



# Adrenalin Events



## TRUCK DRIVER TRAINING SIMULATOR ENTRY LEVEL

**The FUTURE has arrived, and it is all digital.. Virtually any type of vehicle is now being replicated in the digital world for fun, and can be used in a variety of ways for training purposes by adding the correct controls to the simulator frame itself.**

**This is the BASE simulator that is complete and set up for Truck Driver Training for the following vehicle types..**

**LHD – American Roads – Kenworth, Peterbuilt, Volvo, International, Mack**

**RHD – UK Roads – Scania, Volvo, Renault, MAN, Mercedes, plus many more..**

**RHD – Australian Outback map – Mack Superliner**

**Tipper, Lowbed, Curtainsider, Refridgerated, Light Rigid, Medium Rigid, Heavy Rigid, Heavy Combination, Multi Combination, Bus, Tow vehicles, Emergency Vehicles, Fuel Tankers, plus many more.**

**Train in the CAT 745 Articulated dump truck, or step it up into the CAT 733 or 792 mining Dump Truck, a variety of Loaders and Forklifts also..**

**Train your people in a multitude of different scenarios, including open road with both LHD and RHD options, in a container port, Logging Camp, Mines, plus.. Many more.**

**We also run a live server so the trainees can work alongside other drivers to hone their skills and be prepared for the workplace.**

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The frame is built from furniture grade steel box section which can be flat packed for delivery if necessary. The base is 38x38 box section with 25x25 uprights and fittings. We use an Aluminium Alloy treadplate floor panel in 2mm and a 3mm pedal plate on the front.

We can paint with 2pack paint in your colour choice or powdercoat the frame.

The seat is hard bolted to the frame but is on sliders for forward and rear movement and can be upgraded to a full under seat motion platform and a proper truck seat.

The triple screen mount is set at a 45 degree angle to optimise the view and is fully adjustable.

The steering column is adjustable both up and down and on a telescopic in/out range of movement.

The frame is able to be fully customised to adapt for any type of vehicle training and have add on controls and buttons/switches to suit OEM products.



We use the Logitech G29 wheel/pedals and H pattern shifter mounted to the frame. We include the indicator and wiper stalks fitted to the wheel housing.

The G29 is an entry level wheel, but is used globally with great success. I have put close to 200 of these wheels out into the sim community without issues.

The Force Feedback is ideal and gives a good feel. However, it is not suitable for interchanging.

The pedals are normally mounted directly to the floor and covered in a plastic cover.

We remove this and invert the pedals to be hung from the front pedal plate.

The stock Logitech H pattern shifter is used and has the Eaton 18 speed shifter adapted to fit on top.



These state of the art rigs are specifically designed for driver training and the results from having Trainees spend time in the simulator is unquestionably good for their self confidence.

It will give them plenty of seat time in a variety of truck types before having to jump in the drivers seat of a real rig and run the risk of a mishap. Think about the cost of a blown gearbox, or a dent in the side of not only your truck, but someone else's..

#### WHAT SOFTWARE IS AVAILABLE?

We run a combination of different software titles to cover as many options as possible that you can offer to the trainees.

ATS or American Truck Simulator runs the big guns or Long Nose trucks such as the KW, Peterbuilt, Western Star, International, Volvo. Even though this is set in the USA, a lot of the driving technique and skillset can be transferred as the sim is set up for RHD.



A variety of engines and gearboxes are used including the 18 speed Roadranger which is popular with both trainees and Instructors to show students.

The software comes standard with a range of trailer options with specific loads to be delivered. Each load is timed and the route planned out on the GPS.

Weather conditions plus traffic and a host of other factors can be custom tuned into the experience.



We can now offer this option with an Aussie Outback map which has the Mack superliner included as a RHD option. The time scale on this map is 1:2 which gives the trainee some long drives to get used to the seat.

As new items become available we will send out updates and log in remotely to activate.

This software is state of the art with incredible graphics.. There is the option to leave the cab and float outside to see if you are in the right position for reversing, or to get an idea of what obstacles are around you on tight bends.

In the event of a crash you have the option of rewinding to a previous point in time and restarting to have a 2<sup>nd</sup> or even 3<sup>rd</sup> try at the issue to be able to master the issue.

