

product overview

HEUSINKVELD

***the rule of
10000 hours***

Practice makes perfect. At Heusinkveld we believe that simulators are indispensable for race car driver training. Do you want to improve as a driver? See what we have to offer and start working with us today.

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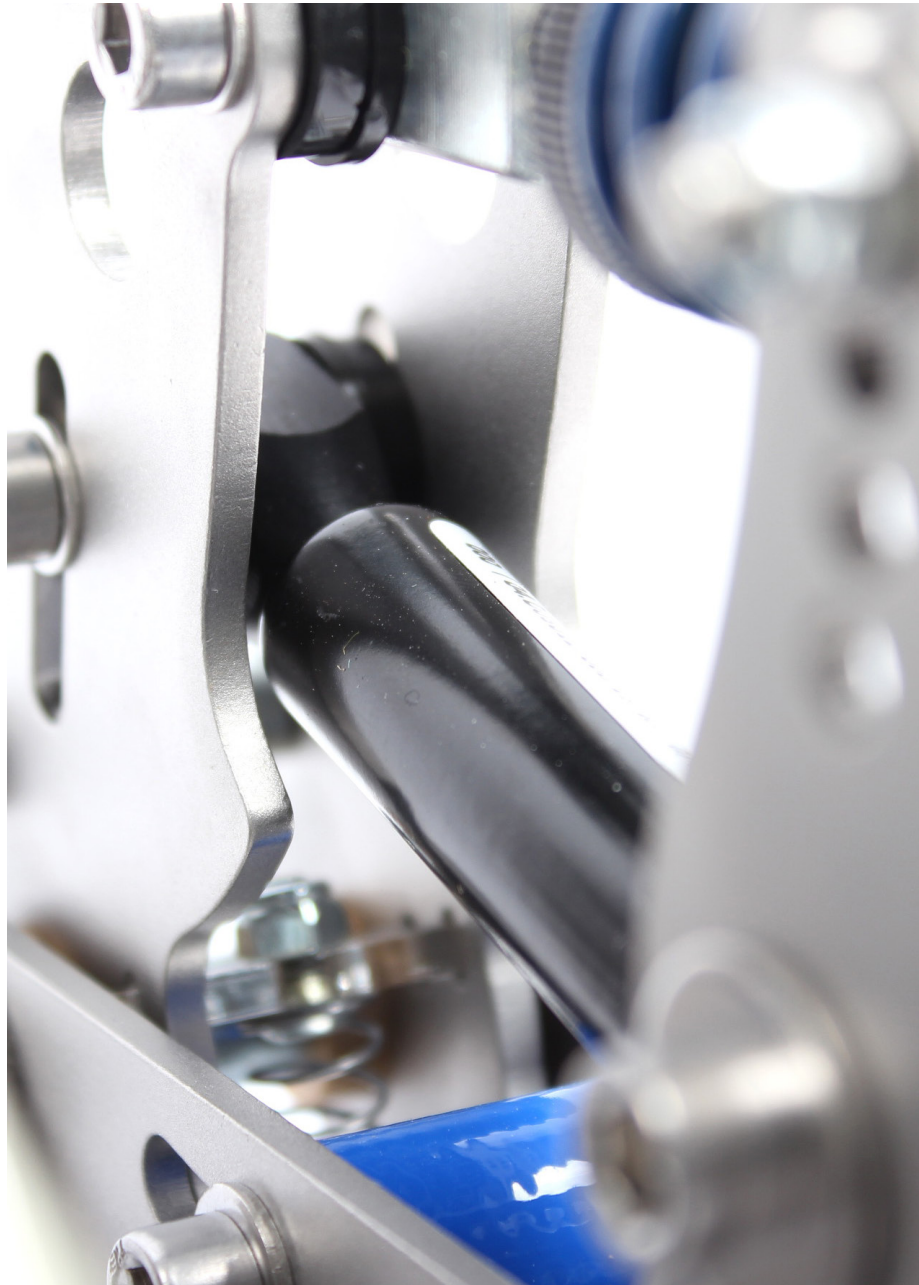
sim pedals ultimate

These pedals are suitable for high-end professional motorsport simulators. A strong, stiff, compact and durable design using custom developed 12bit USB electronics for an instant response.

The pedal geometry and force is fully adjustable. Maximum brake force is 136kg (300lbs) and the maximum clutch force is 45kg (100lbs). This means that these pedals are capable of simulating the pedal forces as experienced in F1 and LMP-cars.

