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Drying Technology  
RONDODRY

# RONDODRY

Rotary dryer for the treatment of liquid manure and digestates



Support feet with load cells



Integrated heating module with heat meter and circulation pump



Easy cleaning due to hinged frame



Patented rotary drum with grid-shaped surface structure



Rinsing out sediments via centrifugal pump

The liquid manure and digestate treatment installation RondoDry evaporates up to 4,000 m<sup>3</sup> of water annually. The RondoDry collects up to 70% of the ammonium nitrogen from the manure and thus contributes to significantly reducing the total nitrogen content. This unburdens the surfaces and significantly reduces transport and application costs. The expansion of storage capacity is avoided. After treatment, the liquid manure can still be applied using the existing technology.

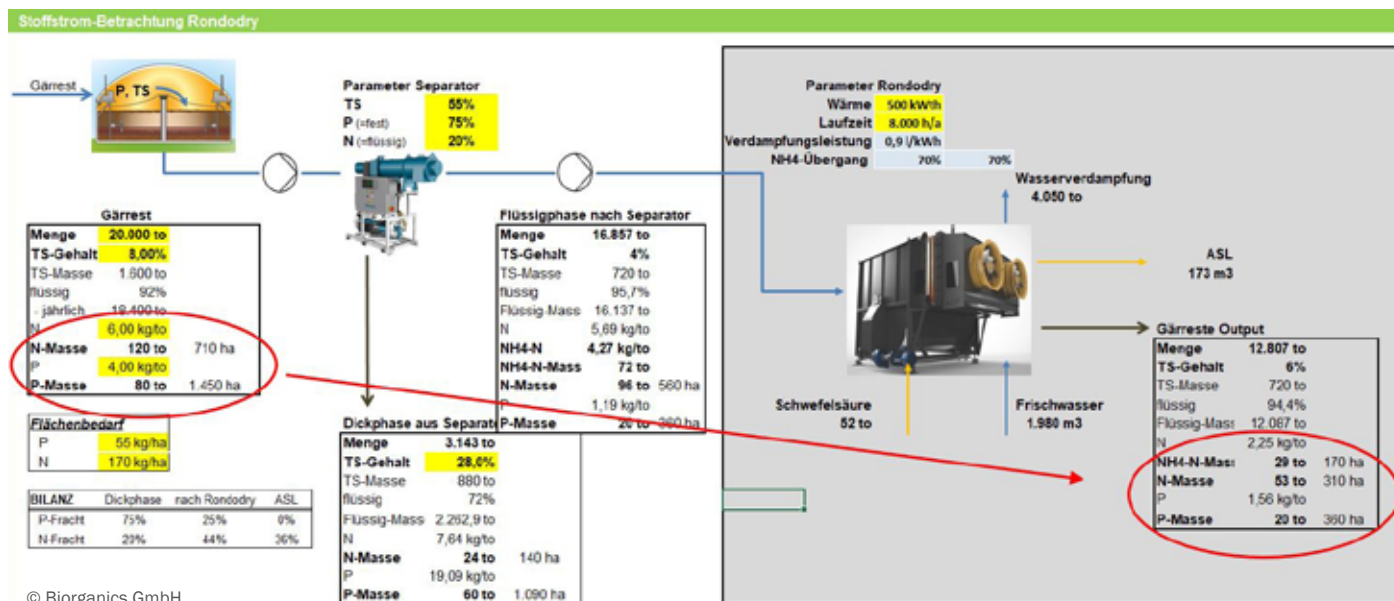


### Specifications

- ▶ High evaporation rate due to patented rotary drum with grid-shaped surface structure (approx. 400 m<sup>2</sup>) up to 1 kg of water per kWh thermal
- ▶ Short assembly and commissioning time due to modular design with integrated heat exchange unit, heat meter and circulation pump
- ▶ Cooling operation with residual heat consumption (Fliegl heat management)
- ▶ Fully automatic operation without additional staffing
- ▶ Safety device with WHG approval

### Advantages

- ▶ Saving of storage capacity
- ▶ Reduction of required application areas
- ▶ Bonus for sensible heat utilization
- ▶ KfW - funded as an energy efficiency measure
- ▶ Concentration of nutrients
- ▶ Saving of transport and application costs
- ▶ Reduction of up to 4,000 m<sup>3</sup> annually
- ▶ Modular construction





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