

THE LOTUS **ELISE**



“Simplify, then add lightness”



THE LOTUS ELISE

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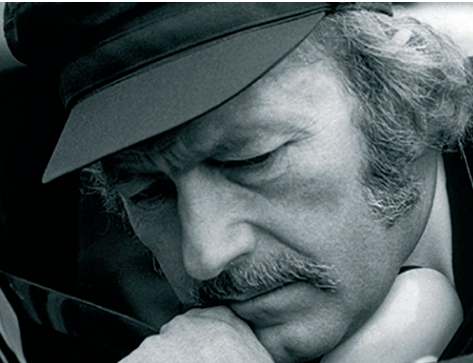
A UNIQUE PLACE IN HISTORY

From the original Elite to the latest Evora, Lotus has remained true to its founding principles. Lightweight construction, efficient use of the minimum number of parts, a perfectly balanced chassis and tactile, communicative steering are evident in every driving icon to proudly carry the Lotus badge.

Since the day Colin Chapman established Lotus in 1952, the company has never ceased to innovate. This has earned Lotus a distinguished place in motorsport history. In Formula 1 alone, Lotus has achieved 81 victories, 102 pole positions and 13 World Championships from over 500 Grand Prix starts. Lotus designs have also beaten the best in World Rally, Le Mans, Indy Car, Touring Car and numerous Sports Car and GT classes around the world.

Colin Chapman applied pioneering, lightweight engineering to every one of his race and road cars. He is widely regarded as one of the most influential automotive engineers of all time. From the

introduction of the monocoque chassis, to aerofoil wings, 'ground effect' and active suspension, Chapman's innovations changed racing car design forever. Lotus continues to push the boundaries of automotive design and engineering today with expertise in lightweight construction, performance electronics, the bonded aluminium chassis, the world's only mid-engined 2+2 sports car and industry benchmark steering, ride and handling. A deeply ingrained passion for innovation remains at the heart of everything Lotus does today.



Above: Founder Colin Chapman.
Right: 1972, Fittipaldi in the iconic black and gold livery debriefs Chapman.



“If you’re not winning, you’re not trying.”
Colin Chapman



FIA Formula 1
Constructors' World Championships



FIA Formula 1
Drivers' World Championships



FIA Formula 1
Grand Prix Wins



Le Mans
Wins
(in Class)



Indianapolis 500
Win



FIA World Rally
Championship

PERFORMANCE THROUGH LIGHT WEIGHT

Throughout the 1950's, Lotus constructed a series of aerodynamically advanced, lightweight Sportsracers. Typified by the revered Lotus Eleven that won its class at Le Mans in 1957, all were spectacular examples of Colin Chapman's ethos. His passion for innovative, lightweight engineering was best encapsulated by his famous quote from the launch of the Lotus Seven in 1957: "to increase performance, add lightness".

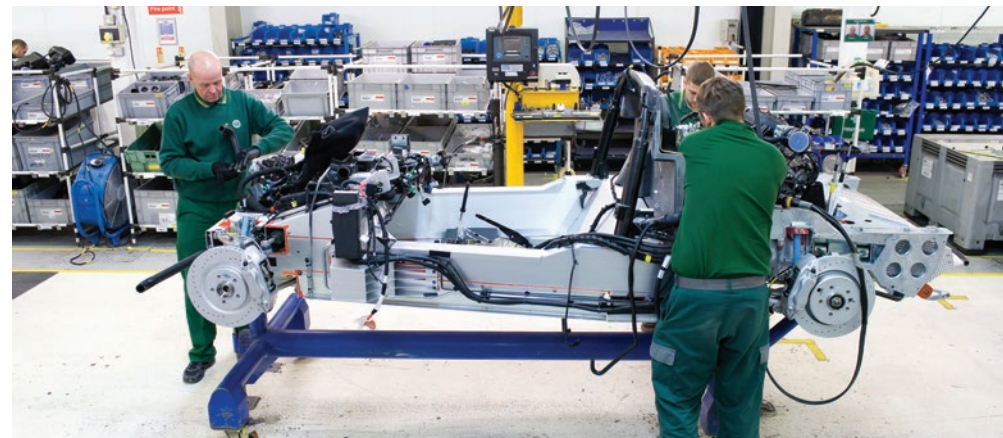
Chapman's engineering ideals, proven time and time again in the toughest of environments, are more relevant today than ever. They live-on in the celebrated Lotus Elise. Launched to great acclaim in 1996, this mid-engined, rear-wheel drive, ultra-light thoroughbred redefined the sports car once again. Its revolutionary, bonded aluminium chassis delivers the ultimate driving sensation, providing

