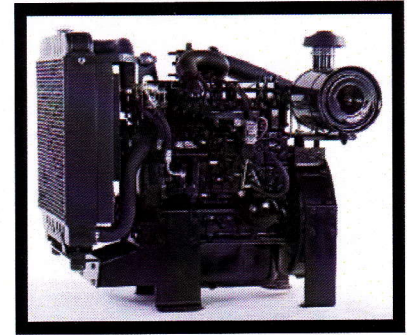




MITSUBISHI ENGINE

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SK - SERIES 59 to 165 HP

Model		S4K-T	S6K-T	
Specifications	Type	4-cycle, water-cooled, diesel engine		
		Turbocharged		
	Cylinder Arrangement - Bore x Stroke (mm)	102 X 130	102 X 130	
	Engine Configuration	Inline 4 Cyl.	Inline 6 Cyl.	
	Total Displacement - Liters	4.249	6.373	
	Combustion System	Direct injection		
	Dry Weight kg / lbs.	350 / 772	475 / 1048	
	Starting System	Electric starting with cell starter		
Fuel Oil	Diesel fuel oil (ASTM No. 2-D)			
Power Unit	Continuous Power Rating	1500 rpm	44.1 (59.1)	62.8 (84.2)
	Output kWm (HP)	1800 rpm	51.3 (68.8)	73.6 (98.7)
		2000 rpm	52.2 (70.0)	75.4 (101.1)
		2200 rpm	53.1 (71.2)	77.2 (103.5)
	One-hour Power Rating	1500 rpm	49.0 (65.7)	69.8 (93.6)
	Output kWm (HP)	1800 rpm	57.0 (76.4)	81.8 (109.7)
		2000 rpm	58.0 (77.7)	83.8 (112.3)
		2900 rpm	☆ 75.0(93.2)	☆ 132.2 (165)



EPA CERTIFIED

CONSTRUCTION

- Ribbed thin-wall cast iron crankcase for added strength and durability.
- Internal crankcase breather for reduced emissions.
- Extra large bearing surfaces for low bearing loads and long life.

LUBRICATION

- Full flow spin-on cartridge filter.
- Forced circulation by a trochoid gear pump.
- Oil Capacity: 2.64 gal (10 lit.)

FUEL & COMBUSTION SYSTEMS

- Bosch style fuel injection pump.
- Indirect injection combustion system on S4S model for low noise and emissions.

MOUNTING

- Standard crankcase side mounting pads for flexible mounting arrangements.
- Rear engine support available from side pad mounting pads on SAE 3 housing.

COOLING

- Forced circulation by centrifugal pump.
- Cooling packages available for ambient temperatures up to 122°F (50°C).
- Cooling Fan (Std. Eq.): Variable Speed (VS) - Suction Generator Drive (GS) - Pusher

ELECTRIC SYSTEM

- Starter: 12V, 2.2kW
- Alternator: 12V, 50 amp with integral regulator.
- Glow Plugs: 12V
- High water temperature and low oil pressure switches.
- Stop Solenoid: 12V, energized to run (ETR) solenoid.

GOVERNING

Mechanical governing is provided for either variable or constant speeds.

DRIVES

- SAE 3 flywheel housing and 11.5 inch flywheel (GD & VS models).
- Rotation direction: counter-clockwise, facing the flywheel.
- Limited power hydraulic drives are available for mounting at the gear end.