

'Creating innovative entertainment solutions through imagination & motion based technology'

FACT SHEET



motion based technology

The ultimate full motion, full race car simulator



The Cesys top of the range Full Formula Style Simulator – a 'real' full single-seater race car on our advanced, electromechanical, 6-DOF motion system – matches good looks with the most sophisticated, professional motion technology available. Nothing is spared, from the Formula 1 car to the exact same motion and force feedback experienced by professional racing drivers. Complemented by a sponsor's livery, this simulator will create the most memorable experiences.

Key Statistics

Dimensions & weight:

Static footprint: 2.95 x 4.65m
Dynamic footprint: 3.10 x 5.70m
Advised Min. ceiling height: 4.00m
Weight: 1750 kg
Dynamic floor-loading:
1000 kg/m²

Power:

Voltage: 3-phase 400 VAC, 32 A
Typical power consumption:
4 kW
Peak power consumption:
17 kW

Service and maintenance:

No overhaul necessary.
Annual maintenance costs: < € 5 k

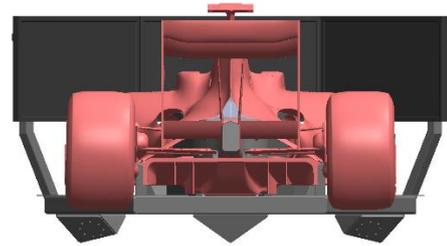
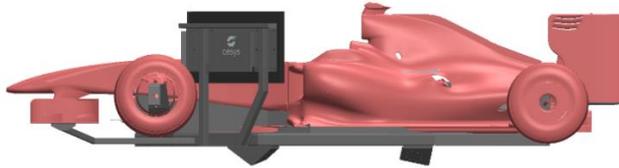
**Price (ex. works) starting
from € 255.000**

Operation:

Ride length: 5 – 10 minutes
One operator for 4 simulators
Throughput: 8 guests per hour

***Designed and built according to
EN 13814:2004 standard.
UL/CSA /ADIPS /TUV
certifications can be provided on
request.***

Design



Cesys

Cesys is the entertainment division of Cruden. Cruden is the world's leading designer, manufacturer and integrator of professional driving simulators for the automotive, motorsport and marine industries. The knowledge and experience of Cruden is used to design, develop and produce high end, innovative entertainment simulators through imagination and motion based technology.

New: Combining VR technology with interactive motion

Cesys is highly experienced in selecting the best and most appropriate visual solutions such as projection systems and LED displays. This use of the latest VR technology combined with interactive motion is unique in driving simulation. Driving the Cesys simulators with VR feels intense and extremely real. The immersion is a truly overwhelming experience.

FAQs

What is the difference between Full Formula Style and a real F1 simulator?

Basically, there is no difference. The full size is the exact same equipment as used by motorsport teams, including Formula One. Of course, in motorsports the software options are larger, due to the vast amount of data that needs to be processed, but even the basics of that have been translated into the Full Formula Style. Owners and guests can have confidence that the main aspects of the motion – accurate motion-cueing, control loading and realistic force feedback – are the same as used by the professionals to train for the next race.

Why should I have a full body and not the Hexatech Formula Style (half body)?

There is nothing which beats the overall package of the Full Formula Style Simulator. If you have the budget and the space then this is the best technology and the best visual impact you can get with a race car simulator. Dedicated simulator centers will find this the most attractive simulator, especially where having the best really matters. The full car body creates an impression of an extremely high end attraction and can command a higher price. The full car provides the opportunity for the attraction to secure sponsorship.

User case: I-WAY simulator center, France

The I-WAY simulator centre in Lyon was one of our first customers. The creators saw the potential of the Full Formula Style and now, when our customers visit the center ahead of specifying their simulators, they tend to come to the same conclusion.

I-WAY has three simulation areas with six simulators per zone – Formula 1, WEC and WRC cars. The simulators have been in operation for almost 10 years without any disruption to guest programs. Despite I-WAY's location which is miles away from a race track, it still enjoys good awareness within France as a destination for driving enthusiasts. During weekends, all 18 simulators are at full capacity.



I-Way Simulation Centre-Lyon France