exceptional feedback with thrilling acceleration and extremely low running costs for the performance on offer. Over two decades later, it remains unmatched for precision, agility and pure driving engagement.

Today, the Lotus Lightweight Laboratory maintains Colin Chapman's legacy and ensures that his ethos is applied to every new model. After a complete strip down, every component is assessed and optimized through redesign, change of material, change of supplier or integration. If one part can be made to do the job of several, this is where it happens. Improvement is continuous. The quest to add lightness never ends. The result is the fastest, most exciting, most capable range of road cars Lotus has ever built.



BUILT-IN PERFORMANCE



The name Lotus is synonymous across the world with sublime handling and exceptional vehicle dynamics. The key to it all is that every Lotus is designed and engineered from scratch with a singular focus. Every Lotus is purpose-built to be a pure sports car.

Any mass-produced saloon or hatchback can be made to go faster but it's never the optimal starting point for a performance car. For that, you need an exceptionally light, rigid chassis designed by a company with seven decades of elite-level motorsport experience. Every Lotus, from the Elise Sport 220 to the Evora GT410



Sport, benefits from a bespoke, motorsport tested, bonded aluminium chassis. The pioneering process of bonding aluminium extrusions remains state-of-the-art today and provides the ideal platform for some of the highest quality suspension components to be found on any road car.

Each and every Lotus car features the optimal, cost-no-object design of unequal length double wishbones for superior kinematics, absolute precision, intuitive response and maximum tyre grip. With all four contact patches optimally controlled, the Elise can generate astonishing cornering forces from modest tyres.

Very few car companies today offer such high quality suspension across the range. Then again, very few car companies focus exclusively on purpose-built sports cars.

The other secret to world-renowned ride and handling expertise, is the on-site test track at Hethel. A luxury enjoyed by few other car makers, it allows Lotus to develop cars faster and more intensively. Every Lotus is painstakingly honed to extract every last drop of dynamic performance from each component – remaining true to Colin Chapman's principle of performance through light weight.



THE LOTUS **ELISE**





THE LOTUS ELISE INTRODUCTION

The Lotus Elise continues to be hailed as one of the finest driver's cars available at any price. The torchbearer for Colin Chapman's ethos of performance through light weight, it remains the purest useable sports car in production today. The latest generation to carry the evocative name retains the supple road holding, fluid dynamics and tactile feedback of the original and combines this with stunning performance, low CO2 emissions and remarkable efficiency.

As you'd expect from a thoroughbred, mid-engined sports car, its compelling agility is built-in to every component. The lightweight, rigid, bespoke chassis supports optimal, finely tuned, double wishbone suspension for absolute handling precision. No other sports car tackles the open road with the verve of an

Elise, where every driver input has such a clear and immediate effect on the car's behaviour. Even more remarkable than the intuitive, instant response is the communication coming back to the driver. The unassisted steering remains an industry benchmark and dynamic delight, full of richly detailed feedback, keeping the driver informed and connected with the car, the tyres and the road. It is this unrivalled intimacy between man, machine and road surface that makes the Elise so endlessly rewarding to drive at all speeds.

The Elise range now starts with the potent supercharged, chargecooled Elise Sport 220. Above that, the performance gets even more serious and track focused with the deeply capable, downforce generating, Elise Cup 250.

