

GENERATOR MODEL		UNIT	E-154	SE-154	E-204	SE-204	E-254	SE-254	E-304	SE-304	E-354	SE-354	E-404	SE-404	E-504	SE-504	E-604	SE-604	E-704	SE-704	E-1004	SE-1004																	
NET OUTPUT	MAXIMUM LOAD	kW	1471	1471	1962	1962	2452	2452	2943	2943	3433	3433	3924	3924	4905	4905	5886	5886	6866	6866	10000	10000																	
	MODULATION RANGE	%	33 / 100	33 / 100	25 / 100	25 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100	20 / 100																
EQUIVALENT MAXIMUM OUTPUT SATURATED STEAM (*)		kg/h	2349	2349	3131	3131	3914	3914	4697	4697	5480	5480	6263	6263	7829	7829	9394	9394	10958	10958	15955	15955																	
NOMINAL OPERATING STEAM PRESSURES AVAILABLE UP TO (**)		barg	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	31	31																	
STANDARD INSTALLED ELECTRICAL MOTOR POWER	WATER PUMP (****)	kW	4	4	5,5	5,5	7,5	7,5	7,5	7,5	7,5	11,0	5.5 + 5.5	5.5 + 5.5	7.5 + 7.5	7.5 + 7.5	11 + 11	11 + 11	11 + 11	11 + 11	55	55																	
	BLOWER	kW	5,5	5,5	7,5	7,5	11	11	11	11	15	15	22	22	30	30	30	30	45	45	75	75																	
(230/400/415/440 VAC - 50/60 Hz)	FUEL TYPE G(Gas) O(Light Oil)		G	O	G	O	G	O	G	O	G	O	G	O	G	O	G	O	G	O	G	O	G	O															
	MAXIMUM LOAD	%	93	93	95	95	92	93	94	95	92	93	94	95	91	92	93	94	91	92	95	95	90	91	94	95	91	91	94	95	91	90	93	92	92	91	96	95	
	MINIMUM LOAD	%	96	97	96	97	95	95	96	97	95	95	96	97	95	95	96	97	97	97	96	97	97	97	96	97	97	97	96	97	97	97	92	91	94	93	94	93	95
CONSUMPTION @ FULL LOAD	GAS - LCV 37000	kJ/Nm <sup>3</sup>	Nm <sup>3</sup> /h	154	151	207	203	259	254	311	305	367	359	420	402	530	508	629	609	737	720	1057	1014																
	LIGHT OIL - LCV 42700	kJ/kg	kg/h	133	131	178	174	222	218	267	261	315	308	360	348	454	435	545	522	657	643	941	902																
WATER CONTENT (generator water/steam system)	FILLED	L	556	695	556	695	556	695	777	916	777	916	1495	1721	1495	1761	1917	2183	2109	2375	5501	6930																	
	IN OPERATION	L	315	460	300	450	288	431	400	530	380	520	665	930	650	920	1120	1386	1150	1350	2500	3750																	
HEATING SURFACE	m <sup>2</sup>	41,7	59,9	41,7	59,9	41,7	59,9	55,2	73,4	55,2	73,4	83,9	111	83,9	111	112,4	139,4	126,9	154	257	378																		
MINIMUM GAS PRESSURE REQUIRED @ INLET (****)	mbarg	160-240	160-240	210-360	210-360	190-280	190-280	230-365	230-365	280-450	280-450	190-250	190-250	250-340	250-340	310-430	310-430	220-430	220-430	300	300																		
ATOMIZING AIR (oil fired only)	REQUIRED FLOW	Nm <sup>3</sup> /h	36	36	27	27	27	27	32	32	32	32	40	40	40	40	40	40	40	40	50	50																	
	REQUIRED PRESSURE	barg	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	5 --> 7	6 --> 7	5 --> 7																	
OVERALL GENERATOR DIMENSIONS (approx.)	LENGTH	gas	mm	2755	2755	2745	2745	2745	2745	2745	2745	2745	2745	2745	3060	3060	3060	3060	3320	3320	3320	4646	4646																
		oil	mm	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2840	2840	2840	2840	2840	3100	3100	4646	4646																
		gas-oil	mm	2882	2882	2882	2882	2872	2872	2872	2872	2872	2872	3190	3190	3190	3190	3190	3320	3320	4646	4646																	
	WIDTH	all fuels	mm	1950	1950	1950	1950	1950	1950	1950	1950	1950	2130	2130	2130	2130	2130	2130	2130	2115	2115	2600	2600																
		all fuels	mm	2785	3165	2785	3165	2785	3165	2915	3490	2915	3490	3410	3975	3410	3975	4590	5235	5200	5845	5229	6153																
	WEIGHT (empty)	all fuels	kg	2950	3450	3050	3550	3150	3650	3600	4100	3700	4200	5800	6600	5800	6600	6900	7700	8600	9400	17800	21300																
OVERALL PUMP SKID DIMENSIONS (approx.)	LENGTH	mm	1345	1345	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	2600	2600																	
	WIDTH	mm	680	680	820	820	820	820	820	820	820	820	820	820	820	820	820	820	820	820	770	770																	
	HEIGHT	mm	1025	1025	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	877	877																	
	WEIGHT	kg	325	325	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	950	950																	
GENERATOR STACK CONNECTION (outer diameter)		mm	559	559	559	559	713	713	713	713	713	713	806	806	806	806	806	908	908	908	1000	1000																	

**NOTES**

- (\*) @ 1 bara (absolute) with feed water temperature of 100 °C
- (\*\*) Available as standard range. Higher pressure units can be supplied
- (\*\*\*) based on feed water temperature of 60 °C
- (\*\*\*\*) to be provided by customer (based on 100% capacity; based on LHV between 31,8 and 37,3 MJ/Nm<sup>3</sup>) - (Note: gas train design pressure is 500 mbar)
- (\*\*\*\*\*) motor power may vary due to feed water pressure. E404 and up have two pumps