

# GET MORE OUT OF YOUR BIOGAS SYSTEM

The new, optimised X-UNIT generates **more energy** from the same feed, at the same time providing **greater protection** from harmful contaminants.



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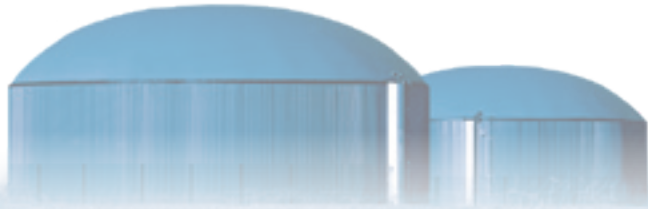
|   |        |
|---|--------|
| MAX. FLOW VOLUME<br>m <sup>3</sup> /h         | 1.250* |
| MAX. SPEED CUTTING BLADE<br>min <sup>-1</sup> | 3.000  |
| MAX. DIFF. PRESSURE<br>bar                    | 6      |

\* Figures apply with water as the medium

# CUTS EXTREMELY WELL AND RUNS LIKE CLOCKWORK



Modular, process-optimised and very durable:  
the new WANGEN X-UNIT.

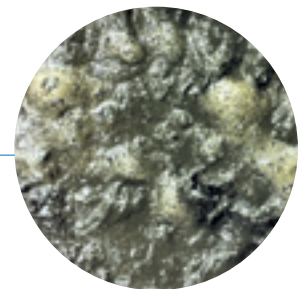
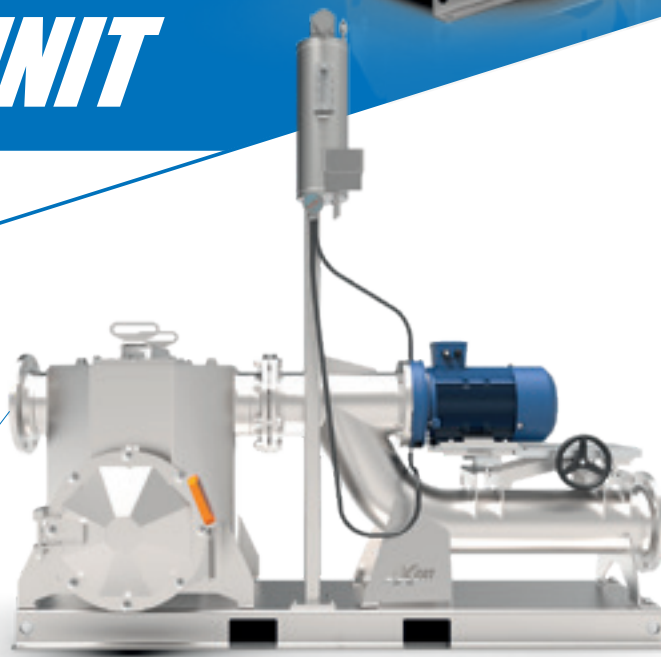


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## X UNIT



**Substrate before:**  
coarse medium interspersed  
with contaminants



**Substrate after:**  
finely chopped, porridge-like  
medium containing  
no contaminants

XTRACT



X CUT

## Low wear costs and low energy consumption optimise the efficiency of your system.

- **Low energy consumption** coupled with maximum substrate yield.
- **Durable, heavy-duty seal** with in-house developed cooling and lubricating function for extremely high-performance (up to 6 bar media-pressure).
- Cutting unit with rotating cutting blades speeds of up to **3,000 rpm** provide for excellent substrate digestion rates.
- **Large settling tank** with a large opening for the removal of foreign matter.
- Foreign matter is removed from the medium **without additional energy consumption**.
- **The ultimate ease of servicing**, thanks to rapid replacement of the cutting blade and sealing unit.
- **Galvanised components** for perfect, proven WANGEN-quality corrosion protection throughout.