



## ZORG UKRAINE Ltd

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### industrial solutions

## Biogas plant for sorted municipal solid waste

Characteristics		Parameters	Values					
1	Raw material capacity (inlet)	tons/day	40	60	80	160	240	320
2	Biogas production	m <sup>3</sup> /day*	8000	12000	16000	32000	48000	64000
3	Plant electricity consumption	kW	50	75	100	150	200	250
4	Plant heat power consumption	kW	150	200	250	500	600	900
5	Maintenance personnel	operator	1	1	1	2	2	3
6	Area required	hectares	0,35	0,45	0,55	0,75	0,9	1,2
7	Solid bio-fertilizer output	tons/day	24	36	48	96	144	192
8	Liquid bio-fertilizer output	m <sup>3</sup> /day	6	9	12	24	36	48

\* - biogas production from sorted municipal solid waste

## Biogas plant for sorted municipal solid waste

Raw material capacity (inlet) tons/day	Price EUR			
	Project documentation	Supervision*	Equipment	Construction**
40	47000	30000	690000	640000
60	59000	30000	970000	830000
80	72000	30000	1150000	980000
160	85000	30000	2200000	2080000
240	110000	30000	2700000	2540000
320	130000	30000	3200000	2990000

\* - 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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