**Kenworth**  
**T680**

Duty Day  
Cabin, Mid Roof  
Sleeper, Hi Rise  
Sleeper

370 hp  
(276 kW) –  
600 hp  
(447 kW)

Allison, Eaton  
Fuller

February 2,  
2016 (launch  
release)

**Kenworth**  
**W900**

Day Cab, Studio  
Sleeper, AeroCab  
Sleeper

370 hp  
(276 kW) –  
625 hp  
(466 kW)

Allison, Eaton  
Fuller

February 15,  
2016

**Peterbilt 389**

Day Cab, Low  
Roof Sleeper,  
Ultra Cab Sleeper

370 hp  
(276 kW) –  
625 hp  
(466 kW)

Allison, Eaton  
Fuller

November 3,  
2016

**Peterbilt 579**

Duty  
Cabin, Stand Up  
Sleeper, Hi Rise  
Sleeper

370 hp  
(276 kW) –  
600 hp  
(447 kW)

Allison, Eaton  
Fuller

February 2,  
2016 (launch  
release)

**Mack Anthem**

Day Cab, 48"  
Sleeper, 70"  
Sleeper

345 hp (257  
kW) – 505  
hp (377 kW)

mDRIVE, Allison,  
Eaton Fuller

April 28,  
2020

**Volvo VNL**

300, 730, 780

355 hp (265  
kW) – 600  
hp (447 kW)

I-Shift, Allison,  
Eaton Fuller

November 5,  
2018

**Freightliner**  
**Cascadia**

Day Cab, 48"  
Sleeper, 72"  
Sleeper XT, 72"  
Sleeper RR

370 hp (276  
kW) – 605  
hp (451 kW)

Detroit, Allison,  
Eaton Fuller

December 2,  
2020

**Western Star**  
**49X**

Day Cab, 48"  
Sleeper, 72"  
Sleeper

370 hp (276  
kW) – 605  
hp (451 kW)

Allison, Eaton  
Fuller

September  
30, 2020

 KENWORTH

 Peterbilt

 MACK

 VOLVO

 FREIGHTLINER

 WESTERN STAR TRUCKS



There are over 60 different trailer combinations to work with in this software alone. A huge variety of Trucks and many more by request. Even an old Mack R Series if you want one.

The modding community for the software title is massive but we tend to use it primarily for training in the 18 speed gearbox arena. It is still a very good tool to work with and we have found that even though the trucks are LHD and we have set the sim up as RHD, the mind will adapt to this very easily and the trainees can still get a lot of benefit from using this software.

## EURO TRUCK SIMULATOR

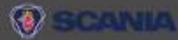
The second software is Euro Truck Simulator, which concentrates on the COE trucks all with 12 speed gearboxes, plus Automatic. The map covers all of the UK, Europe, Greenland, and some other areas by mod maps.

Greenland we use for training in the snow and Black Ice plus high wind areas. There are some incredible driving scenes in the region. We normally base our trainees in the UK part of the map as this denotes a RHD truck for deliveries whereas if based in Europe it will change to LHD.

As with ATS the software can be changed to alter weather conditions, road conditions, traffic, Police activity, and a host of other factors.



<b>Scania R 2009</b>	Normal, Highline, Topline	360 hp (265 kW) – 730 hp (537 kW) Euro 5/6	Opticruise, Scania GA867	October 19, 2012 (launch release)
<b>Scania Streamline</b>	Normal, Highline, Topline	360 hp (265 kW) – 730 hp (537 kW) Euro 5/6	Opticruise, Scania GA867	December 9, 2013
<b>Scania R</b>	Normal Roof, High Roof	370 hp (272 kW) – 730 hp (537 kW) Euro 6	Opticruise, Scania GA867	December 1, 2017
<b>Scania S</b>	Normal Roof, High Roof	370 hp (272 kW) – 730 hp (537 kW) Euro 6	Opticruise, Scania GA867	December 1, 2017



<b>Iveco Stralis</b>	Active Space, Active Super, Active Space Super	310 hp (228 kW) – 560 hp (412 kW) Euro 4	ZF, Allison	October 19, 2012 (launch release)
<b>Iveco Stralis Hi-Way</b>	Hi-Way	310 hp (228 kW) – 560 hp (412 kW) Euro 6	ZF, Allison	July 9, 2013



<b>MAN TGX</b>	XL, XLX, XXL	320 hp (235 kW) – 680 hp (500 kW) Euro 4	ZF, Allison	October 19, 2012 (launch release)
<b>MAN TGX Euro 6</b>	XL, XLX, XXL	360 hp (265 kW) – 640 hp (471 kW) Euro 6	TipMatic, ZF, Allison	February 8, 2019



	<b>DAF XF 105</b>	Space, Space Cab Plus, Super Space	360 hp (265 kW) – 510 hp (375 kW) Euro 4	ZF, Allison	October 19, 2012 (launch release)
	<b>DAF XF Euro 6</b>	Space, Space Aero, Super Space	370 hp (270 kW) – 530 hp (390 kW) Euro 6	ZF, Allison	November 11, 2014
	<b>DAF XG</b>	XG, XG+	367 hp (270 kW) – 530 hp (390 kW)	ZF	June 10, 2021

	<b>Mercedes-Benz Actros</b>	Low Roof Sleeper, High Roof Sleeper, MegaSpace	320 hp (235 kW) – 598 hp (440 kW) Euro 4	PowerShift, Allison	October 19, 2012 (launch release)
	<b>Mercedes-Benz New Actros</b>	StreamSpace, BigSpace, GigaSpace	421 hp (310 kW) – 625 hp (460 kW) Euro 6	PowerShift, Allison	May 26, 2015

