

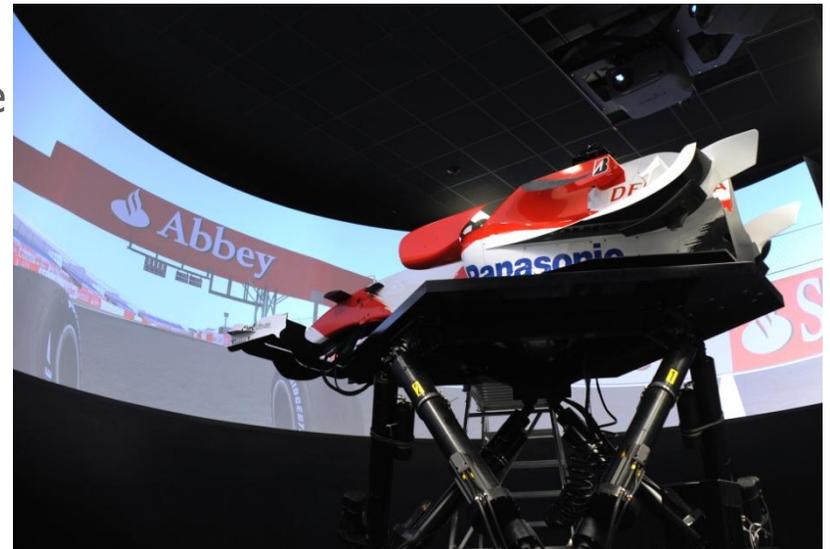
TOYOTA MOTORSPORT GmbH DRIVING SIMULATOR



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.

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DRIVING SIMULATOR



Open or closed cockpit options

Fully parameterisable dynamic vehicle model allows simulation of various car types

Accurate tyre model includes thermal effects

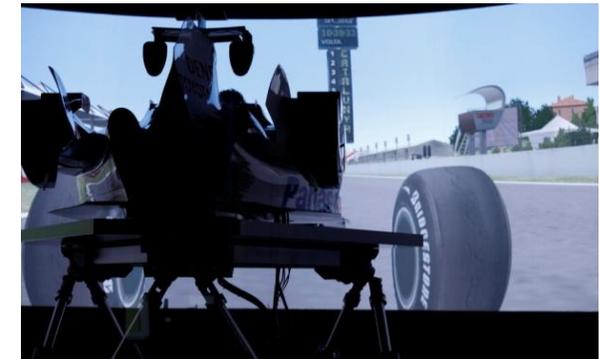
Choice of weather conditions

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 Spa-Francorchamps

Fuji Speedway

Hungaroring

Marina Bay Circuit (coming soon)

Sepang International Circuit

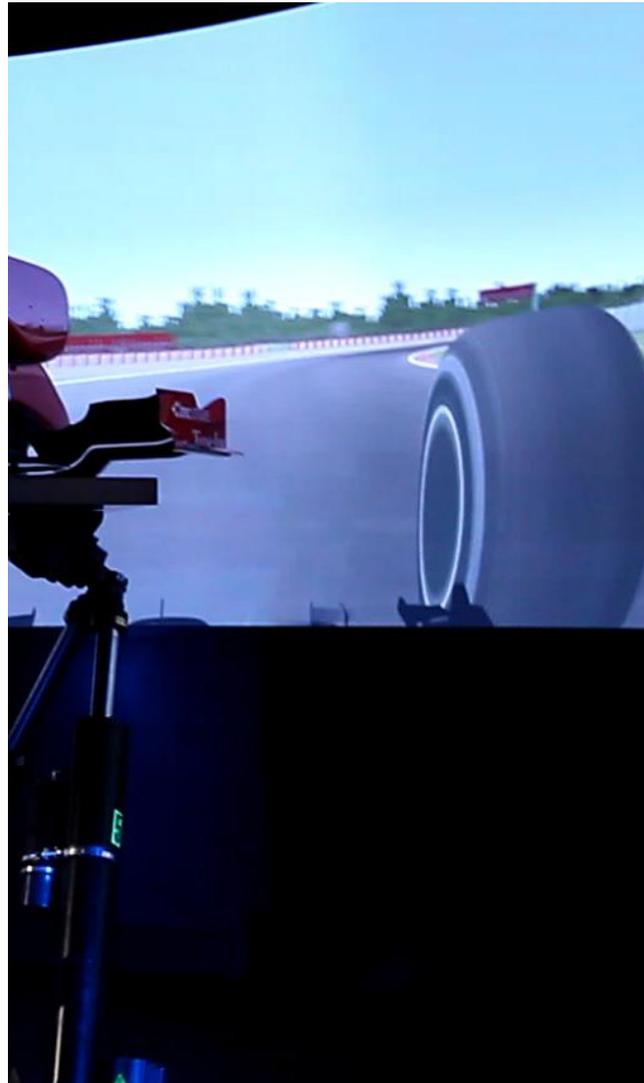
Silverstone Circuit

Suzuka Circuit

Valencia Street Circuit

Yas Marina Circuit

Vehicle Dynamics Arena (coming soon)



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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