

YANMAR®

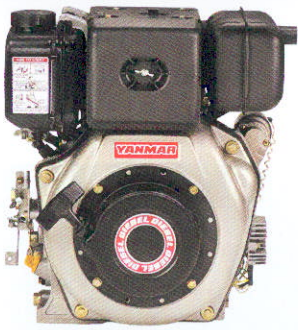
DIESEL ENGINES

LV series

L48V
L70V
L100V



Photograph may show optional equipment.



- EPA Tier II exhaust emission compliant
- Air-cooled, vertical single-cylinder, 4-stroke diesel power-pack.
- All models feature direct injection.
- All models are counter balanced for high speed operation.
- Recoil & electric start options.
- Multiple PTO shafts available.

Engine Specifications

Model		L48V	L70V	L100V
Engine Type		Air cooled, 4 cycle, Vertical Cylinder		
Fuel		Diesel		
Number of Cylinders		1		
Bore x Stroke, mm		70 X 57	78 X 67	86 X 75
Total Displacement	(cc)	219	320	435
Combustion Type		Direct Injection		
Aspiration		Natural Aspiration		
Valves per Cylinder		2		
Rated Speed		3600 rpm		
Net Intermittent Hp	[kW] / rpm	4.7 [3.5] / 3600	6.4 [4.8] / 3600	9.1 [6.8] / 3600
Net Continuous Hp	[kW] / rpm	4.2 [3.1] / 3600	5.8 [4.3] / 3600	8.3 [6.2] / 3600
Direction of Rotation		Counter Clockwise, Viewed from PTO Side		
Crankshaft Type		Straight Keyed, Tapered or Threaded		
Starting System		Recoil or Recoil / 12 V Electric		
Decompression System		Manual Type with Auto-return Lever		
Charging System		12 Volt, 15 Amps (for Electric Start Models)		
Electric Stop Device		Optional, Fuel Stop Solenoid (for Electric Start Models)		
Cold Start Aid		Optional, Intake Air Heater (for Electric Start Models)		
Fuel Tank Capacity, Liters		2.4	2.9	4.7
Brake Specific Fuel Consumption at Rated Output, g / kW-hr		274	268	279
Lubrication System		Pressure Lubrication with Trochoid Pump		
Oil Capacity, Liters	[Effective]	0.80 [0.25]	1.10 [0.40]	1.60 [0.60]
Exhaust System		Expansion Silencer with Cover		
Air Cleaner		Dry Type with Paper Element Filter		
Balancing System		Single, Counter-Rotating, Balancer Shaft		
Length, Inches	[mm]	13.1 [332.5]	14.9 [378.2]	16.4 [417]
Width, Inches	[mm]	15.1 [384.5]	16.6 [422]	18.5 [470.5]
Height, Inches	[mm]	16.5 [417.8]	17.8 [453]	19.4 [493]
Dry Weight, lbs. (Recoil Start)	[kg]	58.4 [26.5]	78.3 [35.5]	105.8 [48.0]
Dry Weight, lbs. (Electric Start)	[kg]	70.6 [32.0]	88.2 [40.0]	120.2 [54.5]
Noise Output at Continuous Output Rating, Mean of Four Direction at 1 Meter		93.5 dB(A)	95.5 dB(A)	97.0 dB(A)

Note: All data subject to alteration without notice.