



TECHNICAL SPECIFICATIONS GT MOTION SIMULATOR

MODEL	GT
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BODY	
Number of seats	1
Structure	Aluminum tubular frame
Bodywork	Glass fiber composite
Length / Width / Height (mm)	2630 / 1340 / 1411 mm
Weight	300 kg
Lighting	LED front and rear lights + base lights

AUDIO SYSTEM	
System	THX® Certified Dolby Digital 5.1
Total power (peak)	1000 W
Total power (RMS)	500 W
Subwoofer	165 W
Satellites	67 W × 5

PC	
CPU	High-end gaming CPU
Video card	High-end gaming GPU (HDMI & DisplayPort output)
Connectivity	Ethernet and Wi-Fi (if requested)
Enclosure	Custom 3U rack-mount case

MONITOR	
Configuration	57-inch curved gaming monitor
Resolution	Up to 7680 × 2160
Refresh rate	Up to 240 Hz
Technology	Mini-LED
Curvature	1000R



MOTION SYSTEM	
System	Proprietary 3DOF motion system
Actuators	3 × 36 V BLDC actuators
Max speed	10 cm/s
Angle (pitch / roll / yaw)	3° / 18° / 5°
Actuation frequency	200 Hz – 500 Hz
Maximum power	380 W
Driver	Control software & motion board by Racing Unleashed
Features	<ul style="list-style-type: none">▪ High dynamics▪ Near-silent operation▪ Car-specific setup▪ Customizable motion response, including full deactivation

STEERING SYSTEM	
Wheelbase	Max 25 Nm BLDC motor, direct drive (* up to 32 Nm, optional)
Force feedback	High-resolution, dynamic force feedback for realistic steering feel up to 8 Nm/ms (* up to 9.5 Nm/ms, optional)
Software	FFB effects tuning software
Steering wheel	Racing Unleashed GT steering wheel (other wheels available on request)

PEDAL BOX	
Throttle	Best-in-class mechanical pedal (* active pedal with customizable profiles, optional)
Brake	Active pedal with customizable profiles
Clutch	(* active pedal with customizable profiles, optional)
Position adjustment	Seat reachable gas spring assisted distance regulation



SHIFTER	
Steering wheel	Magnetic shift paddles and clutch
Manual gear shifter	(* full-metal manual gear shifter, optional. H-pattern and sequential gear shift selectable)

USER CONTROLS	
Cockpit cooling	Cockpit-adjustable fan speed with LED feedback
Audio volume	Cockpit adjustable volume with LED feedback
Driving aids	Cockpit adjustable (TC/ABS/Auto shifter/Ideal line) with LED feedback
Motion control	Cockpit activation (seatbelt / motion) with LED feedback
GUI navigation	Cockpit integrated trackpad
Handbrake	(* optional full-metal mechanical handbrake)

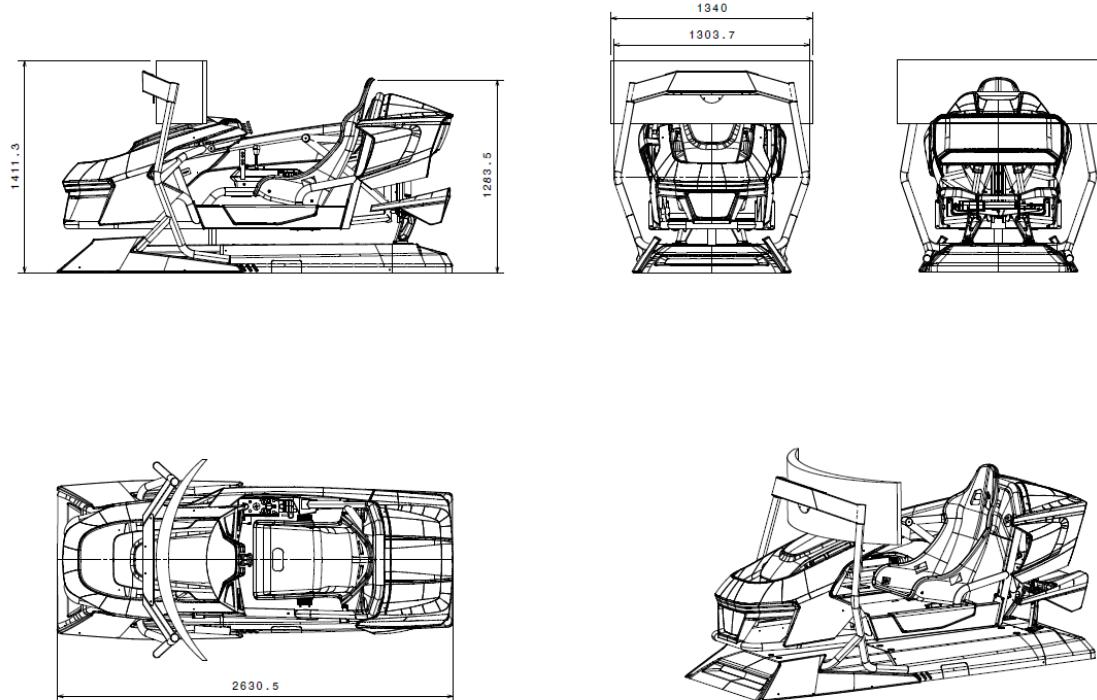
ACTIVE SEATBELTS	
Seatbelts	5-point safety belts
System	4 x independent actuators with 36 V electric motors
Driver	Control software & motion board by Racing Unleashed
Tunable strength	Adjustable via control software

ELECTRICAL SPECIFICATIONS	
Input voltage	110 V – 230 V
Input current	12 A – 6 A
Voltage frequency	50 Hz – 60 Hz
Power consumption	1.5 kW

* indicates optional equipment



EXTERIOR AND INTERIOR DIMENSIONS



The dimensions indicated in the technical drawing are in millimeters.