





# BIOGAS TREATMENT

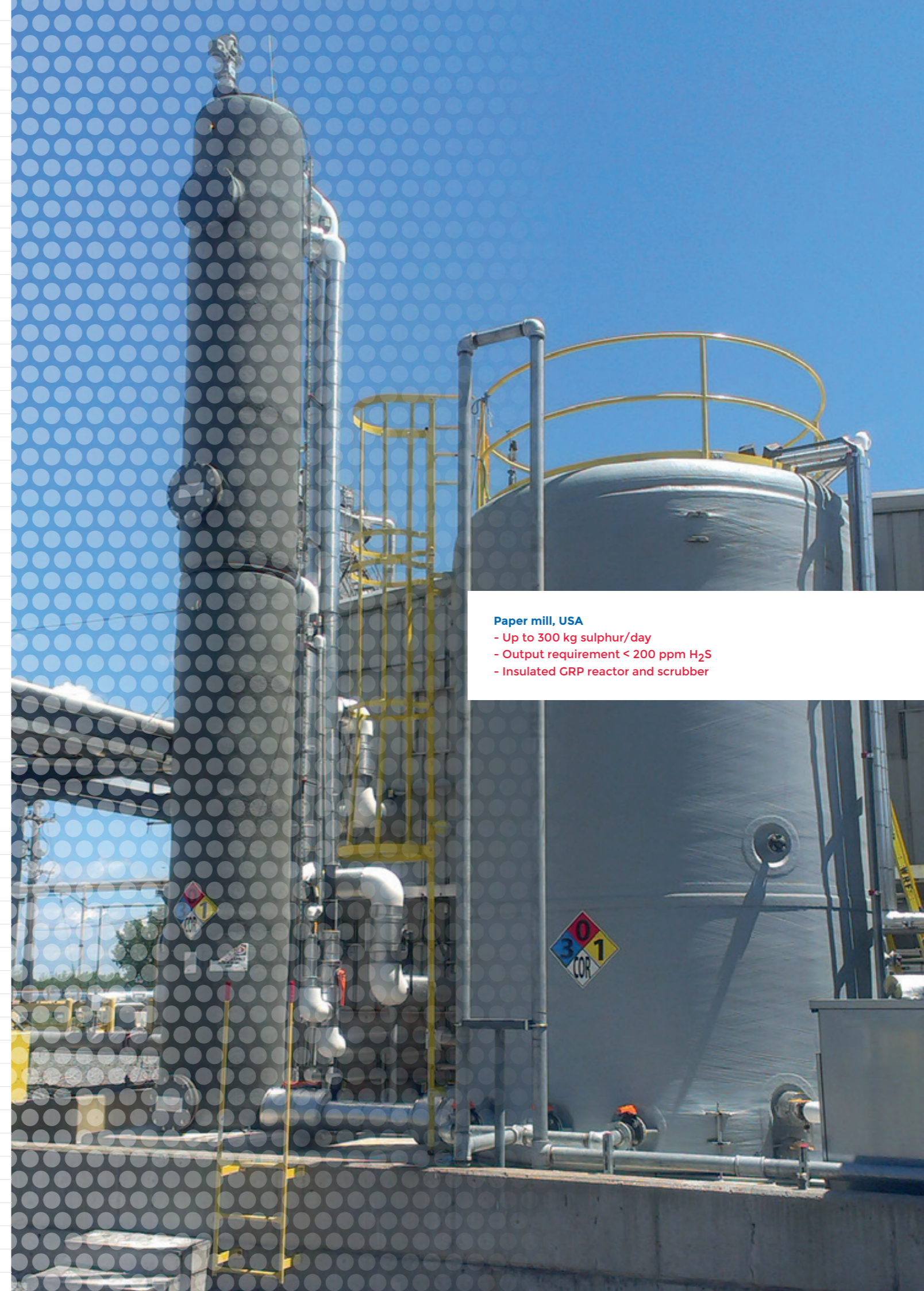
**Econvert-Dsulph<sup>®</sup>** The perfect blend of biology and chemistry. Biogas typically contains H<sub>2</sub>S, a component harmful to you and your equipment. This desulphurization unit combines the chemical absorption of H<sub>2</sub>S in the scrubber with the biological recovery of elemental sulphur in the bioreactor.

## Functionality

- > H<sub>2</sub>S removal rates of over 99% can be achieved
- > Low operational costs due to regeneration of alkalinity in the bioreactor
- > Production of high grade elemental sulphur
- > No oxygen or nitrogen is added, therefore the biogas quality is maintained
- > Low risk on clogging in scrubber, as no biological activity takes place there

## Other biogas treatment products

-  > **BIOGAS BUFFERS**  
Biogas buffers for stabilizing pressure and/or storing biogas
-  > **FLARES**  
Emergency flares and high temperature flares for safe excess gas treatment
-  > **BIOGAS BLOWERS/COMPRESSORS**  
Increasing pressure by means of side channel or roots blowers
-  > **BIOGAS COOLING/DRYING**  
Biogas cooling/drying for lowering the dew point



### Paper mill, USA

- Up to 300 kg sulphur/day
- Output requirement < 200 ppm H<sub>2</sub>S
- Insulated GRP reactor and scrubber