THE LOTUS ELISE SPORT 220

As athletic as the name suggests, the Sport 220 is the culmination of over twenty years of Elise development. Lighter body panels front and rear help achieve a kerb weight of just 924kg, making the Sport 220 the lightest Lotus currently available. As such, it's the torchbearer for performance through light weight - a virtuous circle more desirable and relevant than ever. The low mass multiplies the potency of the compact, all-alloy, supercharged and chargecooled 1.8 litre four-cylinder. It rockets the Sport 220 from zero to 60mph in just 4.1 seconds, on to a maximum speed of 145mph. Yet the cold numbers don't do the driving experience justice. The poise, the balance, the immediacy, the delicacy, the intimate connection to the car and the road will make an even greater impression than the rush of full throttle acceleration. Control weights are meticulously balanced. The exposed gear linkage saves weight, adds precision and mechanical tactility. The unassisted steering remains an industry benchmark for vivid communication, fingertip delicacy and intuitive response. Crucially, the Elise Sport 220 delivers unsurpassed driver involvement at all road speeds.



*Model shown features cost option black pack

TECHNICAL SPECIFICATION

PERFORMANCE	ELISE SPORT 220
Max power	217 hp at 6800 rpm (220 PS) (162 kW)
Max torque	184 lb ft at 4600 rpm (250 Nm)
0-60 mph	4.2 seconds
0-100 km/h	4.6 seconds
Max speed	145 mph (234 km/h)
Fuel consumption (WLTP) mpg (l/100 km)	
Low	24.6 (11.5)
Medium	38.7 (7.3)
High	42.2 (6.7)
Extra high	38.2 (7.4)
Combined	36.7 (7.7)
Combined CO ₂ emissions	174 g/km
Unladen weight	924 kg

ENGINE AND TRANSMISSION
SPORT 220: All alloy, 1.8 litre DOHC 4 cylinder, dual VVT-i, 16-valve with chargecooled supercharger
Mid-mounted, transverse, rear wheel drive
6 speed manual gearbox with sports ratios



CHASSIS AND BODY

Lightweight, extruded aluminium bonded chassis structure

Fully independent double wishbone sports suspension with anti-roll bar

Bilstein high-performance dampers, front and rear

Eibach springs, front and rear

AP Racing twin-piston front calipers and single-piston rear calipers

ABS system

Driver selectable ESP modes

Tyre pressure monitoring system (TPMS)

EXTERIOR SPECIFICATION

Lightweight silver or black cast alloy wheels (16" front and 17" rear)

Front Yokohama Advan Neova V105 tyres 195/50 R16

Rear Yokohama Advan Neova V105 tyres 225/45 R17

Servo assisted, cross drilled & ventilated brake discs, 288 mm diameter, front & rear



Aerodynamically optimised black rear diffuser

Black soft-top

Clear sill stone chip protection film

INTERIOR SPECIFICATION

Black leather trimmed steering wheel

Polished aluminum gear knob and leather handbrake sleeve

Exposed aluminium gearshift mechanism

Technical fabric sports seats and part leather interior

Black leather trimmed sill covers

Engine start push button

Driver and passenger airbags

Tyre puncture repair kit

OPTIONS: INTERIOR AND TRIM

Alcantara® trim pack

Leather trim pack

Tartan trim pack

Alcantara® trimmed steering wheel

Alcantara® trimmed vent surrounds

Alcantara® trimmed sill covers



Interior colour pack (red, yellow, silver, orange or black)

Full carpet

Floor mats

OPTIONS: EXTERIOR AND BODY

Hardtop

Black pack (matt black rear transom, roll hoop cover, mirror plinths/pods & front access panel)

Red painted brake calipers

OPTIONS: COMFORT AND COMMUNICATION

Air conditioning

Bluetooth enabled stereo plus two front-mounted speakers

Sound insulation

Cruise control

OPTIONS: LIGHTWEIGHT AND PERFORMANCE

Silver or black 10-spoke forged wheels (16" front & 17" rear)

Lightweight lithium-ion battery

Polycarbonate backlight glass

Titanium exhaust

Two-piece high-performance brake discs

Sport dampers

Carbon fibre hardtop

Carbon fibre front access panel

Carbon fibre tailgate

Carbon fibre roll hoop cover

Carbon fibre sports seats

Carbon fibre sill covers

PAINT OPTIONS

Signature paint

Metallic paint

LOTUS EXCLUSIVE OPTIONS

Exclusive paint: alternative metallic colours

Exclusive paint: alternative pearlescent colours

Exclusive paint: custom colour choice

Bespoke double colour stitching (any colour)

