

INDOP	37M	50M	50T	68M	85T	90T	110M	110T	130T	130M	145T	150M	160T	170T	190T	210T	210M	265M	420M	500M	Please Enquire
ENERGY DATA																					
Mechanical Power (kW)	37	54	54	68	86	89	110	110	132	130	144	150	159	173	193	213	210	265	420	550	300kW to 10MW
Electrical Power (kW)	34	49.9	50	63	80	84	103	103	124	122	135	141	149	162	181	200	197	250	395	523	-
Thermal Power (kW)	55	79	133	94	121	153	143	151	178	181	215	207	229	220	228	250	263	321	513	648	-
Energy Input (kW)	112	148	206	177	232	269	282	283	346	343	392	392	433	436	470	519	493	680	1045	1341	-
Engine Type	MAN E 0834 E 312	MAN E 0834 E 302	TEDOM TP 90 G5V NX 86	MAN E 0834 LE302	TEDOM TG 85 G5V NX 86	TEDOM TP 90 G5V NX 86	MAN E 0836 LE202	TEDOM TG 110 G5V TX 86	TEDOM TG 130 G5V TX 86	MAN E 2876 TE302	TEDOM TP 145 G5V TX 86	MAN E 2876 E 312	TEDOM TP 160 G5V TX 86	TEDOM TG 170 G5V TW 86	TEDOM TG 190 G5V TW 86	TEDOM TG 210 G5V TW 86	MAN E 2876 LE302	MAN E 2848 LE322	MAN E 2842 LE322	MAN E 3262 LE202	JENBACHER
Number of Cylinders	4	4	6	4	6	6	6	6	6	6	6	6	6	6	6	6	6	8	12	12	-
Volume (cm³)	4580	4580	11946	4580	11946	11946	6870	11946	11946	12820	11946	12820	11946	11946	11946	11946	12820	14620	21930	25800	-
EFFICIENCY																					
Electrical (%)	33.0	33.7	26.2	38.5	37.1	33.1	39.0	39.0	38.3	38.0	36.7	38.4	36.7	39.8	41.0	41.0	39.0	39.0	40.2	41.0	-
Thermal (%)	49.1	53.5	64.2	54.2	52.2	56.9	50.7	53.3	51.6	52.8	54.8	52.8	52.8	50.4	48.5	48.2	48.9	47.2	49.1	48.3	-
Total (%)	82.1	87.2	90.6	92.7	89.3	90.0	89.7	92.3	89.9	90.8	91.5	91.2	89.5	90.2	89.5	89.2	87.9	86.2	89.3	89.3	-
DIMENSION																					
Weight (Kg)	1700	2000	2200	2200	2200	2200	3000	3000	3000	3000	3000	3000	3100	3200	3200	3400	3600	5000	5500	6000	-
L x W x H (m) Internal unit	2.1x1.2x1.6	2.3x1.2x1.6	2.8x1.2x2.2	2.8x1.2x2.2	2.8x1.2x2.2	2.8x1.2x2.2	3.3x1.2x2.2	3.3x1.2x2.2	3.3x1.2x2.2	3.3x1.2x2.2	3.3x1.2x2.2	3.3x1.2x2.2	3.3x1.2x2.2	3.4x1.2x2.2	3.4x1.2x2.2	3.4x1.2x2.2	3.5x1.2x2.2	3.7x1.3x2.2	4.0x1.4x2.7	4.5x1.4x2.7	-
Fuel	NG	NG	LPG	NG/BIOGAS*	NG	LPG	NG/BIOGAS*	NG	NG	BIOGAS	LPG	NG	LPG	NG	NG	NG	NG	NG/BIOGAS*	NG/BIOGAS*	NG/BIOGAS*	NG/BIOGAS*

Consumption of natural gas with Hu_34 MJ/Nm3 at standard conditions: 0 ° C, 101.325 kPa. Technical data valid for standard conditions in accordance with the specification. Recommended minimum continuous capacity is 50% of the nominal capacity. These technical data are based on standard conditions according to DIN ISO 3046-1. Nominal speed in standard conditions and ICFN in accordance with DIN ISO 3046 and DIN 6271 (1) In p. f. = 1.0 according to VDE 0530 REM / IEC 34.1 with a relative tolerance (2) In accordance with DIN ISO 3046 and DIN 6271, and with a tolerance of + / - 5%. Tolerance for useful thermal output is + / - 7% Performance based on the new unit (after startup). The effects of degradation during normal operation can be mitigated through regular service and maintenance work.

* Efficiency biogas CHP unit may be different than shown in the table. Specifications are based on the calorific value of the fuel 10kWh/Nm3 for natural gas and biogas 6kWh/Nm3.

