



Cleaning world
and giving energy

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industrial solutions

Technical characteristics of biogas plants for cattle farms (fresh cow manure with 92-94% of humidity)

Characteristics		Parameters	Values					
1	Raw material capacity (inlet)	tons/day	150	300	450	600	750	900
2	Biogas production	m ³ /day*	3600	7200	10800	14400	18000	21600
3	Plant electricity consumption	kW	20	40	60	80	100	120
4	Plant heat power consumption	kW	200	400	600	800	1000	1200
5	Maintenance personnel	operator	1	1	1	1	1	1
6	Area required	hectares	0,4	0,8	1,2	1,6	2,0	2,4
7	Solid bio-fertilizer output	tons/day	14	28	42	56	70	84
8	Liquid bio-fertilizer output	m ³ /day	130	260	390	520	650	780

* - 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**
150	37000	20000	320000	290000
300	42000	20000	470000	430000
450	47000	20000	620000	570000
600	52000	20000	845000	710000
750	57000	20000	1040000	850000
900	62000	20000	1230000	980000

* - 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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