



Cleaning world  
and giving energy

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### industrial solutions

## Technical characteristics of biogas plants for cattle farms

Characteristics		Parameters	Values			
1	Raw material capacity (inlet)	tons/day	60	120	180	240
2	Biogas production	m <sup>3</sup> /day*	3600	7200	10800	14400
3	Plant electricity consumption	kW	20	40	60	80
4	Plant heat power consumption	kW	200	400	600	800
5	Maintenance personnel	operator	1	1	1	1
6	Area required	hectares	0,4	0,8	1,2	1,6
7	Solid bio-fertilizer output	tons/day	40	80	120	160
8	Liquid bio-fertilizer output	m <sup>3</sup> /day	16	32	48	64

\* - biogas production from fresh cow manure

## Price list for cattle farm biogas plant

Raw material capacity (inlet) tons/day	Price EUR			
	Project documentation	Supervision*	Equipment	Construction**
60	37000	20000	320000	290000
120	42000	20000	470000	430000
180	47000	20000	620000	570000
240	52000	20000	845000	710000

\* - includes contract supervision, starting-up and adjustment, training

\*\* - construction part (concrete tanks) can be executed by the customer under ZORG documentation at price cost without any surcharges

- price is based on FCA Memmingen (Germany)

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