



THE
MODERN
GARAGE CO.
Where Luxury Meets Functionality

The Complete Guide to Golf Simulators



THE
MODERN
GARAGE CO.

www.themoderngaragecompany.co.uk

Everything you need to know to play, practise and improve from your own garage

Golf is a sport built on precision, patience and consistent practice. Yet in the UK, maintaining that consistency isn't always easy.

Unpredictable weather, shorter daylight hours and busy schedules can make regular time on the course difficult to achieve.

As a result, practice often becomes occasional rather than routine – and progress slows.

Modern golf simulators offer a practical solution. They make it possible to practise, play and refine your game throughout the year, from the comfort of your own home. What was once considered a niche luxury is now an increasingly accessible and effective way to stay connected to the sport.



This guide will help you understand:

- How golf simulators work
- What space and setup is required
- How to maximise practice and performance
- Tips for making a home golf studio enjoyable for all

How Golf Simulators Work

A golf simulator allows you to hit a real ball indoors and see the shot played out virtually on a screen. The technology captures precise data from each swing and shot, including:



Ball Speed



Club Path



Launch Angle



Carry Distance



Spin Rate



Shot Shape



This data is processed instantly by the simulator software, displaying the results on a virtual course or driving range.

In essence: you're hitting real golf shots, indoors, with real feedback — whenever you want.



THE
MODERN
GARAGE CO.

www.themoderngaragecompany.co.uk

Why Home Simulators Are Popular

Golf simulators are no longer niche technology. They are increasingly common among professionals, coaches, and enthusiasts, and for good reason:

Play Year Round

Practise regardless of weather or daylight.

Evening golf

Short sessions after work or school.

Data-Drive Improvement

Accurate feedback helps you understand and improve your swing.

Famous Courses at Home

Play world-class courses without leaving the UK.

Multi-Purpose Space

Use the space for practice, cinema, gaming, or socialising.

Do I have enough space?

Most garages can be adapted for a golf simulator, here are some key elements to think about.

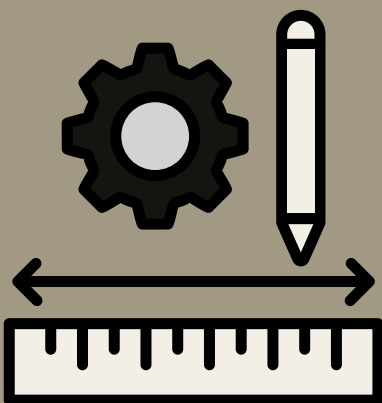
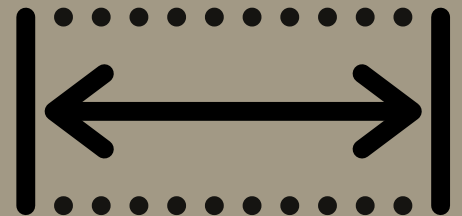


Ceiling Height

Ideally 2.8–3 metres, which provides comfortable clearance for a full swing, including the driver, and ensures you can play with confidence and safety.

Width

A minimum of 3.5–4 metres allows enough room for a natural stance and swing path, with additional space for both right- and left-handed players, as well as a more relaxed, open feel.



Depth

Around 5–6 metres is typically recommended to accommodate the full setup – including the impact screen, safe ball strike distance, projector positioning, and a realistic hitting zone.

For the smaller space...

Even if your garage is slightly smaller, solutions exist to allow you to install a golf simulator, such as:

Adjusting the screen placement and hitting position to maximise usable depth in the garage.

Adapting the ceiling areas such as raising sections or utilising vaulted or open roof structures for additional swing height.

Optimising lighting, wall protection and flooring to create a safe, professional-feel environment even in a smaller footprint.

Reconfiguring garage doors or storage zones, freeing up more uninterrupted width and depth

Focusing on specific practice modes, such as iron play, or wedge distances rather than full-course rounds.

With thoughtful planning and the right design approach, many spaces that seem limited at first can still become highly effective, enjoyable simulator studios.

Key Components

A golf simulator is far more than simply a screen and projector — it is a carefully integrated system of technology designed to replicate the look, feel and data accuracy of real golf. Let's take a look at the key components to creating your own golf simulator.





Launch Monitor

At the heart of every simulator is the launch monitor. This advanced sensor system tracks both ball and club data at the moment of impact. Depending on the setup, it may use radar technology, high-speed cameras, or a combination of both to measure key performance metrics such as ball speed, launch angle, spin rate and club path. The accuracy of this data is what makes indoor practice so effective.

Impact Screen & Projector

The ball is struck into a specially engineered impact screen designed to absorb force safely while delivering a crisp visual display. A high-quality projector recreates courses, driving ranges and practice environments in realistic detail, helping to create an immersive experience that feels close to being on the course itself.

