

TECHNICAL SPECIFICATION: GENSET ENGINES (Fixed Speed Engines)



ESCORTS
ENGINES - POWER

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	6.5	6.5	7.5	7.5	7.5	8.5	10
Compression Ratio		17.5 : 01						
Aspiration		NATURAL			TURBO CHARGED INTER COOLED			
Cooling System		WATER COOLANT						
Flywheel Housing		SAE3/10						
Fuel Injection Pump		MKO Bosch : Inline Pump, Mech-A1 Governing						
Emission Norms		CPCB-II COMPLIANT						

MAXIMIZES YOUR PERFORMANCE.



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

MANUFACTURED BY:

ESCORTS LIMITED
Engine Applications Business,
18/4 Mathura Road
Faridabd-121007, Haryana

MARKETED BY:

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ADVANCED GEAR BOXES INDIA PRIVATE LIMITED
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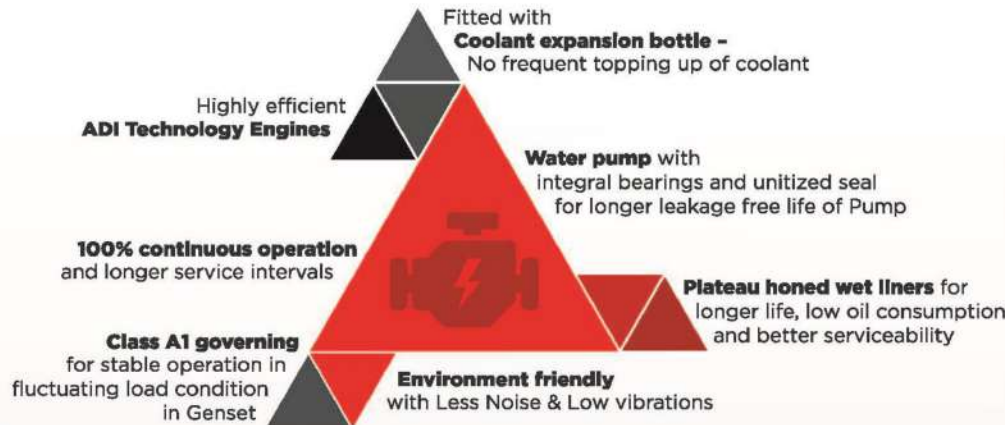
The Escorts Group is one of the country's largest engineering conglomerates offering diversified product lines for the different sector like Agri-machinery, construction, Railway equipment, Auto Components, Diesel Engines and others.

Our diesel engines are a class apart, which are highly reliable & fuel-efficient and easy to maintain and are compliant with the latest emission norms made for prime mover to Diesel Generating sets, construction equipment, road construction machines, Agriculture pumps & machines, marine boat applications and much more.

TECHNICAL SPECIFICATION VARIABLE SPEED ENGINES



ESCORTS ENGINES, SETTING NEW PERFORMANCE STANDARDS:



Engine Model	Specs	(C-25)	(C-35)	(C-41)	(C-50)	(C-50-II)	(C-50-III)	(C-60)	(C-75)	(C-90)	(C-105)
		E2.156	E3.234	E3.234	E3.276	E4.312	E4.368	E4.368	E4.786 TC	E4.368 TC	E4.368 TC
Type		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	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	3120	3680	3680	2860	3680	3680
Peak Torque	NM	102	160	160	201	190	255	255	295	350	436
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		1-2	1-2-3	1-2-3	1-2-3	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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BENEFIT TO CUSTOMER



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BENEFITS

