100%
<b>Footprint</b>	w: 10m, l: 15m, h: 10m



## Options

- Parallel installations can be made to reach any production capacity needed
- Can be connected to multiple energy sources (when surplus energy available)
- Zero-Ex® for zero emissions
- Heat pump for water heating
- Water recovery

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