Hitting Mat & Turf

A good mat is more important than many people realise. It needs to provide a realistic strike feel while also protecting wrists, elbows and shoulders during repeated practice. Many installations include integrated turf systems to create a cohesive studio environment that enhances both performance and aesthetics.

Simulator Software

The software brings your simulator to life, turning launch monitor data into realistic shots on screen. Access world-famous courses, practice modes, putting challenges and performance tracking — combining immersive play with actionable insights to help you improve.

Benefits of Regular Use

A golf simulator is more than just a place to hit balls — it's a tool to practise smarter, improve faster, and enjoy the game year-round. By integrating it into your routine, you can turn short sessions into real progress, while also making golf more accessible and social.

1

Consistency is Everything

Practising regularly, even for short sessions, helps maintain muscle memory, improves swing mechanics, and keeps your game sharp regardless of weather or daylight.

2

Data-Driven Improvement

With instant feedback on ball speed, launch angle, spin and club path, each session provides actionable insights. You can track progress over time, identify areas for adjustment, and set measurable goals.

3

Versatility for Every Skill Level

From beginner drills to advanced shot shaping, simulators offer practice modes tailored to your skill level. Whether it's driving, iron play, wedges, or putting, you can focus on the areas that matter most.

4

Fun and Social

Invite friends or family for friendly matches or competitions. Simulators make golf interactive and entertaining, creating opportunities to enjoy the sport together without needing to book a course.

5

Efficiency and Convenience

A simulator allows for productive practice when it suits you. Early mornings, evenings, or weekends — you can fit quality golf time into even the busiest schedule.



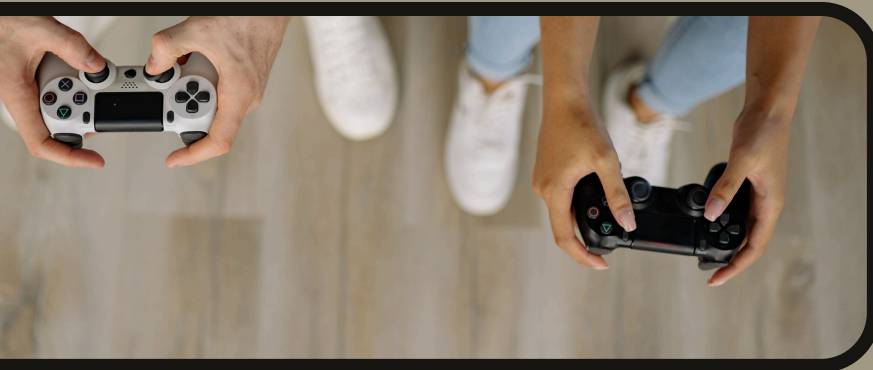
By making your simulator a regular part of your routine, every session becomes purposeful. You'll not only enjoy the convenience of playing at home, but also see measurable improvements in your game — from consistency and accuracy to confidence on the course.

Why not try a Multi-Purpose Space

A modern golf simulator doesn't need to be a single-use room. With careful planning, your studio can serve multiple purposes, blending function with lifestyle.

Home Cinema

Project movies or TV onto your simulator screen when not practising.



Gaming and Entertainment

Add games or virtual experiences for family and friends.



Social Hub

Host casual rounds with friends or family, making it an engaging space beyond practice.

Planning your Simulator Space

Creating a successful golf simulator space involves far more than installing equipment. The right planning ensures your studio is not only technically sound, but comfortable, safe and visually cohesive.

Before installation, it's important to assess both your ambitions and your environment. Thoughtful design at this stage prevents compromises later.



Key Considerations



Space

Ceiling height, room width and depth must allow a full, natural swing with appropriate clearance. Using a professional to plan your layout ensures safe distances between the hitting area, screen and surrounding walls.



Purpose

Is your focus performance improvement, casual rounds with friends, or a multifunctional entertainment space? Defining this early influences equipment choice, layout and technology.



Interior Finishes

Flooring, lighting, wall protection, acoustic treatment and cable management all play a role in both performance and atmosphere. A well-designed space feels intentional — not improvised.



Technology Integration

Projector positioning, sensor placement, power supply and ventilation must be carefully considered to ensure accurate data and long-term reliability.





Investment Planning

Balancing budget with functionality is easier when guided by experience.

Understanding where to invest — and where simplicity works just as well — ensures the best long-term outcome.



While many spaces appear suitable at first glance, subtle factors such as swing arc clearance, lighting angles and material durability can significantly affect the overall experience. Professional design advice helps you avoid costly adjustments later and ensures your simulator performs as impressively as it looks.

Even smaller garages or compact rooms can be transformed beautifully with intelligent layout planning and considered finishing — unlocking their full potential with the right expertise.

