



BUYING GUIDE

**Choose your actuators.**

# 1 / Actuators type.

## 1 - DYADIC SCN6

Dyadic actuators are very reliable, and promise you good sensations. In the case of a T1000™ 2M or T1000™ 3M simulator, the principle is to have a pivot/balancer that supports 90% of the simulator's weight. This allows us to use fast cylinders with little weight to lift. The choice of a Dyadic SCN6 cylinder is a good compromise, as it keeps a good speed in most cases. They will be the best choice for those who want to learn dynamic simulation with a limited budget.

## 2 - PROSIMU PRS200™

Brand's newborns, the PRS200™ have a much higher speed and acceleration than the Dyadic, and are much quieter. The on-board technology allows them to lift heavy loads while maintaining optimal speed and acceleration. For the T1000™ 5M & P5MP™ for example, they must lift the simulator, pilot and peripherals completely, in other words about 200 kg. They must have a suitable speed and acceleration to accurately simulate the car and road. With 200kg of load, they still have to keep a lot of power to take into account the kinetic energy stored during the movements. These cylinders are a first in the world of simulation, and will offer breathtaking sensations to the most demanding users. **Please note that the operating voltage is 220-240V. A converter might be required depending on your location ( not included ).**

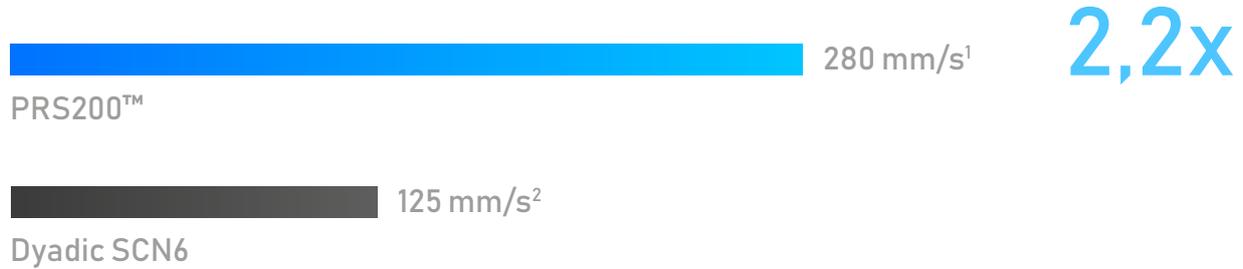
# 2 / Stroke.

- **100mm ( Dyadic & PRS200™ ):** minimum necessary to properly feel the effects of the car and the road. ( Below 50mm, you will only feel the effects of the car, not the effects of the road. )
- **150mm ( PRS200™ only):** this stroke will give you great movement, ideal for automotive and aeronautical simulations.
- **200mm ( PRS200™ only):** very long stroke, only suitable for aeronautical simulations.

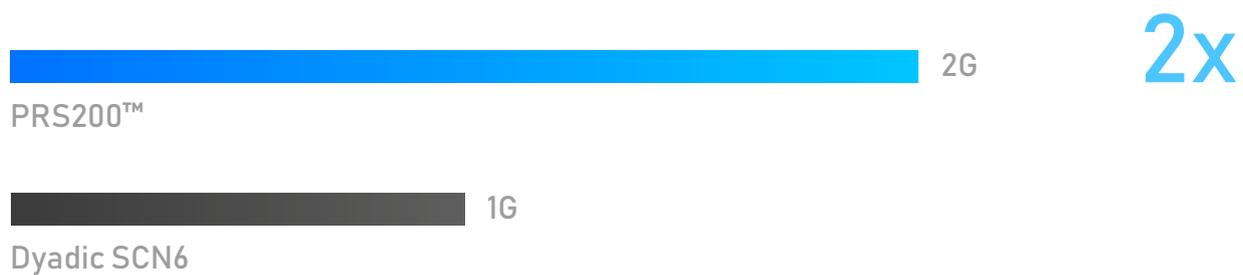
# 3 / PRS200™ vs Dyadic SCN6

What differentiates Dyadic SCN6 actuators from PROSIMU PRS200™ actuators? In addition to the size, here is a comparison of the performance of these two actuators.

## Speed



## Acceleration



## Lifted weight



1: Max speed up to 200 kg.  
2: Max speed from 10kg.

## 4 /Upgrade.

At PROSIMU®, it is possible to upgrade your simulator as your budget allows. All you have to do when you make your first purchase is to keep in mind what the final stage of your simulator would be.

### Go from T1000™ 2M to T1000™ 3M

The image shows a vertical upgrade path. At the top is the 'T1000™ 2M DYADIC' logo. Below it is a blue circle with a white checkmark. At the bottom is the 'T1000™ 3M DYADIC' logo. Below the logo is the price '1090€' in blue.

Package contents: T1000™ 3M dynamic platform + 1 Dyadic SCN6 actuator.

### Go from T1000™ 3M to T1000™ 5M

The image shows a vertical upgrade path. At the top is the 'T1000™ 3M DYADIC' logo. Below it is a blue circle with a white checkmark. At the bottom is the 'T1000™ 5M PRS200™' logo. Below the logo is the price '7690€' in blue.

Package contents: T1000™ 5M dynamic platform + 4 PRS200™ actuators + control boxes & cables.

The image shows a vertical upgrade path. At the top is a red banner with the text 'BEST CHOICE'. Below it is the 'T1000™ 3M PRS200™' logo. Below the logo is a blue circle with a white checkmark. At the bottom is the 'T1000™ 5M PRS200™' logo. Below the logo is the price '4400€' in blue.

Package contents: T1000™ 5M dynamic platform + 2 PRS200™ actuators.