

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-NH₄ loading.
- +** 70-95% N-NH₄ 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

NSI Byosis B.V.

The Green East, Drosteweg 8, 8101 NB Raalte
The Netherlands

+31 851 30 23 82
info@byosis.com
www.byosis.com



#missionwater

Industry applications

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