

WANGEN  
PUMPS  
PRESENTS

BIOGAS  
HERO  
PRODUCTS



WANGEN PUMPEN



# NEXT LEVEL

BIOGAS   
PERFORMANCE

WANGEN  
**BIO-ROXX**

WANGEN  
**BIO-MIX 200**

# PUMPING GREEN ENERGY

NEW ADDITION TO OUR RANGE:  
THE BIO-MIX 200 FOR EVEN  
MORE CAPACITY

Wangen Pumpen has responded to the increasing demands in the biogas sector with a new pump capable of delivery rates of up to 150 cubic meters per hour. The BIO-MIX 200 thus achieves the highest possible flow rate in this pump class.

POWERED BY



**WANGEN PUMPEN**



# **100 % POWERFUL EFFICIENT UNIQUE**

Optimise your system capacity with the BIO-ROXX module or with the new BIO-MIX 200 pump. For reliable preparation of the substrate and smooth transport.

WANGEN

# BIO-ROXX

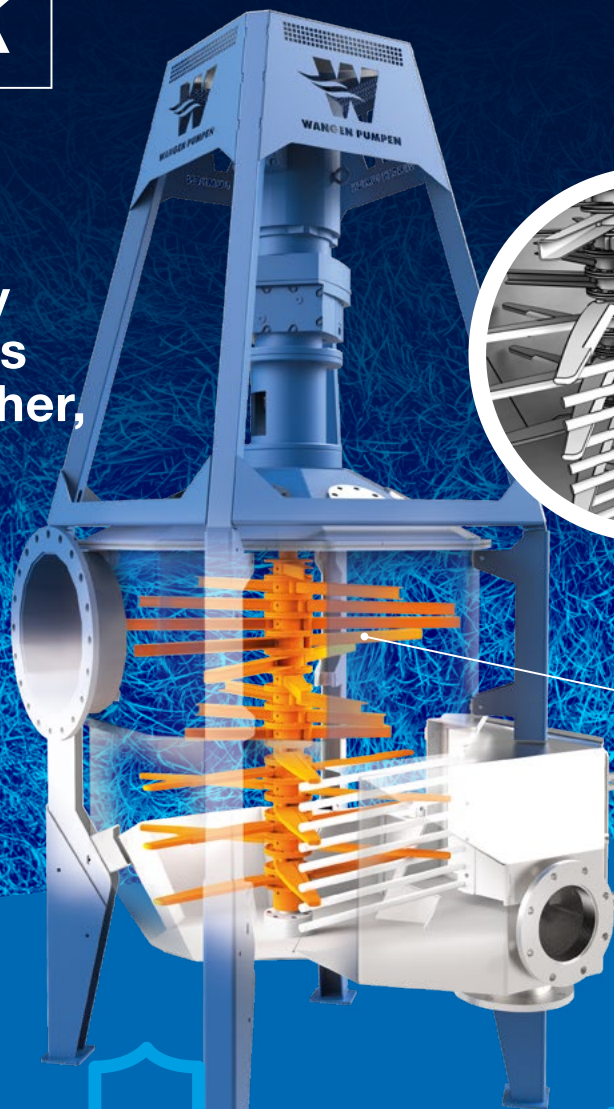
MAX.  
FLOW VOLUME  
m<sup>3</sup>/h

85

NOMINAL  
MOTOR POWER  
kW

7

Optimum  
preparation of  
the substrate by  
mixing the solids  
and liquid together,  
and separating  
contaminants.



STONE TRAP

AGITATOR



## MIX

The arrangement of the agitator struts ensures optimum preparation of the substrate.



## PROTECT

Contaminants are separated by the stone trap and removed even before the substrate reaches the pump.



## PROFIT

Increase the efficiency of your biogas plant to the maximum with the WANGEN BIO-ROXX or the BIO-MIX 200 pump.



WANGEN

# BIO-MIX 200

MAX.  
CAPACITY  
m<sup>3</sup>/h

150

MAX.  
DIFFERENTIAL PRESSURE  
bar

8

**Powerful pump  
to transport  
substrate to  
the fermenter.**



**LIQUID FEED**

**SOLIDS FEED**

## FEED

Solids and liquids are mixed in the hopper chamber. The dwell time increases and the substrate is evenly pumped onwards.

## TRANSPORT

Even varying substrates with differing dry matter content are transported with ease over long sections.

## MAXIMISE

The BIO-MIX 200 impresses with a throughput of up to 20 tonnes per hour and a minimum of wear and maintenance.

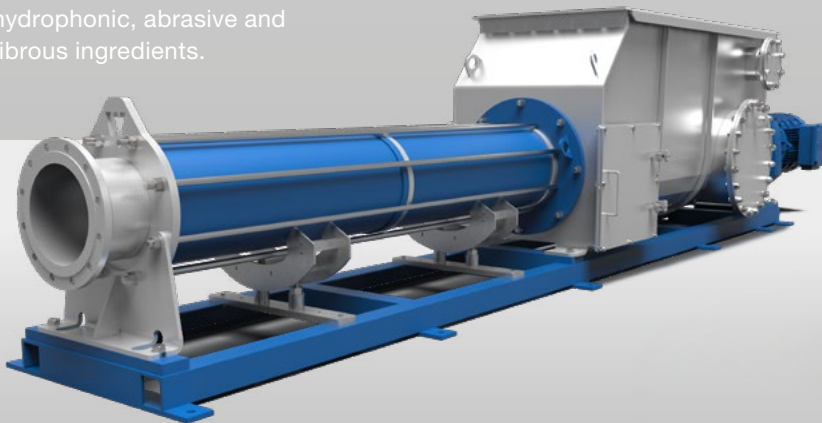
# A POWERFUL PAIR



WANGEN

## BIO-MIX 200

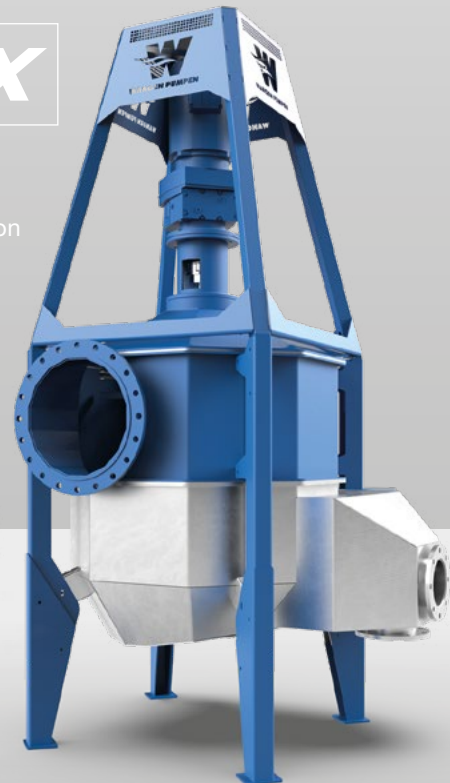
Durable pump to transport hydrophobic, abrasive and fibrous ingredients.



WANGEN

## BIO-ROXX

Reliable module to remove contaminants for optimum preparation of the substrate.



Part of the **Atlas Copco Group**



[WWW.WANGEN.COM](http://WWW.WANGEN.COM)



[www.pompy-przemyslowe.pl](http://www.pompy-przemyslowe.pl)

Pumpenfabrik Wangen GmbH  
Simoniusstrasse 17  
88239 Wangen im Allgäu  
Germany

Technical Support: +49 7522 997-0  
Service Hotline: +49 7522 997-0  
Spare Parts: +49 7522 997-896