



TOYOTA MOTORSPORT GmbH DRIVING SIMULATOR



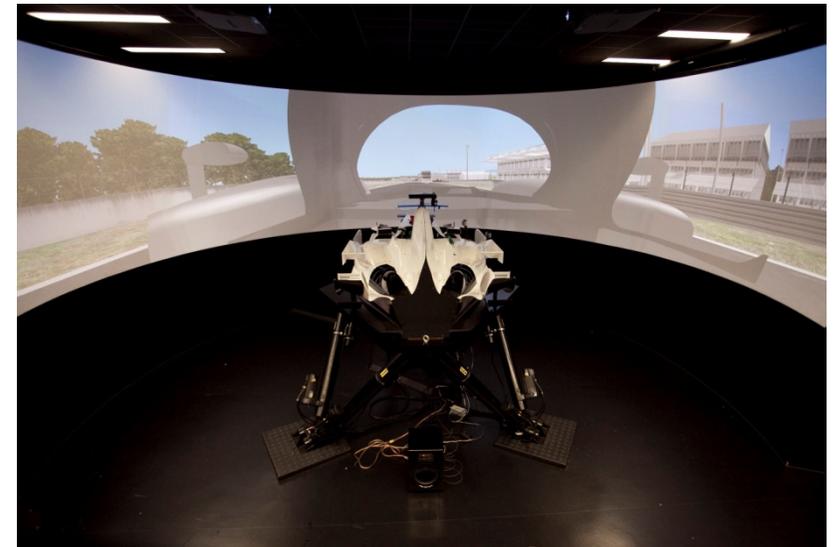


TOYOTA MOTORSPORT GmbH
THE HOME OF HIGH PERFORMANCE

The driving simulator at Toyota Motorsport GmbH was exclusively developed to our unique specifications and allows driver-in-the-loop engineering and driver acclimatisation.

The simulator is a dedicated engineering tool, featuring the latest technology to accurately reproduce the driving experience in a virtual environment.

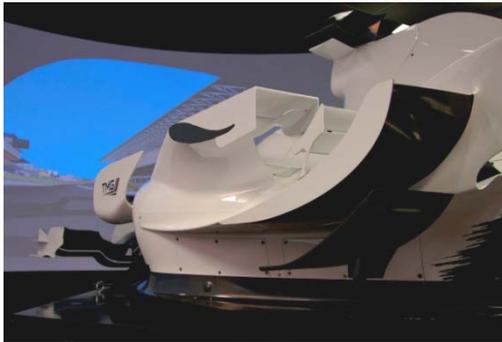
With more detailed circuit models than anywhere else, TMG's simulator is a next-generation tool for car development where completely consistent and repeatable track conditions promote reliable evaluation that is directly relevant to your development programme.



The accuracy of every track is assured thanks to an exhaustive development process featuring professional driver input and focusing on every detail, from the kerb angles and track surfaces to background scenery and other visible features.

A six-degrees-of-freedom electric motion platform simulates driving sensations and an electric feedback motor creates realistic steering torque while TMG's vehicle model translates wind tunnel kinematic data to simulate the effect of aerodynamic or mechanical changes.

