



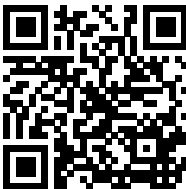
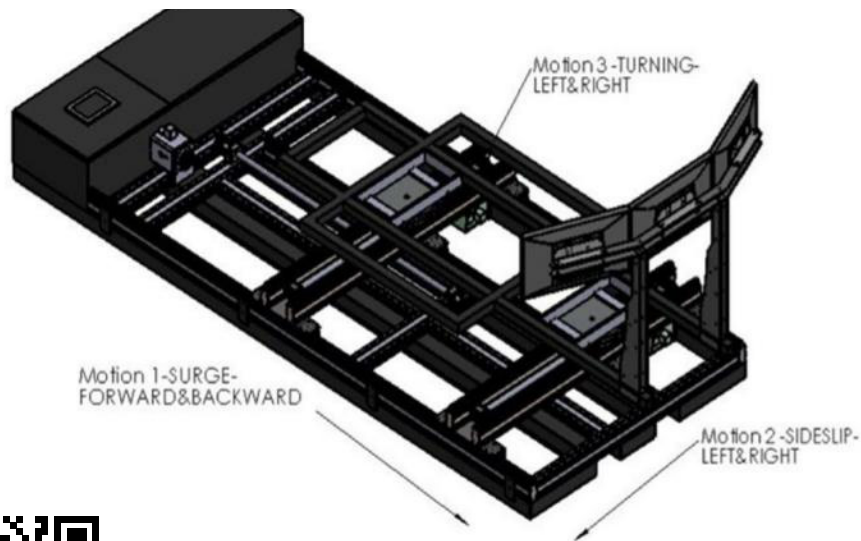
## SLIDING MOTION SYSTEM F1 SLIDING 3DOF SIMULATOR

### 3 -DOF Formula Simulator Sliding Motion Platform

3Dof Formula Car Simulator is having sliding motion working interactively with the game to give a realistic Formula driving feeling. It simulates the game parameters such as Gforce during acceleration and turning and performs yawing, swaying and surging without any delay.



- Full size Formula car simulator Made of high quality Fiberglass and Carbon Fiber
- 3 monitor system to maximize the visuality
- Original Formula style steering wheel with programmable buttons
- Adjustable Pedals with realistic pressure
- Motion system working interactively with the game for realistic G -Force simulation
- Gives the Feeling of the car acceleration & brake, turns.



<http://www.arcsim.com/urunler-detay.php?id=12>

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### Motion Platform Specifications:

1. Three electrical actuators driven by high quality servo motors
2. Power: 220 VAC 16A single phase power.
3. Motion with sensitive positioning and high G-Force.
4. All the nuts and bolts used in the mechanism are made of mildew resistant chrome material.
5. Maintenance free Self-lubricating slides.
6. Zero lag (no-delay) between the game itself and motion provided thanks to our special software,
7. Supports two games Codemaster F1 games and rFactor
8. Monitors: Three 24" LED Full HD monitors.
9. Sound: 5+1 surround sound system.
10. Wheel: Professional Force Feedback steering wheel System.
11. Realistic sized Formula car for pilot training and original cockpit feeling.
12. Safety: easy to reach Freeze emergency button.
13. Operation timer and counter.
14. Easy to transport with 2 electrical or manual forklifts
15. Easy installation less than one hour.
16. For indoor and outdoor use
17. Can be operated by only one person.
18. Able to receive replica full size or half size Formula car.
19. 1 year guarantee for all the parts
20. All the above mentioned parts are CE Certified.

	Platform Size	Car Size
Height	500 mm	1200 mm
Footprint	3500 mm x 1500 mm	4850 mm x 1870 mm
Weight	350 kg	225 kg
Linear Axis	Motion, Velocity, Acceleration	
X axis	$\pm 500\text{mm} \pm 1.2\text{m/s}, \pm 0.75\text{ g}$	
Z axis	$\pm 500\text{mm} \pm 1.2\text{m/s}, \pm 0.75\text{ g}$	
Angular Axis		
$\Phi$ angle	$\pm 20^\circ \pm 15^\circ/\text{s} \pm 35^\circ/\text{s}^2$	
Operation Area	4mt (width) x 6mt (length) = 24sqm	



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