



Lotus Cars Australia

Lotus Europa S Technical Specifications

Technical Specifications		
Engine	Mid-mounted, transverse, 1998cc turbo charged engine, 4 cylinders in line, water cooled with double overhead camshafts. 4 valves per cylinder, multi-point sequential system fuel injection and electronic ignition. GM Ecotec Family 2 Z20LER	
Engine management	Bosch engine control unit	
Max Power	147 kW (197 hp, 200 PS) at 5400 rpm	
Max Torque	272 Nm (200 lb ft) at 5000 rpm	
Power to weight ratio	148 kW/t (198 hp/t, 205 PS/t)	
Specific power output	74 kW/l (99 hp/l, 100 PS/l)	
Emissions control	Three-way catalytic converter. Euro IV emissions compliant with full On-Board Diagnostics (OBD).	
Transmission	M32 Gearbox, aluminium construction, 6-speed, constant mesh helical gears and open differential.	
Suspension	Fully independent sport suspension utilising unequal length wishbones, Bilstein mono-tube gas damper, Eibach coaxial coil spring at each corner and front anti-roll bar.	
Chassis	Lotus designed lightweight structure of epoxy bonded aluminium alloy extrusions with integral steel seat-belt support structure and lightweight steel rear subframe.	
Steering	Solidly mounted mechanical rack and pinion steering box with 2.8 turns lock-to-lock.	
Brakes	Servo-assisted, track tuned 4-channel Anti-lock Braking System (ABS) with Lotus/AP-Racing twin-piston fixed aluminium alloy front brake calipers, Brembo single-piston sliding rear calipers and 288 mm diameter, 26 mm thick front and rear cast-iron ventilated discs.	
Wheels	Unique lightweight wheels (17" front and rear)	
Tyres	Front	Bridgestone Potenza 175/55 R17
	Rear	Bridgestone Potenza 225/45 R17
Gear ratios	First	3.818 :1
	Second	2.158 :1
	Third	1.475 :1
	Fourth	1.067 :1
	Fifth	0.875 :1
	Sixth	0.744 :1
	Reverse	3.545 :1
Final drive	3.941 :1	

Performance Figures

0-60 mile/h	5.5 seconds
0-100 km/h	5.8 seconds
0-100 mph (≈ 0-160 km/h)	13.8 seconds
Maximum speed	230 km/h (143 mph)
Fuel consumption - urban	12.7 ℓ/100km
Fuel consumption - extraurban	7.26 ℓ/100km (38.9 mpg)
Fuel consumption - combined	9.29 ℓ/100km (30.4 mpg)
CO ₂ emissions	220 g/km
Weight distribution	38% Front - 62% Rear
Fuel tank capacity	43.5 ℓ (9.6 gal - UK)
Luggage capacity	154 ℓ - 50 kg

Dimensions

Wheelbase	2330 mm
Track - front	1457 mm
Track - rear	1490 mm
Overall length	3900 mm
Overall width (door mirrors excluded)	1714 mm
Overall width (door mirrors included)	1850 mm
Overall height - midladen (as per unladen with 2x 75 kg occupants)	1120 mm
Overhang - front	815 mm
Overhang - rear	754 mm
Ground clearance - midladen (as per unladen with 2x 75 kg occupants)	140 mm
Vehicle mass - unladen (running order, full tank of fuel, no occupants, no luggage)	995 kg

Aero

Aero package consists of flat underbody and rear lip spoiler

Exterior

Paint:	
Standard	British Racing Green
Metallic	Arctic Silver, Storm Titanium, Magnetic Blue, Nightfall Blue, Canyon Red, Polar Blue, Aubergine Purple, Starlight Black.
Lifestyle	Aspen White, Laser Blue, Graphite Grey
Custom	Special colours and paint schemes available on application
Other	Auxiliary front lights (standard)

Interior (Standard)

Leather trimmed ProBax seats (Black or Black/Tan)
Twin Airbags – Driver and passenger
Leather trimmed steering wheel (Black)
Plain leather sun-visors (Black)
Perforated leather gear-lever gaiter (Black)
Perforated leather handbrake-lever gaiter (Black)
Polished aluminium gear-knob
Full carpet set (Black)
Electric windows & central door locking
Polished aluminium heater control knobs
Polished aluminium handbrake sleeve
Foot-well divider (carpeted) with lightweight aluminium passenger foot-rest (carpeted)
Noise insulation panelling
Alpine Radio & CD/RW player with 4 speakers
Immobiliser and remote activated alarm

Options

Standalone Options	Paint
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