

WANGEN pumps convince in Anaerobic Digestion plant in Dongying, China

One of WANGENs reference projects within the biogas sector was realized in the city of Dongying in East-China. This huge anaerobic digestion plant was built by Shangdong Bori Biomass Energy Co. Ltd. with a total investment of one billion RMB and a construction area of 56,000 square meter. The purpose of the plant is the production of biogas, bioethanol and organic fertilizer with a yearly gas output of 100,000 tonnes.



Seven units **WANGEN KL65S 125.0 progressive cavity pumps** feeding a mixture of liquid digestate and chopped straw into several digesters in Dongying City. Capacity per pump is 80m³/h at a differential pressure of 3 bar. This long proven and durable WANGEN pump design is successfully used within thousands of plants all over the world.

According to the plant manager Mr. Li all pumps are running at his full satisfaction:
 „All pumps have been working for over 3 years operating in excellent condition. Up to now there are no issues and the pumps have been competely maintenance-free. A main advantage of WANGEN is the easy maintanance. The pumps are very service-friendly, inspection and monitoriong of the medium condition is very easy and less time consuming. Furthermore the robust cardon joint and mechanical cartridge sealing are big advantages.“

WANGEN Product:	KL65S 125.0
Pump Type:	Progressive cavity pump
Medium:	Liquid Digestate, chopped straw
Process:	Feeding into biogas digester
Location:	Dongying City, China

WANGEN progressive cavity pumps are successfully operated in biogas plants worldwide. In Germany over 10,000 WANGEN pumps are used within biogas plants for anaerobic digestion processes, even more globally throughout the world. WANGEN is well known for the unique and robust design as well as the long service lifetime of the pumps. Therefore our customers have been delighted to use WANGEN pumps in agriculture and biogas business for more than 50 years.

Information on the company WANGEN PUMPEN:

The name **WANGEN PUMPEN** derives from the head office and main production site, located in Wangen in the Allgäu of Germany. Since the foundation in 1969, WANGEN PUMPEN has developed continuously from a local crafts business to a medium-sized company with more than 250 employees. WANGEN is producing a variety of **progressive cavity pumps** and hygienic **twin screw pumps** as well as customized solutions which meet the highest quality standards. Products from WANGEN are highly regarded at regional, national and international level thanks to our consistent orientation to market and client requirements. Our motivation is the satisfaction of our customers and our passion is the excellence of our standards.

“Our work is strongly driven by customer needs and our goal is the complete customer satisfaction and the implementation of specific customer requirements. This goal guides our in-house development of unique special pump solutions that have reliably performed in various application areas” says Florian Holub, Sales Manager at WANGEN PUMPEN.

All Details on the WANGEN PUMPEN product range for Biogas and Anaerobic Digestion



WANGEN KL65S: Convincingly reliable for the anaerobic digestion plant in Dongying, China



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