

Vespa LX 50 / 150

	50cc	150cc
ENGINE TYPE	Single cylinder, four-stroke catalytic Hi-PER4	Single cylinder, four-stroke catalytic LEADER
CYLINDER CAPACITY	49.4cc	150cc
BORE x STROKE	1.54" x 1.63"	2.46" x 1.91"
MAX POWER at SHAFT	3.1 kW at 8,750 rpm	8.7 kW at 7,750 rpm (11.7 CV)
MAX TORQUE	3.5 Nm at 6,500 rpm	11.5 Nm at 6,000 rpm
MAX SPEED	39 mph (62 km/h)	59 mph (95 km/h)
FUEL / TANK CAPACITY	Unleaded 91 min octane / 2.3 gallons (8.6 litres)	
DISTRIBUTION	Single overhead camshaft (SOHC) with two valves	
COOLING SYSTEM	Ram air with sound proof cover	Ram air with sound proof cover and integrated SAS (Secondary Air System)
LUBRICATION	Wet sump, 850cc capacity; chain-driven lobe pump; intake and delivery filters	Wet sump, 1,000cc capacity; chain-driven lobe pump; intake and delivery filters
IGNITION	Electric and kick start	
GEARS	CVT transformer with torque slave	
CLUTCH	Automatic dry centrifuge with damper buffers	
CHASSIS	Load-bearing steel chassis with welded structural supports	
FRONT SUSPENSION	Single arm with helical spring and dual effect hydraulic single shock absorber	
REAR SUSPENSION	Coil spring and dual effect single shock absorber	Helical spring with adjustable four-position pre-load and dual effect hydraulic single shock absorber
FRONT BRAKE	7.87" (200 mm) ø steel disc with hydraulic command	
REAR BRAKE	4.33" (110 mm) ø drum with mechanical command	
FRONT TIRE	Tubeless 110 / 70, 11"	
REAR TIRE	Tubeless 120 / 70, 10"	
LENGTH	69.1" (1,755 mm)	70.9" (1,800 mm)
WIDTH	29.1" (740 mm)	
WHEELBASE	50.4" (1,280 mm)	
SEAT HEIGHT	30.5" (775 mm)	30.9" (785 mm)
DRY WEIGHT	225 lbs (102 kg)	243 lbs (110 kg)
TYPE-APPROVAL	EPA and CARB	
AVAILABLE COLORS	 Graphite Black, Daring Plum, Dragon Red, Excalibur Gray, Aurora Light Blue	

