

## WANGEN KL65S progressive cavity pumps convince in an impressive biogas project in Harbin, Heilongjiang China

The impressive biogas plant with an overall scale of 4MW is located in Harbin City (Heilongjiang province, China). The project realizes combined heat and power generation through biogas by adopting anaerobic fermentation process to produce biogas from crop straw. With a total of eight fermenters the plant is producing 16 million m<sup>3</sup> of biogas per year and handles 90,000 - 100,000 tons of agricultural and forestry biomass straw annually. Furthermore the residues are used to produce 40,000 to 45,000 tons of efficient organic fertilizer per year.



Five robust and durable WANGEN progressive cavity pumps have been installed within this biogas plant.

### Top-quality, robust enough and easy to maintain:

“Our customer chose WANGEN progressive cavity pumps due to their robust and durable design. The pumps run smoothly for several years without maintenance. The plant operator is expanding his business and is very satisfied with the WANGEN pumps. That’s why he has ordered six more units this year”, says Kevin Huang from ROSTAC Engineering located in Shanghai. The substrate in the fermenter contains high dry matter content including fibrous material. WANGEN PUMPEN offers their robust and durable cardan joint design, which enables to handle this type of fluids without issues and maintenance for many years.

#### WANGEN

Medium:

Process:

Location:

#### Progressive cavity pump KL65S 125.0

Dry straw / digestate mixture

Feeding into the biogas fermenter

Yilan City, Harbin City, Heilongjiang Province



WANGEN pumps are successfully operated in biogas plants worldwide. In Germany over 10,000 pumps are used within biogas plants for anaerobic digestion processes, even more globally throughout the world. WANGEN pumps are well known for the unique and robust design and 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.



#### **About WANGEN PUMPEN:**

The name **WANGEN PUMPEN** derives from the head office and main production site, located in Wangen im Allgäu, Germany. Since the foundation in 1969, WANGEN PUMPEN has developed continuously from a local crafts business to a medium-sized company with approx. 300 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.

[All Details on the WANGEN PUMPEN product range for Biogas and Anaerobic Digestion.](#)

[www.wangen.com](http://www.wangen.com)



#### **Distribution Partner in China:**

**ROSTAC Engineering (Shanghai) Co., Ltd.**

The 2/f of 5th building on No. 786 Wangqiao Road, JinQiao Logistic park off he GLP

[info@rostac.com](mailto:info@rostac.com)

[www.rostac.com](http://www.rostac.com)

*Text lenght: 2.757 characters including spaces*

*Photo source: Pumpenfabrik Wangen GmbH and ROSTAC*