

TECHNICAL SPECIFICATION: GENSET ENGINES (Fixed Speed Engines)



Engine Model		G 12 - II	G 15 - II	G 20 - II	G 25 - II	G 30 - II	G 40 - II	G 62.5
Engine Power	BHP	18	22	25	33	43	58	88
Rating	kVA	7.5/10/12.5	15	20	25	30	40/45	50/62.5
Rated Speed	RPM	1500						
No. of Cylinders		2	2	3	3	3	4	4
Bore	mm	91	95	91	91	91	91	98
Stroke	mm	110	110	110	110	110	110	122
Total Displacement	Cc	1430	1560	2145	2145	2145	2860	3680
Lube Oil Sump Cap	Ltrs	5	5	6.5	6.5	6.5	8	8
Compression Ratio		17.5 : 01						
Aspiration		NATURAL			TURBO CHARGED INTER COOLED			
Cooling System		WATER COOLANT						
Flywheel Housing		SAE3/ 10						
Fuel Injection Pump		MICO Bosch : Inline Pump, Mech-AI Governing						
Emission Norms		CPCB-II COMPLIANT						

**Due to continuous product update, specifications are subject to change without prior notice



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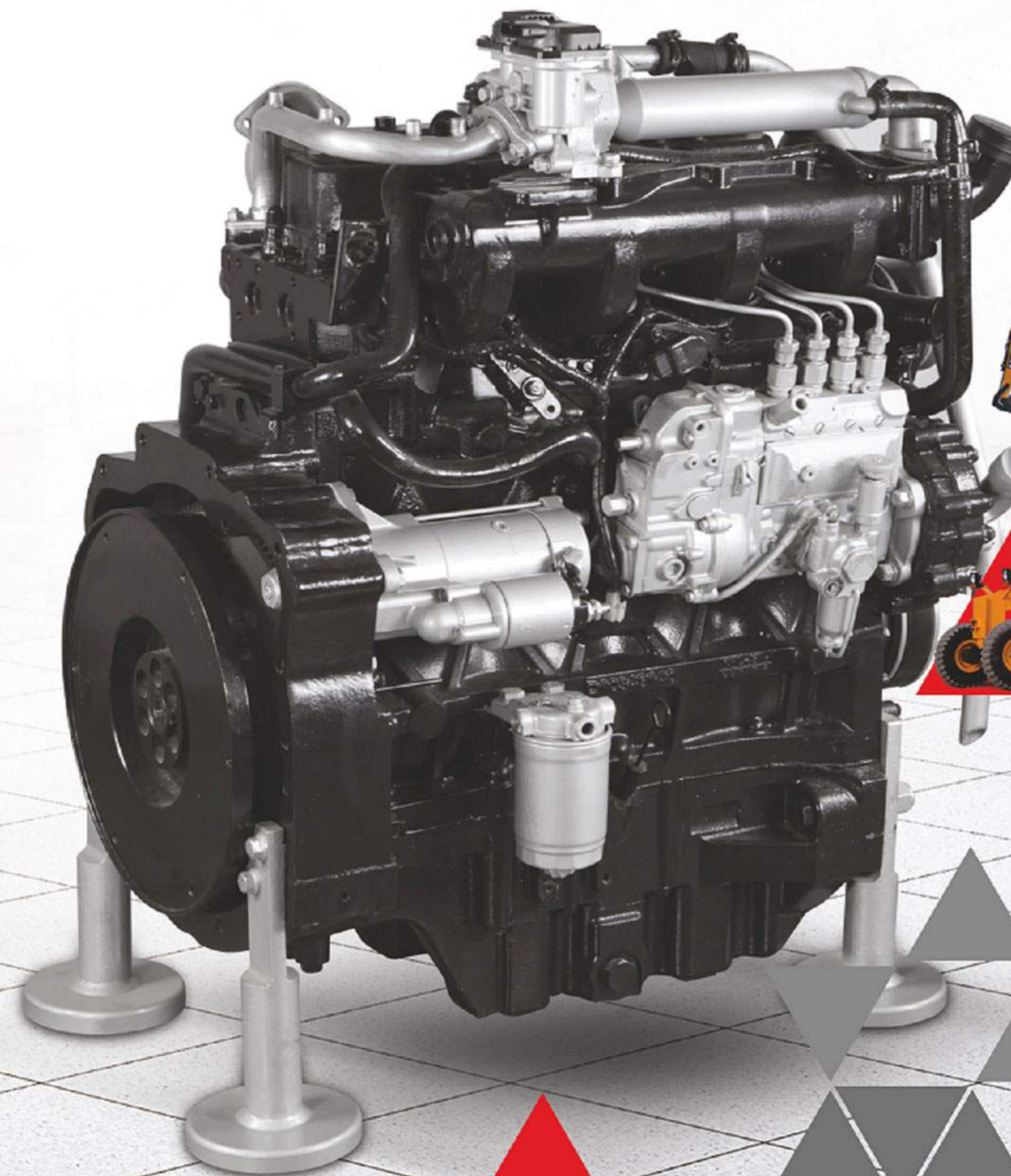