Exclusive leather: alternative colour

Specified forged wheel in alternative finish

THE LOTUS ELISE
CUP 250

Intensely thrilling on the road and built for true stamina on track, the Elise Cup 250 demonstrates the circuit prowess you would expect from a 7 times F1 World Champion. A scintillating blend of agility, power, grip, balance and communication elevates the Cup 250 to an elite level of vehicle dynamics. The compact, all-alloy, chargecooled, supercharged 1.8 litre four-cylinder has been uprated to a potent 245bhp. A figure amplified by the ultra-low mass for an intense 263bhp per ton, 0-60mph in just 3.9 seconds and a top speed of 150mph.

The Cup 250 combines the celebrated virtues of the iconic Elise with highly advanced aerodynamics, generating 131kg of downforce at 140mph. The result is uncanny high-speed stability, sharper turn-in, increased grip and supreme composure. However, this thoroughbred track car did not forget its road manners. One of the many benefits an unladen weight of just 931kg is the opportunity to achieve exceptional body control with compliant suspension. Back down at road speeds, you'll have time to notice the meticulously balanced control weights. The

exposed aluminium gear linkage saves weight, adds precision and mechanical tactility. The renowned unassisted steering communicates with rich detail and vivid clarity for unrivalled driver involvement. However, to fully appreciate the monumental grip generated by the Yokohama Advan A052 tyres, you will need to visit a race circuit. The Cup badge is not for show. It's the mark of a car that was built to lap hard all day without complaint and could be raced competitively by adding no more than a roll cage. Bred for the track, brilliant on the road, the Cup 250 is a sports car icon at the very top of its game.



TECHNICAL SPECIFICATION

Table with 2 columns: Category (Performance, Engine and Transmission, Chassis and Body, Exterior Specification, Interior Specification, Options: Interior and Trim) and Details (e.g., Max power, Fuel consumption, Combined CO2 emissions, etc.).



Table with 2 columns: Category (Chassis and Body, Interior Specification, Options: Exterior and Body, Options: Comfort and Communication, Options: Lightweight and Performance) and Details (e.g., Polycarbonate backlight glass, Black soft-top, Carbon fibre sports seats, etc.).

Table with 2 columns: Category (Options: Exterior and Body, Options: Comfort and Communication, Options: Lightweight and Performance) and Details (e.g., Interior colour pack, Bluetooth enabled stereo, Carbon Aero Pack, etc.).

Table with 2 columns: Category (Options: Exterior and Body, Options: Comfort and Communication, Options: Lightweight and Performance) and Details (e.g., Carbon fibre HVAC surround, Titanium exhaust, Ultra-lightweight silver forged alloy wheels, etc.).

PAINT
OPTIONS



SOLID YELLOW C206



SOLID RED C183

METALLIC PAINTS



METALLIC GREY C185



METALLIC BLACK C186



METALLIC SILVER C190



METALLIC WHITE C201



METALLIC BLUE C202



RACING GREEN C203



METALLIC ORANGE C205



METALLIC LIGHT BLUE C208



METALLIC DARK GREY C213



ELISE BLUE C214

Images are for comparison use only, please speak to your local dealer for physical print samples.

FURTHER INFORMATION

The information and images in this brochure are based on the current technical data when going to print. As part of a policy of continuous specification improvements, Lotus reserves the right to modify specifications, technical equipment, options and colours at any time. For the latest details please contact your authorised Lotus dealership or visit lotuscars.com. Throughout this brochure, wherever a feature is described as an option it should be assumed that it will be at extra cost to the base vehicle unless specifically stated to the contrary. All model and colour combinations are subject to availability.

Certain options or combinations of options may be unavailable in certain markets. Performance results may vary depending upon the specification of the particular vehicle, environmental conditions, driving style and other factors. Published figures should be used for comparison purposes only and verification should not be attempted on public roads. Lotus

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