

# LOTUS SPORT

## Elise Track cars

When Lotus founder, Colin Chapman, established the 'Lotus Engineering Company', it was primarily to fund his passion for motor racing. That passion, which took Lotus to 79 Grand Prix wins, seven Formula One Constructors' World Championships, and countless national and international race victories, including Le Mans, lives on today in Lotus Sport.

In motorsport circles, such is Lotus' reputation for innovation, technology and dominating performance, that we proudly number the likes of the legendary Jim Clark, Ayrton Senna and Mika Hakkinen among our team drivers in the past.

Our racing pedigree is complemented by the exotic glamour of Lotus sports cars, much appreciated by many thousands of discerning customers and enthusiasts.

Established in 1999, Lotus Sport is the motorsport arm of Lotus Cars. The company designs and builds cars for customers who want to use their Lotus' on the track. Our range of cars are based on the award winning Elise, Exige, 340R and Esprit models with specifications tailored to suit individual requirements and budgets.

We encourage Lotus customers to discuss their particular needs with Lotus Sport experts. This allows us to build bespoke versions of each model to suit individual requirements, ranging from colour and trim options to engine and transmission upgrades.

### Lotus Sport Elise 190

Designed to cater for the increasing number of customers who wish to use their cars on track, the new Lotus Sport 190 has been introduced. The car, based on the new Elise is powered with a 190bhp version of the K series engine, and is fitted with the essential safety items for track use. A large number of options are available for the car to suit all requirements.



# Elise Track cars

## Technical Specification:

### Engine

- Transverse mid engine
- 1.8 litre DOHC 16V 4 cylinder inline
- Power: 192PS (190bhp) @ 7800r/min
- Torque: 174 Nm (128 lb.ft) @ 5000r/min
- Race cooling system
- Engine oil cooler

### Transmission:

- 5 speed close ratio gearbox driving rear wheels. Hydraulic Clutch.

### Suspension:

- Double Wishbone with coil springs over gas pressured racing dampers.
- Adjustable ride heights.
- Adjustable front Anti Roll Bar.

### Wheels/Tyres:

- Front: 6.5" x 16" wheels (Tyres to suit application)
- Rear: 7.5" x 17" wheels (Tyres to suit application)

### Chassis:

- Unique ultra light extruded aluminium bonded construction chassis with lightweight rear subframe.

### Body:

- Lightweight composite body panels

### Safety:

- Safety roll bar
- MSA approved race seat and 4 point race harnesses
- Plumbed in fire extinguisher system
- Battery master cut out switch

This car is intended for track use only



### Brakes:

- 282mm diameter ventilated discs, Lotus/AP Racing 2 piston aluminium front calipers and racing pads.

### Steering:

- Rigidly mounted rack and pinion: 2.8 turns lock to lock.

### Performance\*:

- Maximum Speed 135 mph (200km/h)
- 0 - 60mph 4.4 seconds, 0 - 100km/h 4.5 seconds

### Dimensions:

- Length: 3785 mm
- Width: 1719 mm
- Height: 1143 mm
- Weight: 710Kg

Optional extras: The following components are available to order in addition to the standard specification. Please contact us for further details.

- Custom exterior paint colour scheme
- Custom interior trim
- Motorsport Clutch Plate
- Limited Slip Differential
- Race 'dog' gearbox
- Carbon Induction Chamber
- 2 way adjustable Dynamics Dampers/ Eibach springs
- Rose Jointed Wishbones
- Upgraded AP Racing brake kit
- 6 Point Race Harness
- Catalytic Converter
- MSA approved passenger seat
- MSA approved roll bar

\*estimated figures



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Lotus Motorsport, Hethel, Norwich NR14 8EZ, England

Tel: +44 (0)1953 608507 Fax: +44 (0)1953 608685 E-mail: motorsport@lotuscars.co.uk

www.LotusMotorsport.com