

F1 PERFORMANCE FROM A BRITISH WORLD CLASS TEAM

Form is Function




caparo



AN ENGINEER'S DREAM,
REALISED WITHOUT COMPROMISE



"Everything pointed to a demand for a new kind of supercar – something that was light, agile, quick and could stand the pace."



Ben Scott-Geddes and
Graham Halstead



"YOU ARE STARING AT WHAT COULD BE THE GREATEST PERFORMANCE CAR OF ALL TIME."

CAR Magazine – April 2006



Developed by engineers that helped deliver the iconic McLaren F1, the Caparo T1 is a new uncompromised and unconstrained sports car that sets new boundaries in performance, driver experience and enjoyment. The Caparo T1 has an unrivalled, extremely high speed dynamic performance envelope.

The Caparo T1 is a track day and road going 2 seater sports car using aerospace and high formula composite racing technologies whilst providing race bred safety.

This extremely lightweight sports car is capable of true 'aerodynamic' high speed performance and delivers a new level of acceleration, cornering and braking to the driver at 3g+ via its 1000 bhp/tonne performance specifications.

The Caparo T1 is a cost effective and reliable race car, setting new milestones in supercar performance.

THE ULTIMATE
TRACK DAY CAR



The Caparo T1 is born from a pure engineering base with no compromises and delivered by a team that has played a significant role in the design and development of some of the worlds fastest and prestigious vehicles. Their skills lie in producing literally the worlds best sports, road and racing cars and applying revolutionary design techniques and innovations to the T1, to create the ultimate track day experience.



3g cornering is developed by diffusers to generate almost all its downforce from the flow of air under the car. Front and rear wings are adjustable to tune the Caparo T1's balance.

Performance

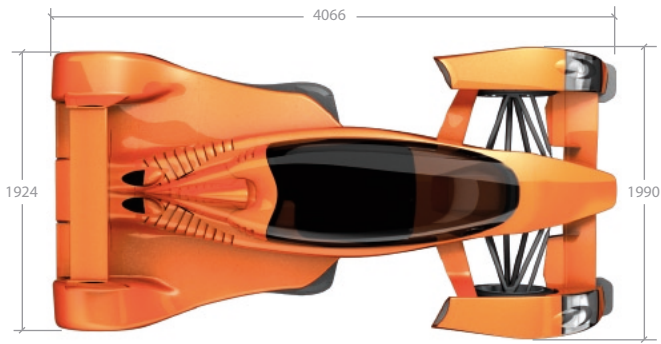
"THIS IS THE FIRST TIME THAT FORMULA ONE MATERIALS TECHNOLOGY AND DESIGN
HAVE BEEN USED TO CREATE A PERFORMANCE ENVELOPE OF THIS MAGNITUDE"

Gordon Murray – April 2006

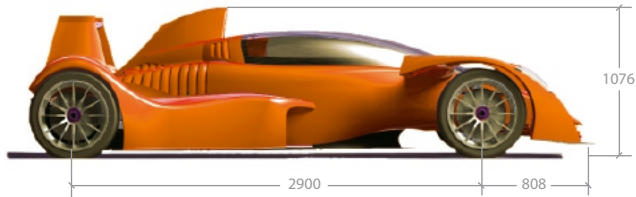


MAXIMUM SPEED: >322KM/H (200MPH) – (LOW DOWNFORCE SETUP)
0-160KM/H (0-100MPH): <5 SECONDS
0-96KM/H (0-60MPH): <2.5 SECONDS – (DEPENDING ON TYRE SETUP)
LATERAL ACCELERATION: UP TO 3G+
BRAKING DECELERATION: UP TO 3G+





TECHNICAL SPECIFICATION



"A POWER-TO-WEIGHT RATIO DOUBLE THE BUGATTI VEYRON'S, AND SO MUCH DOWNFORCE YOU WILL BE ABLE TO DRIVE IT UPSIDE DOWN IN A TUNNEL AT 150MPH,"

CAR Magazine May 2006



DESCRIPTION

- Advanced technology composites
- Ultra high performance
- Fully tuneable
- 2 seater
- Rear mid-engined

AERODYNAMICS

- Front cockpit road aero screen, other options available for track use – TBA
- Ground effect diffuser
- Adjustable front twin element wing
- Adjustable rear single element wing
- Adjustable fowler flaps
- Low drag body design
- Range of wing options – road and track

STEERING

- Magnesium cased light weight high ratio steering rack
- Bespoke removable steering wheel

CAPACITIES

- Dry sump tank 8 litres
- Fuel tank 70 litres

BODY

- Carbon fibre multi part body with tuneable aerodynamics
- Designed in sections for easy repair
- Carbon/glass and Nomex panel construction

CHASSIS

- 2 seater carbon/aluminium honeycomb monocoque
- Separate front composite crash structure
- Rear tubular aerospace grade steel spaceframe

SUSPENSION

- Streamline double wishbone front and rear
- Tuneable front and rear anti-roll bar
- Five-way adjustable race dampers

ENGINE

- Aluminium V8
- Dry sump
- 480bhp @ 10,500rpm / 1000bhp per tonne

SAFETY

- Central safety cell with high strength steel roll hoop
- Composite front crash structure
- Head protection system
- 6 point harness for driver and passenger compatible with HANS device
- Fire system

ELECTRONICS

- Fully tuneable engine ECU
- Bespoke wiring aerospace grade loom
- Multi-function race dash including data logging
- Speed sensors for traction and launch control
- Fly-by-wire throttle for optimum tuning

GEARBOX

- Magnesium/carbon 6 speed sequential gearbox
- Paddle shift gear change control
- Limited slip differential
- Equal length hollow tripod driveshafts
- Various gear and final drive ratios available

BRAKES

- 355 dia steel race discs front and rear
- Fully floating discs
- Front 6 pot billet machined race callipers
- Rear 4 pot billet machined race callipers
- Fully adjustable brake bias pedal box
- Pad compound options available

EQUIPMENT

- Road legal SVA approved road version and full track versions available
- Road and track parts fully interchangeable
- Wet weather canopy/bib screen or race screen
- Further options –TBA

WEIGHT

- 470Kg (dry weight)





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