

**‘Creating innovative entertainment solutions through imagination & motion based technology’**

**FACT SHEET**



motion based technology

## Formula Style 2D-Motion simulator for Family Entertainment Centers (FECs)



Formula Style 2D Motion Race Car simulator

**Plug and play Formula Style (FS) 2D-Motion simulator supplied as a package of six or eight or more for FECs and ‘sim room’ attractions. High quality build and design; accurate, advanced 2-DOF motion system; professional software and visuals; ergonomic ‘F1’ race seat with harness; Codemasters’ F1™ game ready; and curved screen display or Head Mounted Display (HMD) for immersion in what is Cesys’ most affordable race simulator yet!**

### Prices

Type Sim	Per System	6 Systems*	Type Sim	Per System	8 Systems*
FS Standard (no HMD* no HL*)	€ 54.750,00	€ 328.500,00	FS Standard (no HMD* no HL*)	€ 52.500,00	€ 420.000,00
FS With HL*	€ 64.000,00	€ 384.000,00	FS With HL*	€ 61.000,00	€ 488.000,00
FS With HMD*	€ 60.750,00	€ 364.500,00	FS With HMD*	€ 57.500,00	€ 460.000,00
FS With HL & HMD*	€ 68.500,00	€ 411.000,00	FS With HL & HMD*	€ 65.000,00	€ 520.000,00
*HL - Harness Loader for realistic braking experience			*HL - Harness Loader for realistic braking experience		
*HMD - Head Mounted Display (VR)			*HMD - Head Mounted Display (VR)		

### Key statistics

**Dimensions & weight:**

Static footprint:  
200cm x 70cm  
Dynamic footprint:  
230cm x 100cm  
Weight: 200 kg  
Dynamic floor-loading:  
250 kg/m2

**Power:**

Voltage: 230 VAC, (16A)

**Service and maintenance:**

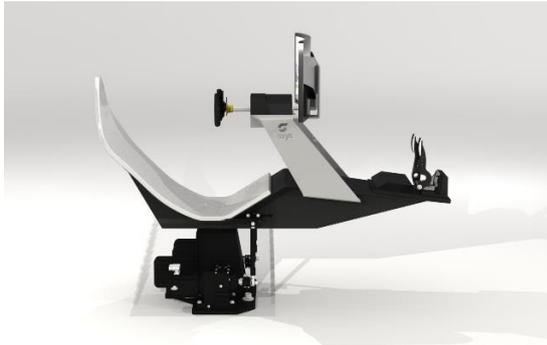
No overhaul necessary.  
Annual maintenance costs: < € 500

**Designed and built to EN 13814:2004 standard.**

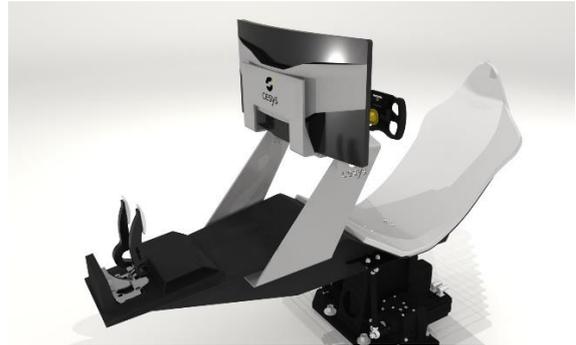
**Operation based on 8 sims:**

Easy Plug & Play  
Ride length: 5 – 10 minutes  
One operator for 8 simulators  
Throughput: 48 guests per hour

## Design



Side view of the FS 2D-Motion simulator



Side/ front view of the FS 2D-Motion simulator

## 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.

## The simulator

The simulator has been designed to create FEC customers with a complete high end 'sim room'-style racing experience, with professional image generation, a real vehicle model and flexible gameplay and visual options. The FS 2D-Motion simulator is notable for its optimal ergonomic seating so guests will feel comfortable to drive for longer and still experience how a 'F1' car should feel. All the motion system technology of the last decade is built into this compact yet realistic simulator, as one would expect from a brand whose business is developing race simulators for professional race teams. The distinctive, clean look of the FS 2D-Motion simulator will set this professional technology apart from the current generation of driver game simulators.

## Gameplay

As standard, the software/gaming package includes; Cesys simulator software, 1 Formula Style race car and two race tracks. The FS 2D-Motion can also interact with other platforms such as Codemasters' F1™.

### **New: Combining VR technology with interactive motion**

Cesys is highly experienced in selecting the best and most appropriate visual solutions, from projection systems to LED displays. Driving the Cesys simulators with VR headsets feels intense and extremely real. The immersion creates a truly overwhelming experience.

## Plug & Play

The FS 2D-Motion is a user-friendly system and easy to connect to a normal power supply (220/ 110V). Once installed, the operation of the system is easy to use – just select the track and car in the main menu, then the kind of competition. Press 'play' and the fun starts.

## Multiplayer

The FS 2D-Motion allows various race formats within a set-up of between two and 16 systems (minimum purchase of six). Train together, fight for pole position in qualifying and then compete in the final race!

## Standard features

- > 2-DOF motion system;
- > Ergonomic seating;
- > Harness; (option Harness loader)
- > Force feedback steering system;
- > Adjustable pedal box for seating adjustment;
- > 4.1 Audio system & headphone plug-in
- > Onboard curved display & (option HMD)
- > Operator PC for race controls.