



# ByoFlex® 5 – Mobile Nitrogen Recovery Stripper System

Full scale ByoFlex® ammonia stripping unit.



## ByoFlex® mobile ammonia stripper

A flexible mobile unit to be used as:

#### **DEMO unit:**

- To demonstrate the ByoFlex® technology.

#### **RENTAL unit:**

- Temporary, longer term, CAPEX + OPEX savings.

#### **BUY unit:**

- Rental + buy option.

The ByoFlex® - a system from NSI Byosis - recovers ammonia from highly contaminated substrates, like industrial/ municipal wastewater or digestate from foodwaste/agricultural/WWTP-sludge digesters.

## Your ByoFlex® mobile benefits

- + Available on demand
- Ready to use within one week after delivery The unit is erected and commissioned within one week.
- 2-7 m³/h treatment capacity Flexible to variable N-NH, loading.
- 70-95% N-NH<sub>4</sub> recovery (no alkaline dosing)
  High performance and robustness with automatic start-up and shut-off.
- Heat recovery up till 90%
  Tuned for your requirement.
- **Operation & maintenance services**Including remote access.
- Recovers a valuable liquid circular fertilizer: ammonium sulphate or ammonium nitrate.









### **Contact us**

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#mission water

### **Industry applications**

- Industrial wastewater treatment plants
- Municipal wastewater treatment plants
- Digestate treatment