



TECHNICAL SPECIFICATION

1 March 2011

SPYKER C8 SPYDER AND LAVIOLETTE

Body style

Two-door, two-seater mid-engine open top and coupe sports car. All-aluminium spaceframe chassis with aluminium body panels. Mid-position, longitudinally-mounted V8 engine driving the rear wheels via a six-speed manual transmission.

Engine

Type	Normally aspirated 90 degree V8 with VVT
Capacity	4.2-litre, 4172 cc
Bore & Stroke	84.5 x 93.0 mm
Compression ratio	11.0:1
Max power	400 ps (298 Kw) @ 6800 rpm
Max torque	480 Nm (354 lb ft) @ 3500 rpm
Max revolutions	7500 rpm
Valves	40 (5-per-cylinder)
Fuel system	Multi-point fuel injection

Drivetrain & Transmission

Transmission	Rear-mounted Getrag 6-speed manual gearbox
LSD	Drexler Limited Slip Differential

Suspension

Front	Fully independent double wishbones, with shock absorbers, springs and anti-roll bar
Rear	Fully independent double wishbones, with shock absorbers, springs and anti-roll bar

Steering

Type	Speed-sensitive hydraulic power assisted rack & pinion
Gearing	2.6 turns of steering wheel lock-to-lock

Brakes

Front	356 mm diameter vented and cross-drilled steel discs with six-piston AP Racing brake callipers.
Rear	330 mm diameter vented and cross-drilled steel discs with four-piston AP Racing brake callipers.
Safety Aids	Anti-lock Braking System (ABS) Electronic Brake Distribution (EBD)

Wheels

Standard:	
Front	8J x 18 multispoke ATS LeMans alloy wheels
Rear	10J x 18 multispoke ATS LeMans alloy wheels



Optional:
Front 8.5J x 19 in Aeroblade™ in alloy
Rear 9.5J x 19 in Aeroblade™ in alloy

Tyres

Standard:
Front 225 / 45 ZR18
Rear 265 / 35 ZR18

Front 235 / 35 R19
Rear 265 / 30 R19

Dimensions

Length	4185 mm	165.0 in	
Width	1880 mm	74.0 in	(excluding door mirrors)
Height	1245 mm	49.0 in	
Wheelbase	2575 mm	101.0 in	
Front track	1400 mm	55.0 in	
Rear track	1580 mm	62.0 in	

Weights & Capacities

Kerb weight	Spyder: 1275 kg / 2805 lbs	Laviolette: 1300kg / 2866 lbs
Fuel tank	75 litres / 16.5 gallons (US)	
Luggage capacity	105 litres (50 kg)	

Performance

Acceleration	0-100 kph (62 mph) – 4.5 seconds
Max speed	300 kph (186 mph)

Fuel Consumption

Combined Cycle	13.3 l/100 km
CO2	315 g/km

- Ends -

For further information, please contact:

Mike Stainton / Tom Housley, PFPR Communications
T: +44 (0) 1622 77 66 87 / +44 (0) 1622 766510
M: +44 (0) 7739 891 040
E: mike.stainton@pfpr.com / thomas.housley@pfpr.com