

Manure Pumping Muehlenhof

Application market	Industry	
Market segment	Agriculture	
Pumped medium	Cattle manure	
Pump product	Bearing Frame	
Country	Germany	

Challenge

New biogas plant PW Muehlenhof for Agrar GmbH Ferdinandshof. Delivery waste products from agricultural production into a biogas plant.

Solution

Installation of two Screw Centrifugal Pumps with large impeller free passage and high efficiency. Use of the Bearing Frame design direct coupled with flexible shaft coupling.

Benefits

Low assembly and maintenance costs due to the service-friendly design of the Bearing Frame type used. Energy-efficient due to high pump efficiency and IE-classified motors.

Quantity of units sold	2
Pump type	E125-SH3R + EGM1X-X
Motor data	75 kW / 2 pole / 50 Hz / IEC frame size 280
Material combination	Stainless steel impeller and Hidrohard wear parts
Duty point	Flow : 65 litres per second / Head : 58 meters
In operation since	2013