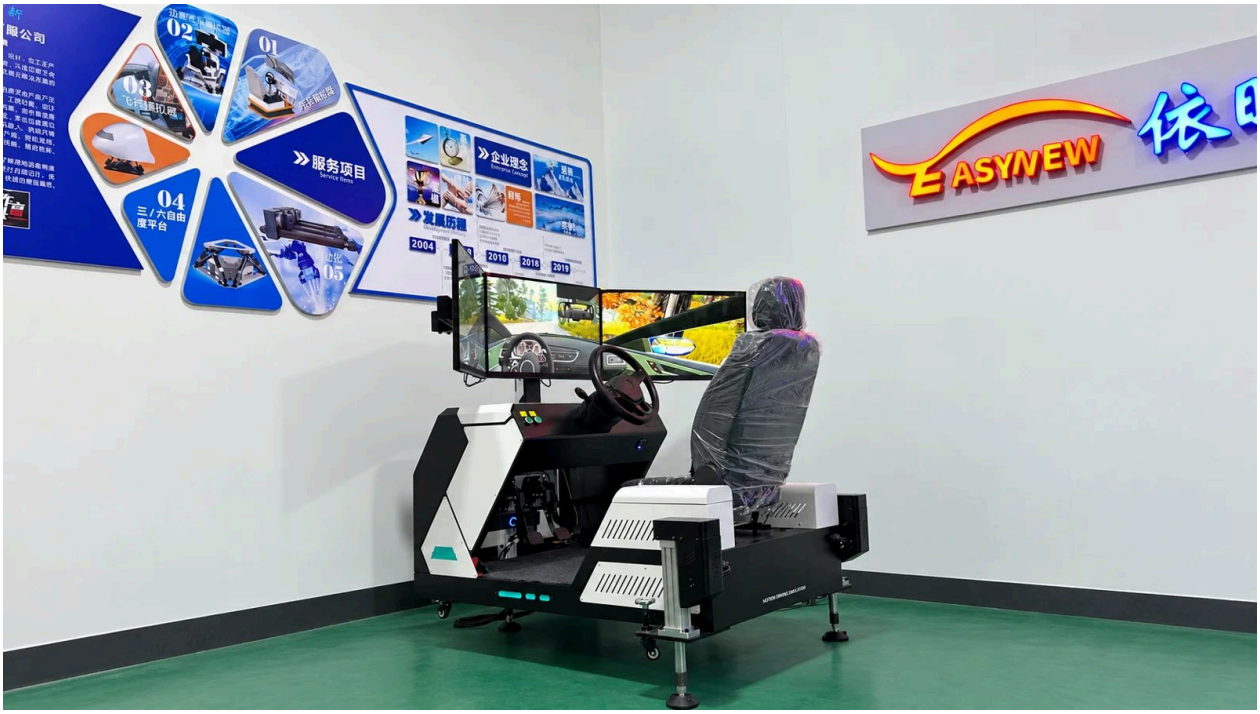
Triple-Screen 3DOF Car Driving Simulator

YSL-CAR-T32-M-3DOF-V2



A car driving training system combining triple-screen views, manual controls and 3DOF motion feedback for driving schools, vocational colleges and professional training centres.

Display system	Three 32-inch flat screens
Vehicle class	Car / passenger vehicle
Gear selection	Manual transmission
Driving layout	Shown: left-hand drive; LHD / RHD available
Product form	Dynamic · 3DOF
Production lead time	Approx. 2–3 weeks after payment

Standard configuration

Triple-screen driving controls with a 3DOF motion platform.

- **Cockpit and adjustable seat (LHD / RHD to order)**Standard equipment × 1
- **Steering system**Standard equipment × 1
- **Driving pedal assembly**Standard equipment × 1
- **Manual gear shifter**Standard equipment × 1
- **Three 32-inch flat displays**Standard equipment × 1
- **Simulation computer**Standard equipment × 1
- **Driving simulation software**Standard equipment × 1
- **3DOF motion platform**Standard equipment × 1 set

Optional configurations

Images show a configuration example: left-side steering wheel and right-side manual shifter. Left- or right-hand drive and shifter placement can be configured to requirements. Instrument display, instructor workstation and VR headset are optional; a 3DOF motion platform is standard.

Driving simulation software

From basic controls to complex road scenarios.

LHD / RHD

Matched left- / right-hand-drive hardware and software

The cockpit can be configured for left- or right-hand drive. The software viewpoint, instruments and control logic follow the selected layout to match physical and virtual driving positions.

- Left- or right-hand-drive cockpit
- Viewpoint matched to the hardware
- Coordinated instruments and control logic

Basic control training

Steering, gears, accelerator, brake, parking brake and lights practice.

Manoeuvring exercises

Exercises include reverse and parallel parking, curves, right-angle turns, hill stops and starts, clearance gates, manholes, uneven roads and bridge obstacles, subject to the delivered configuration.

Road and weather environments

Town, city, motorway, mountain and gravel roads; night, rain, snow, fog and day/night changes, with corresponding weather effects.

Hazard and emergency training

Scenarios include alcohol and drug impairment, fatigue, speeding, brake failure, unexpected events, noise distraction, traffic direction and yielding to ambulances.

