PEMO PUMPS FOR BIOGAS AND BIOMETHANE PLANTS

Efficiency • Durability • Reliability

PEMO PUMPS

SINCE 1947

TECHNOLOGY FOR THE TRANSFER OF SLURRIES

BIOMETHANE FROM WASTE: A GROWING OPPORTUNITY

BIOMETHANE FROM WASTE IS RAPIDLY GROWING IN EUROPE.
PEMO PUMPS GUARANTEE CONTINUOUS AND SAFE
OPERATION UNDER THE HARSHEST CONDITIONS.

PEMO PUMPS

1- THE CHALLENGES

PEMO PUMPS: ENGINEERED TO HANDLE EVERY DEMANDING CONDITION WITH RELIABILITY AND EFFICIENCY:

1- ABRASIVE MATERIALS (SAND, GLASS, INERT SOLIDS)

→ CAN CAUSE EXCESSIVE WEAR AND PREMATURE FAILURE IN STANDARD PUMPS.

2- HIGH SOLID CONTENT SLURRIES

→ TEND TO CLOG OR OVERLOAD CONVENTIONAL PUMPING SYSTEMS, REDUCING EFFICIENCY AND INCREASING MAINTENANCE REQUIREMENTS.

3- CONTINUOUS 24/7 OPERATION

→ FREQUENT BREAKDOWNS AND UNPLANNED DOWNTIME.

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2- OUR SOLUTION

- ABRASION-RESISTANT MATERIALS
- OPTIMIZED FOR SLURRIES AND SOLIDS
- HIGH ENERGY EFFICIENCY
- LONG SERVICE LIFE, REDUCED OPEX

PEMO PUMPS

3- APPLICATIONS FOR DIGESTERS

FEEDING ANAEROBIC DIGESTERS

RELIABLE PUMPING OF DENSE ORGANIC SLURRY.

RECIRCULATION IN DIGESTERS

KEEPS MIXING UNIFORM, BOOSTS BIOGAS YIELD.

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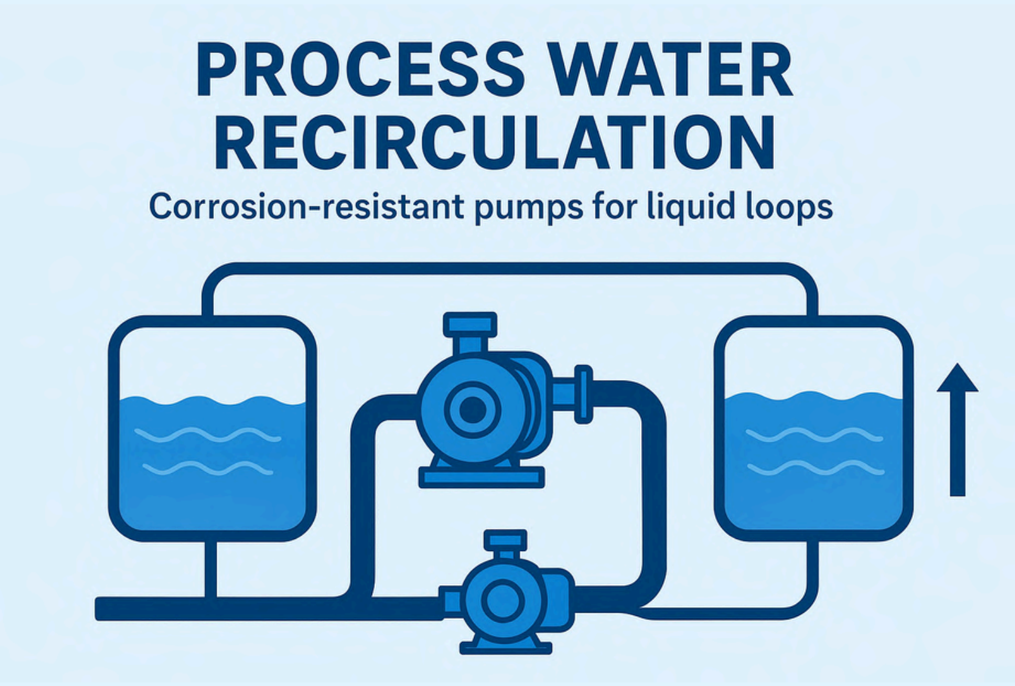
4- APPLICATIONS FOR TRANSFER

DIGESTATE TRANSFER

HANDLES ABRASIVE SLURRIES WITH FIBERS AND SAND.



PROCESS WATER RECIRCULATION

CORROSION-RESISTANT PUMPS FOR LIQUID LOOPS.

PEMO PUMPS

5- WHY CHOOSE PEMO?

- OVER 75 YEARS EXPERIENCE
- 24/7 RELIABILITY
- ABRASION-PROOF DESIGN
- LOWER OPERATING COSTS
- PROVEN IN THE TOUGHEST APPLICATIONS

PEMO PUMPS

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PEMO PUMPS FOR BIOGAS AND BIOMETHANE PLANTS: A PROJECT BY PEMO PUMPS CENTRAL EUROPE

POLAND, GERMANY, AUSTRIA, CZECHIA,
HUNGARY, SLOVAKIA, THE BALTICS

WWW.PEMO-PUMPEN.DE/BIOMETHANE

PEMO PUMPS
SINCE 1947

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