Hydraulic damping

Every individual pedal features an adjustable hydraulic damper. As pedal assemblies in real cars have hydraulic flow through hoses, tubes and cylinders, we use these to simulate the damping effect that these assemblies normally provide.



sim pedals *pro*

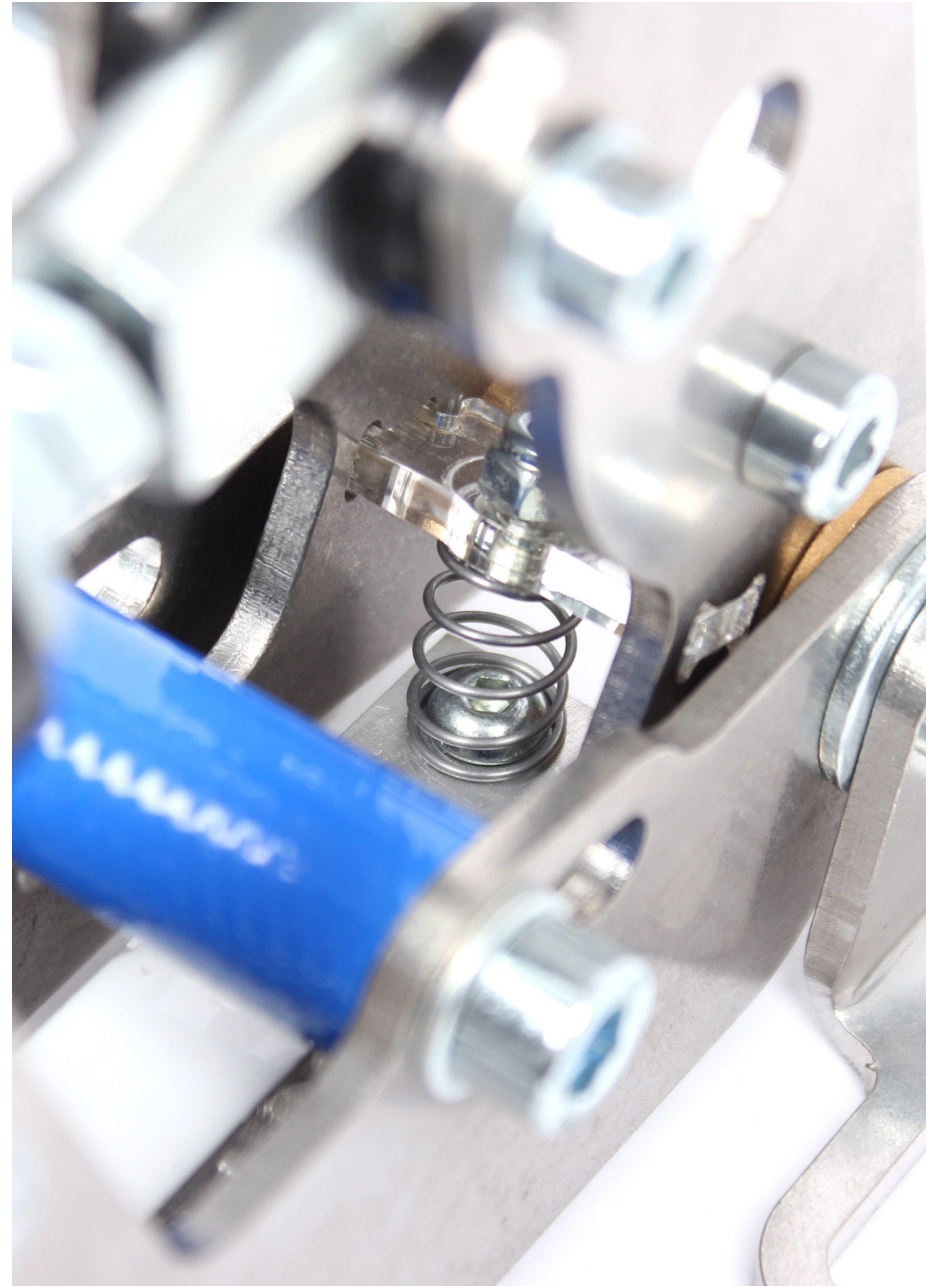
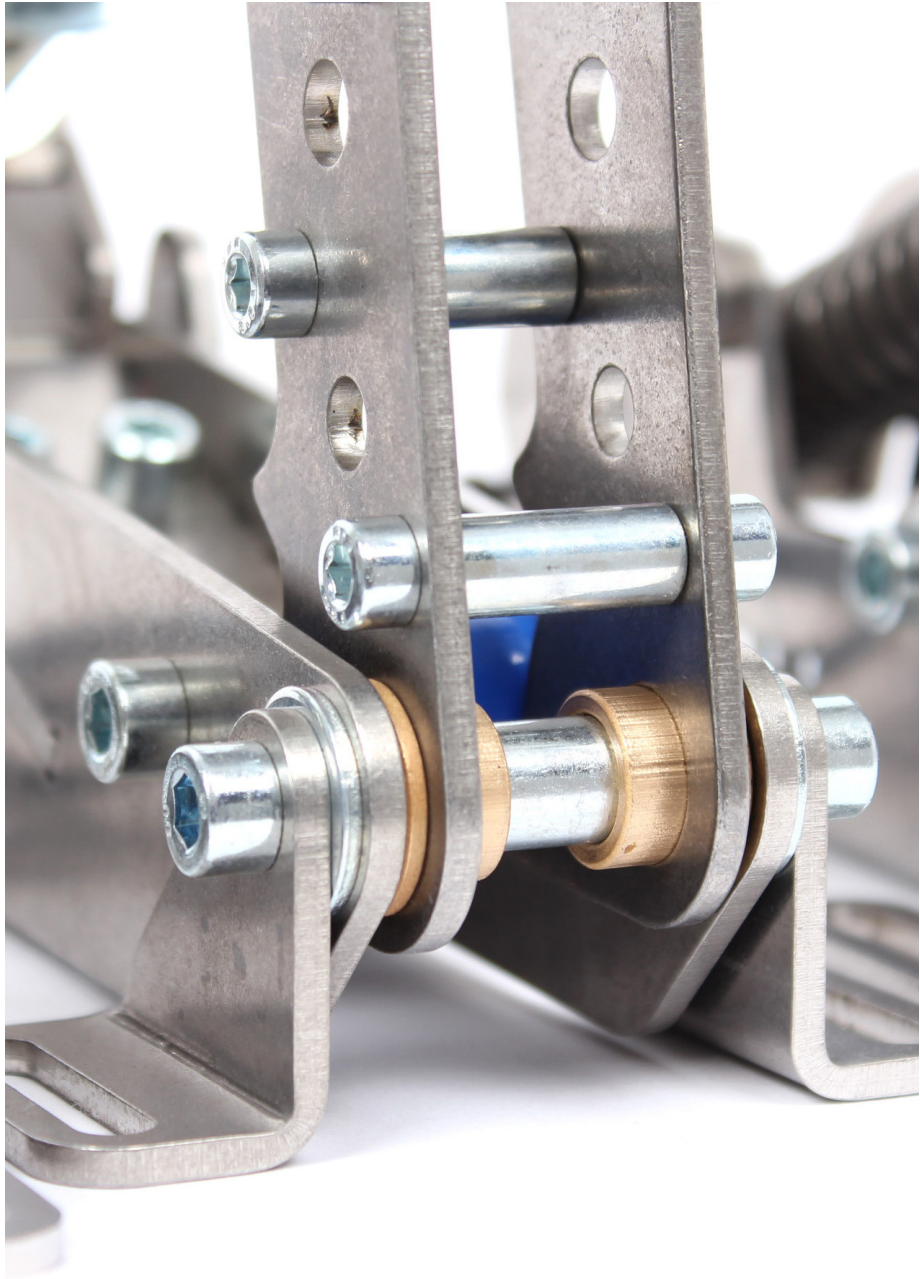