Scoring and training results

Detect red-light violations, lane crossings, collisions, speeding, unfastened belts, unreleased parking brakes and harsh acceleration or braking; record exercises, distance, fuel use, scores and errors.

Result storage and printing

Results can be saved locally and printed. Local file formats depend on the delivered software version.

Driver assistance

Single- or triple-screen support, dual mirrors on one screen, live pedal and gear indicators, mini-map and point-to-point navigation and route checks.

Languages and system extensions

One interface language is preinstalled: English, Arabic, Spanish, Romanian or Ukrainian, selected when ordering. The 3DOF platform is standard; VR and an instructor workstation are optional. Other software interface languages can be customised on request; scope, lead time and cost are confirmed for each project.

OPTIONAL SYSTEM

Instructor workstation interface

Monitor terminal status, assign tasks to one or several simulators and review learner results and errors. Functions and terminal capacity are confirmed by project.

YSL-CAR-T32-M-3DOF-V2 — Specifications and configuration

Standard specifications	Default delivery scope for this model
Vehicle class	Car / passenger-vehicle driver training
Product form	Static✓Dynamic **Static:**fixed base without motion feedback.**Dynamic:**A motion platform provides attitude and motion feedback; this model uses 3DOF.
Display system	Three 32-inch flat screens
Standard colour	Black + white; other colours can be customised by project and confirmed with the order
Overall dimensions	1450 × 905 × 1232 mm (L × W × H). The 905 mm width excludes the expanded triple-screen assembly.
Net equipment weight	Approx. 200 kg
Packing dimensions / gross weight	Wooden crate: 1550 × 1160 × 1225 mm (L × W × H); packed gross weight approx. 300 kg.
Power supply and maximum consumption	Standard input: AC 220 V (±10%), 50 Hz; maximum consumption 2.85 kW including the 3DOF platform AC 110 V is available by project; voltage, frequency and final configuration are confirmed in the order specification.
Computer configuration	Intel Core i5-6500; Gigabyte H110M-S2PH; GTX 1660 6 GB; 8 GB RAM; 128 GB SSD Reference configuration. Brands or models may change with availability; replacements will provide equivalent or better performance, subject to the final order specification.
Pre-installed software language	One software interface language is preinstalled: English, Arabic, Spanish, Romanian or Ukrainian. Select the language at order confirmation. Other software interface languages can be customised on request; scope, lead time and cost are confirmed for each project.
Steering force feedback	DC motor force feedback as standard; servo motor force feedback optional

YSL-CAR-T32-M-3DOF-V2 — Specifications and configuration

Steering wheel rotation	From centre: 540° left and 540° right (1.5 turns each); total rotation 1080°
Gear control	Manual transmission Shown with a right-side manual shifter; the shifter can be positioned on the left or right as required. Confirm when ordering.
Physical controls	Car steering wheel, driving pedals, manual shifter, parking brake, ignition and combination switches Pedal assembly is supplied to match the selected controls and confirmed order specification.
Operating environment	0–35 °C; 20%–80% RH, non-condensing
3DOF motion specificationsMotion configuration for this model	
Payload	150 kg
Heave travel / speed	±75 mm / 250 mm/s
Pitch angle / speed	±5° / 10°/s
Roll angle / speed	±5° / 10°/s
Motion drive	Servo-driven electric actuators coordinate platform motion
Optional extensionsNot included as standard; confirmed by project	
Servo motor steering force feedback*Optional*	Optional servo motor steering force feedback; the standard configuration uses a DC motor
VR headset*Optional*	VR headset and display solutions available by project; models, software compatibility and scope are confirmed for the application
Instructor workstation*Optional*	Instructor workstation available by project; hardware, management functions and terminal capacity are confirmed for each order
Software customisation*Optional*	Software customisation available; features, lead time and cost are agreed for each project

DELIVERY & SUPPORT

Production, export packing and remote support.

Production lead time

Usually about 2–3 weeks after payment, subject to the confirmed order and configuration.

Export packing

One export wooden crate per unit; see the specifications for packed dimensions and gross weight.

Factory testing

Software, hardware and overall operation are checked before dispatch.

Installation and training

A user manual is supplied. Remote installation guidance and operator training can be provided when required.

Warranty and upgrades

One-year hardware warranty. Standard new software features may be upgraded free of charge; confirm applicable conditions with sales.

Remote diagnostics

Remote troubleshooting assistance is available; overseas on-site service is not currently provided.

Optional racing game integration

Triple-Screen 3DOF Car Driving Simulator

Optional service · Not standard equipment

Extend driving training equipment to racing experiences.

This model can be ordered with an optional Assetto Corsa integration service for an additional use of the simulator.

Which racing game does this simulator support?

Assetto Corsa integration is available for static and motion equipment. Confirm the specific model, game version and configuration scope before ordering.

Integration work for other racing games is ongoing. Please contact us to confirm support and available configurations for a specific game.

What does the racing game integration service include?

Configuration and remote setup guidance can be provided. Racing game integration is not included as standard; service scope, arrangements and fees are defined in the confirmed quote and order.

Are the game and account included with the simulator?

The game is not supplied with the equipment. Customers must use their own personal gaming-platform account to purchase (if required), download and install it. Game software, accounts and licences are not included in this integration service.

Ask about racing game integration