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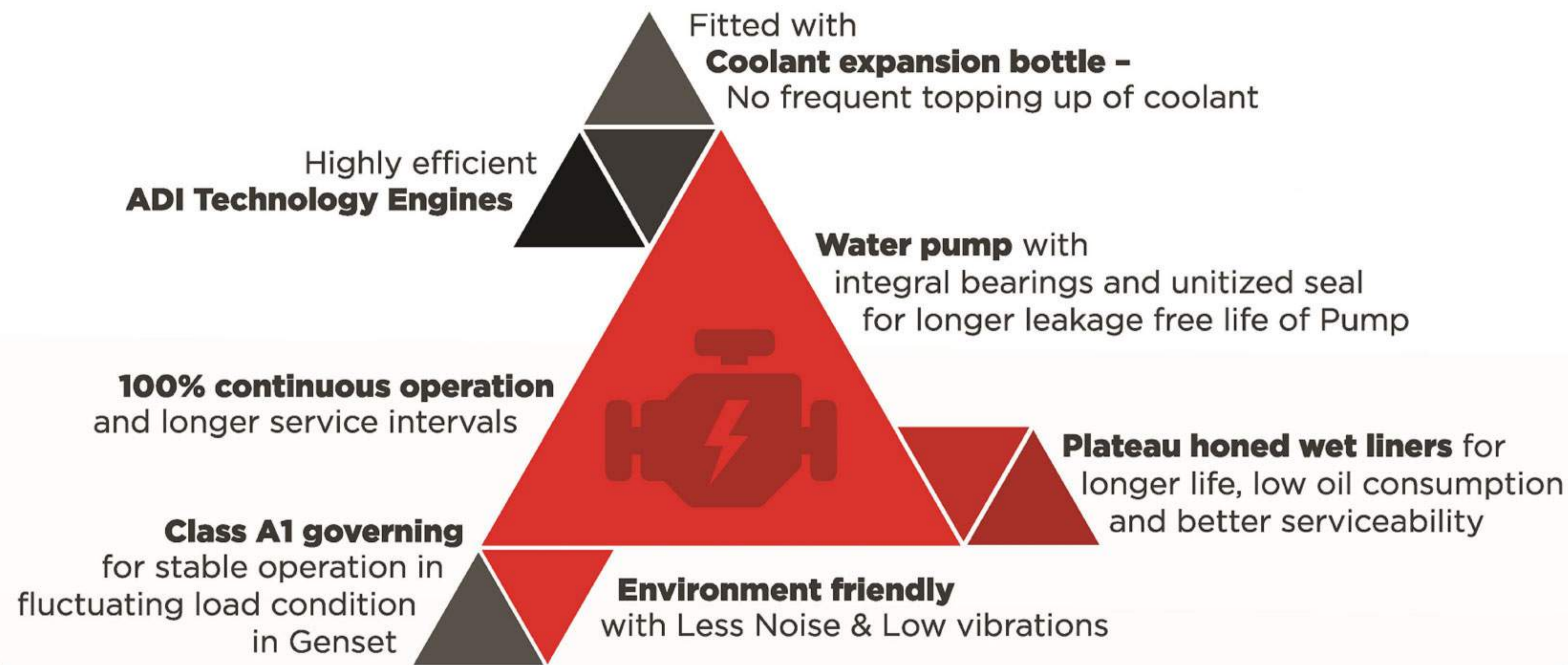
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ESCORTS ENGINES, SETTING NEW PERFORMANCE STANDARDS:



TECHNICAL SPECIFICATION VARIABLE SPEED ENGINES



Engine Model		(CI-25)	(CI-35)	(CI-41)	(CI-50)	(CI-50-II)	(CI-50-III)	(CI-60)	(CI-75)	(CI-90)	(CI-105)
		E2.156	E3.234	E3.234	E3.276	E4.312	E4.368	E4.368	E4.286 TCI	E4.368 TCI	E4.368 TCI
Type	Specs	2 Cylinder, DI,	3 Cylinder, DI,	3 Cylinder, DI,	3 Cylinder, DI,	4 Cylinder, DI,	4 Cylinder, DI,	4 Cylinder, DI,	4 Cylinder, DI,	4 Cylinder, DI,	4 Cylinder, DI,
		Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Brake		NA	NA	NA	NA	NA	NA	NA	TCIC	TCIC	TCIC
Horse Power	HP	25	34	41	50	50	60	60	75	90	105
Bore	MM	95	95	95	98	95	98	98	91	98	98
Stroke	MM	110	110	110	122	110	122	122	110	122	122
Displacement	CC	1560	2340	2340	2760	2340	3680	3680	2860	3680	3680
Peak Torque	NM	102	160	160	201	190	255	255	295	350	346
Compression Ratio		17.5:1+/-5%	17.5:1+/-5%	17.5:1+/-5%	17.5:1+/-5%	17.5:1+/-5%	17.5:1+/-5%	17.5:1+/-5%	17.5:1+/-5%	17.5:1+/-5%	17.5:1+/-5%
Firing Order		02-01-2019	02-01-2003	02-01-2003	02-01-2003	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2
Idle Speed	RPM	600-700	600-700	600-700	700-800	800-900	700-800	700-800	700-800	900-1000	900-1000
Rated Speed	RPM	2000	2200	2200	2200	2200	1850	2200	2200	2200	2200
High Idle	RPM	2275 + 50	2475-2525	2475-2525	2380 + 50	2500 + 50	2400 + 50	2400 + 50	2500 + 50	2400 -2500	2400 -2500

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