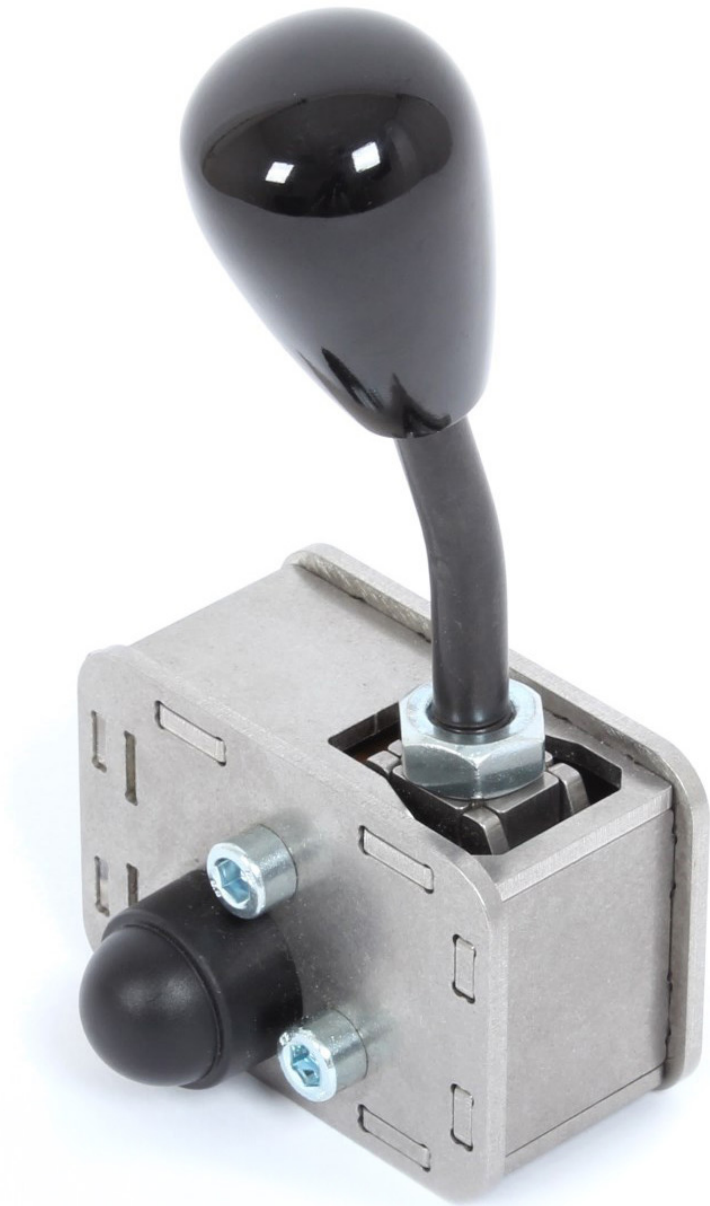
Heusinkveld Sim Pedals Pro are suitable for serious simracers. A strong, stiff, compact and durable design using custom developed 12bit USB electronics for an instant response.