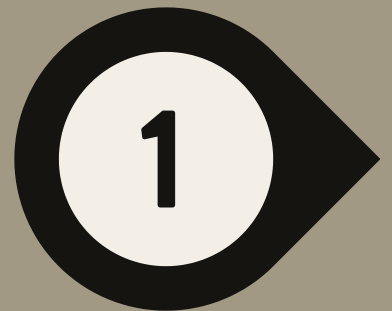
“A well-designed simulator studio is an investment in both your game and your home.”

Installation Process

A high-performance simulator deserves expert installation. Precision at every stage ensures your studio is safe, seamless, and capable of delivering accurate, reliable results from day one.

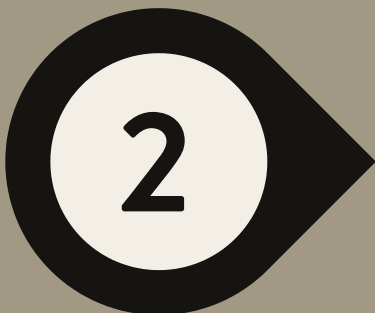
Consultation

Every project begins with a detailed consultation — either in person or virtually — to understand your space, your ambitions and how you intend to use the studio. This allows us to advise on the most suitable layout, equipment and finishes.



Design & Technical Planning

Once agreed, the space is carefully mapped. Screen positioning, launch monitor placement, projector alignment, lighting control, cabling and ventilation are all considered in advance. This stage ensures the environment performs as beautifully as it looks.



Professional Installation

Equipment is installed with precision and care — from impact screen and projection system to flooring, sensors and software integration. Every component is calibrated to deliver accurate data and optimal performance.



3

Personal Introduction

A simulator is only as valuable as your ability to use it confidently. We guide you through the system, software features and best practices so you can maximise both enjoyment and improvement from the outset.



4

Ongoing Support

Our commitment does not end at installation. Continued guidance, troubleshooting and maintenance support ensure your studio remains a premium, high-performing space for years to come.



5

By entrusting the process to professionals, you avoid common installation pitfalls and ensure your simulator studio is delivered with care, precision and attention to detail — a smooth, considered transformation from concept to completion.

Ongoing Maintenance

A professionally designed simulator studio is built to last — but like any high-performance environment, it benefits from thoughtful care.

Regular maintenance not only protects your investment, it ensures every session feels as precise and immersive as the first.



Hitting Mats and Turf

Over time, even premium surfaces experience wear. Periodic checks help maintain a consistent strike feel and protect against injury. Replacing worn sections at the right time preserves both realism and performance.

Impact Screens & Projection

Keeping screens clean and projector lenses dust-free ensures crisp, uninterrupted visuals. Clear imagery enhances immersion and supports accurate shot feedback.

Launch Monitor & Software

Routine calibration and software updates maintain the accuracy of your data. Staying current with updates also unlocks new features, courses and performance tools — keeping your studio evolving with your game.

Technical Checks

Cabling, fixings, lighting and ventilation should be inspected occasionally to ensure everything continues to operate smoothly and safely.

Studio Environment

A well-organised space protects equipment and enhances the overall experience. Simple habits — such as storing clubs correctly and keeping the floor clear — help preserve both safety and aesthetics.

Bringing your Vision to Life

A golf simulator studio is more than an addition to your home — it's an investment in your game, your lifestyle and your enjoyment of the sport.

When thoughtfully designed, it becomes a space that works on every level: technically precise, visually refined and effortless to use. It allows you to practise with purpose, entertain with confidence and play year-round, all within the comfort of your own home.

The difference between a functional setup and an exceptional studio lies in the details — layout, lighting, materials, calibration and flow. When these elements are considered holistically, the result is seamless. The space feels intentional.

Whether you are seeking a performance-focused training environment, a social golf space, or a fully customised studio experience, professional guidance ensures your simulator not only meets expectations — but exceeds them.



With the right expertise, even unused or underestimated areas can be transformed into high-performing, beautifully finished spaces that enhance both your home and your handicap.

Your Next Step...

Every exceptional simulator studio begins with a conversation.

Whether you are at the early stages of exploring possibilities or ready to move forward with a defined vision, professional guidance ensures your space is carefully considered from the outset. The right advice can clarify options, refine your brief and prevent costly compromises later.



A well-designed simulator space delivers more than performance data — it creates an environment you genuinely enjoy spending time in. One that inspires practice and encourages progress.

If you are ready to explore what's possible within your space, the next step is simple.

Let's Chat



01628 561370 | 01625 243814
hello@moderngarages.co.uk
www.themoderngaragecompany.co.uk

Head Office: Unit 13D Moss End Garden Village, Maidenhead Road,
Warfield, Berkshire RG42 6EJ



THE
MODERN
GARAGE co.



themoderngaragecompany



the.modern.garage.company