	<b>Renault Magnum</b>	Excellence	440 hp (323 kW) – 520 hp (382 kW) Euro 5	Optidriver, ZF, Allison	October 19, 2012 (launch release)
	<b>Renault Premium</b>	Normal Roof, High Roof	380 hp (280 kW) – 460 hp (338 kW) Euro 5	Optidriver, ZF, Allison	October 19, 2012 (launch release)
	<b>Renault T</b>	Sleeper, High Sleeper	380 hp (279 kW) – 520 hp (382 kW) Euro 6	Optidriver, Optidriver Xtended, Allison	September 26, 2019

<b>Volvo FH16 2009</b>	Sleeper, Globetrotter, Globetrotter XL	420 hp (309 kW) – 750 hp (551 kW) Euro 5	I-Shift, Allison	October 19, 2012 (launch release)
<b>Volvo FH16 2012</b>	Sleeper, Globetrotter, Globetrotter XL	420 hp (309 kW) – 750 hp (551 kW) Euro 5/6	I-Shift, Allison	October 24, 2013

As you can see this software runs a lot of current style models and has the same multitude of trailer options. We will also install Light Rigid, Medium Rigid, Heavy Rigid trucks into this software to use in a variety of different circumstances.

The Heavy Cargo option includes using pilot vehicles to block off the roads and act as escort for your delivery and special care and attention must be taken while driving around tight streets.

The maps have some very good Container Port and Ferry locations plus a good quarry location for different work.

There are many road sections in this software that feel very much like our own roads and traffic conditions are very similar.



The third software we run in the simulator is called Farm Simulator 2019.. As the stock standard software you have access to certain machinery and trucks, but where this software comes into its own is with the massive amount of modding done by the community.

This has added in mining equipment and tipper trucks that can be driven around the mine or quarry site and filled by excavator or Loader and then transported to the mine base and dumped into one of several containers depending on the material.

Neither of the other software titles offer a fully operational tipper, so this is a big part of the reasoning behind adding this title. Plus the maps are extraordinary in detail and the moving parts of the mine.



Inside the mine there is different materials to mine and deliver to the bulkhead. This includes stone, dirt for Gold Mining, Sand, and others..

As well as the standard Tippers you can test your skills in the CAT 745 Articulated Dump Truck.



As you can see with this picture the extent of the mine operation is very large and extensive.



Add to this the option of trialling the big 773 and 792 and you have a comprehensive number of units for Trainees to practice in. Some functions will not operate on our standard rig but buttons and levers will operate the dumping of materials.

In our schedule of Road Licensing it is important to be able to train on mirror images of trucks, so we have put some effort into making sure we can cover off the Light Rigid, Medium Rigid, Heavy Rigid as well as the articulated and other vehicles.



**NERANJANA**

You can also operate any of the Loaders inside the mine software that will use a normal wheel and pedals for interaction.. This may or may not be useful, but the machines are in the software so we can make use of them.



The most important part of this software is the ONLINE map we have developed and put into place for our sim owners to enjoy. We will set specific times for all members to join in for specific tasks but the server is available 24/7 for your use.

Trainees can jump on and link up with the online chat so it will feel like working in a real environment.

They can jump into any piece of equipment that we have placed around the sites and use them to complete a large number of tasks and work as a team with other trainees from other clients.



What is included in the package..

- Simulator frame made from high grade steel box section
- Alloy treadplate floor and front pedal cover
  
- High spec computer with latest Intel 10900 or Ryzen 7 chipset
- 550 motherboard
- 1TB SSD drives for software
- 32GB RAM installed as standard
- 1660 Graphics card set up for triple screens
- Keyboard and mouse
- Speaker set for surround sound mounted to platform
- 3 x 40 inch Televisions for triple mount
- Cables and wiring complete
- Software..
- Simulator will have its own email account
- Steam account for library of software titles
- ATS
- ETS2
- Farming Simulator 2019
- 24/7 access to any and all online servers we run
- FREE updates and addons as available
- Installation in Brisbane/Gold Coast/Sydney included, POA for other areas.

**COST: \$9445 including GST**

### **EXTRAS**

- Motion Platform inc software \$6500
- Thrustmaster steering/pedals/H pattern shifter \$995
- Professionally built gearbox by Scaiffe in the UK for RoadRanger specific \$3500
- Set of Tipper controls fitted – generic switching mounted for USB \$1500
- Set of OEM foot pedals and generic Thrustmaster joysticks for excavators \$2000
- Set of OEM foot pedals and OEM joysticks JC6000 for excavators \$5000
  
- Custom dash and steering column to replicate a real truck POA

Addons..



Quaife H pattern shifter on USB

2 POV motion seat platform



OEM excavator pedals



Button Box

OEM Dump truck controls



JC6000 joysticks



**SG8U-150**

Truck or Excavator seat



wheel/pedals upgrade