The pedal geometry and pedal force is fully adjustable. Maximum brake force is 55kg (120lbs), maximum clutch force is 14kg (31lbs). All stainless steel parts are tumbled before assembly. This results in a smooth finish with a minimum of sharp edges.

Accurate and durable sensors

Load cells measure throttle and clutch position and brake pressure. Unlike designs with rotary potentiometers, load cells provide true linear output in relation to your pedal input. Their durability is unmatched as they do not wear over time.





sim shifter sequential

Many racecars use a stick-activated sequential gearbox. Heusinkveld presents a durable and compact sequential shifter solution which emulates the feel of a real sequential shifter.

The small size of the shifter allows it to be installed in the tightest simulator environments. It has specifically been designed to mimic short throw sequential shifters which are often found in formula racing cars.

Using a ball spring resistance system, shifting requires an early peak force after which resistance drops, making it feel as if it slides into gear.

Flexibility

Every shifter is supplied with three different knobs and three different levers: one straight 30mm lever, one straight 50mm lever and one bent 50mm lever.



sim *handbrake*

When driving rally or drifting simulations, precise control over your handbrake is a must for full vehicle control. Heusinkveld presents a high-quality handbrake using load cell technology.

The handbrake can detect forces of up to 17kg (37 lbs) and features an overload protection. The load cell is activated by a rubber, which gives the handbrake a firm and progressive feel. It features a soft grip at the end of the lever.

Adjustability

The handbrake comes with two types of rubber, so the feel can be adjusted. The lever can be tilted 120 degrees in infinite adjustable steps so the system can be mounted in both horizontal and vertical positions.



sim rig **GT**

The Sim Rig GT is a strong yet compact GT-style cockpit solution, which allows you to rigidly mount your pedals, wheel, shifter, handbrake, seat and triple monitors in one integrated solution.

Designed using CAD and FAE analysis, all structural parts of the Sim Rig are either waterjet cut aluminium brackets or rigid aluminium profiles.

Integrated triple-monitor stand

By integrating the monitor mount into the rig design, a triple screen setup can be positioned right on top of the steering wheel motor. This maximizes the horizontal and vertical field of view while maintaining a very lean rig design.



Thank you for taking the time to browse our product overview. If you have any questions with regard to our products, be sure to get in touch with us.

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