

## Product Range Biomethane plants



Plant size			S	M	L	L+	XL	XXL
Type			BMA 500	BMA 1000	BMA 1600	BMA 2000	BMA 3000	BMA 4000
Feed gas wet	Max	Nm <sup>3</sup> /h	500	1000	1600	2000	3000	4000
	Min	Nm <sup>3</sup> /h	200	300	480	600	900	1200
Product Gas	Nominal	Nm <sup>3</sup> /h	275	550	880	1100	1650	2200
Gas Compressor	Brand		Aerzener	Aerzener	Aerzener	Aerzener	Aerzener	Aerzener
	Typ		RKR C6Z	RKR C13Z	RKR C18Z	RKR C27Z	2x RKR C18Z	RKR C27Z + RKR C18Z
Power consumption		kW	94	164	246	306	471	600
Including feed gas conditioning and offgas combustion		kWh/Nm <sup>3</sup>	0,187	0,164	0,154	0,153	0,157	0,15
<b>Plant Dimensions</b>								
Length		m	20,0	25,0	25,0	25,0	30,0	30,0
Width		m	10,0	10,0	12,0	12,0	16,0	16,0
Height		m	6,0	6,0	6,0	6,0	6,0	6,0
<b>Sound</b>								
Sound level exhaust without silencer		dB(A)	65,0					
Intake air - volume flow								
	CH <sub>4</sub>	%	45 - 65					
	CO <sub>2</sub>	%	20 - 60					
	H <sub>2</sub> S	ppm	0 - 1000					
	p	barg	0,0					
	T	°C	< 50					
electric								
	CH <sub>4</sub>	%	95 - 99					
	H <sub>2</sub> S	ppm	< 1					
	p	barg	3,0					
	T	°C	25,0					
	Taupunkt	°C	< -65					
Price for standard scope of supply			€	on request	on request	on request	on request	on request

Subject to modifications and amendments

Options: Gas blower station, gas analysis system, gas conditioning system, flare

20.09.2023