

MARINE DIESEL ENGINES

60H series
130 – 440hp (242.7 – 323.0kW)

YANMAR



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The Price of Workboat Power Gets Mor

Breakthrough in the technology of diesel engineering made this possible engine a better than-its-neighbor.

Without taking any more of your hard-earned money it gives you a ton more work. It accumulates

decades of developments and keeps them all with the cream of modern systems to cut down on fuel, weight and price. Several important features help the 5047 series to achieve this:

- A new fuel pump increases pressure and timing accuracy to a remarkable degree, resulting in super combustion efficiency gains. This creates a significant power increase.

- With four valves in each cylinder it means more air gets totally efficient air fuel and gas exhaust.

- Advanced materials in critical parts smoothly

handle the higher performance of the 5047 series.

- A turbocharger and intercooler give an extra boost to efficiency gains.

- Innovations proven in the past, such as constant temperature cooling, quick response fuelizer and other special feature features help the same keep the engine in top-top, best-of-its-kind condition.

ENGINE SPECIFICATIONS

Model with marine gear		5047-150	5047-150
Model without marine gear		5047-150	5047-150
Type		4-cyl., vertical, turbo-charged, water-cooled diesel engine	
Number of cylinders		4 cylinders	
Bore x stroke		100.0 x 100.0 (3.94 x 3.94)	
Displacement		1.97 (120.4)	
Rated output	hp/gkw	150/110	150/110
	with marine gear	140/100	140/100
Maximum output	hp/gkw	160/120	160/120
	with marine gear	150/110	150/110
Fuel consumption (without marine gear)		6.0	6.0
Direction of rotation		Counter-clockwise (view from stern)	
Combustion system		Direct injection	
Cooling system		Fresh water cooling with seawater & fresh water pumps	
Lubricating system		Forced lubrication with gear pump	
Starting system		Electric starting motor-DC 24V	
Dry weight (without marine gear)		150 (33.7)	150 (33.7)

GEAR BOX SPECIFICATIONS

Type	1:1 GEAR				1.5:1 GEAR	
	Hydraulic multi-throw clutch, cast iron					
Reduction ratio (downward)	0.66	0.75	0.83	0.66	0.75	0.83
Transfer shaft speed (rpm) (with gear)	108	120	132	108	120	132
Transfer shaft speed (rpm) (without gear)		162 (with coast from stern)				
Dry weight		175 (39.0)			190 (42.0)	