DRIVING SIMULATOR



Open or closed cockpit options

Simulated vehicle models for Formula 1, GP2, Le Mans Prototype and Super GT cars

Accurate tyre model includes thermal effects

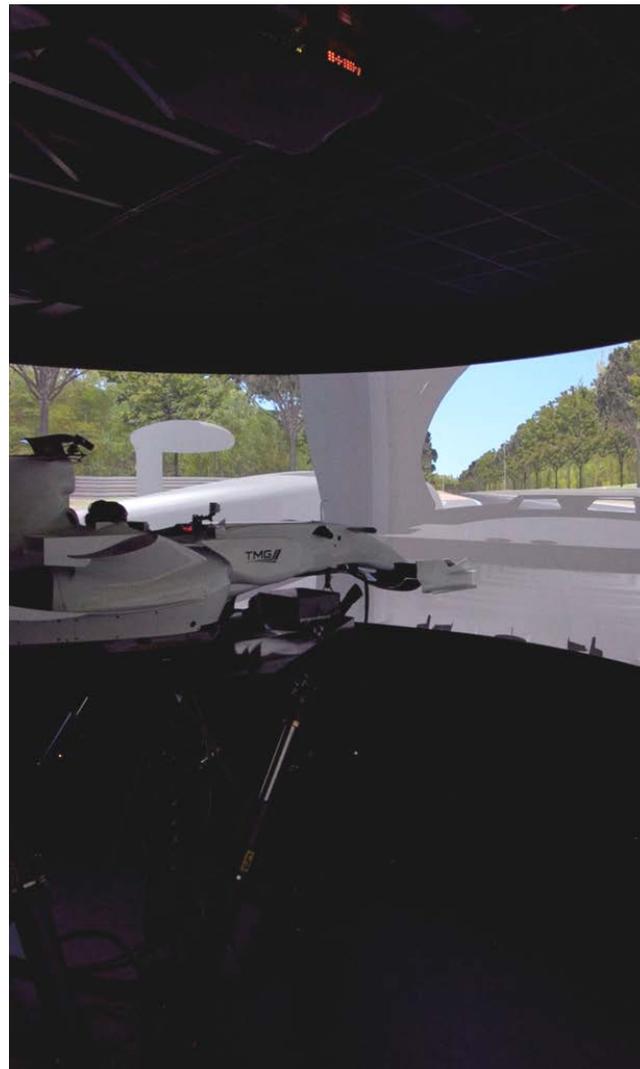
Choice of weather conditions

Interactive pit crew for pit procedure practice

Six-degrees-of-freedom electric motion platform

Steering torque simulation

Exclusive TMG development



Laser-mapped circuits for incredible accuracy

Vehicle model translates wind tunnel kinematic data to simulate aerodynamic or mechanical changes

Professional driver input ensures accuracy

Realistic radio communication with race engineer

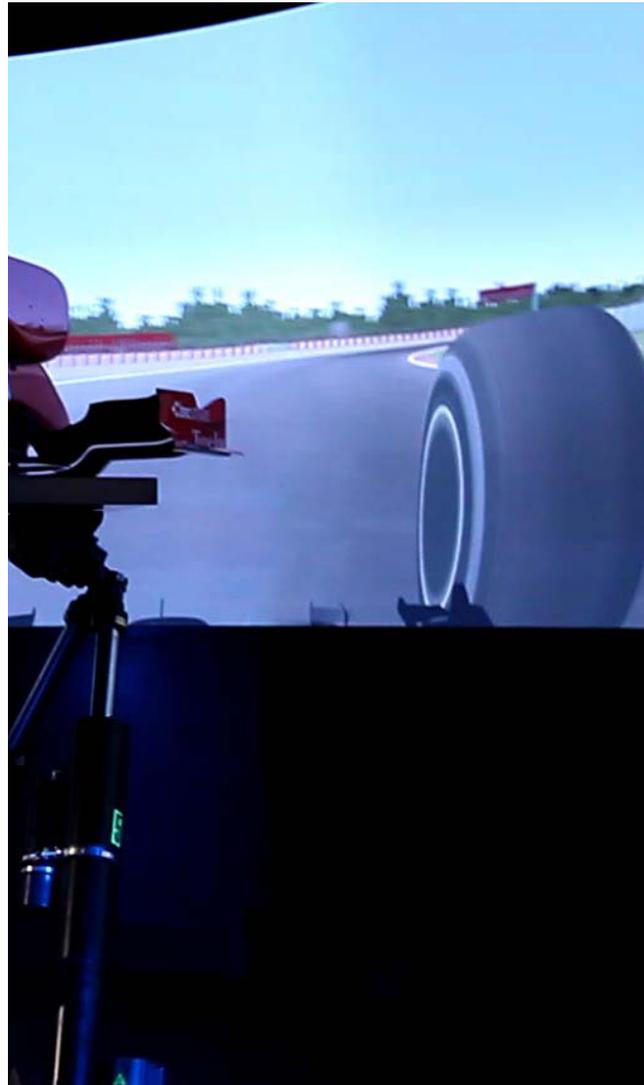
Consistent and repeatable track conditions

Safe and predictable testing environment

DRIVING SIMULATOR SPECIFICATIONS

Track List

Albert Park Circuit
Autodromo Nazionale Monza
Bahrain International Circuit
Circuit de Catalunya
Circuito de Jerez
Circuit de Monaco
Circuit de la Sarthe (Le Mans)
Circuit de Spa-Francorchamps
Fuji Speedway
Hungaroring
Hockenheim
Interlagos
Marina Bay Circuit
Nürburgring Nordschleife
Sepang International Circuit
Silverstone Circuit
Suzuka Circuit
Valencia Street Circuit
Vehicle Dynamics Area



| | |
|---------------------|---------------------|
| Screen | 220° fixed |
| Projectors | 5 |
| Refresh Rate | 100Hz |
| Resolution | 1,400 x 1,050dpi |
| Latency | ~40milliseconds |

| Platform | |
|----------------------------|-----------------|
| Lateral Travel | ±0.6m |
| Longitudinal Travel | ±0.6m |
| Vertical Travel | ±0.6m |
| Yaw | ±38° |
| Roll | ±27° |
| Pitch | ±27° |
| Latency | ~50milliseconds |



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For a detailed discussion on how the driving simulator can contribute to your engineering or driver development programmes, contact us for a no-obligation consultation.

As a multi-national company we have representatives speaking all major European languages and several more besides, while discretion and client confidentiality come as standard.

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