



Meet the competitive 6DOF simulator



The new 6DOF simulator by Zickel Engineering is a cutting-edge platform that performs translations and rotations at high speeds with minimal error combined with 6DOF simulation.

It is an excellent solution for Hardware-In-The-Loop (HITL) simulations and stabilization to compensate a source of motion.

The system can be customized and adapted according to the client's needs.



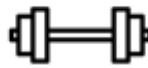
Check the specifications behind ↩



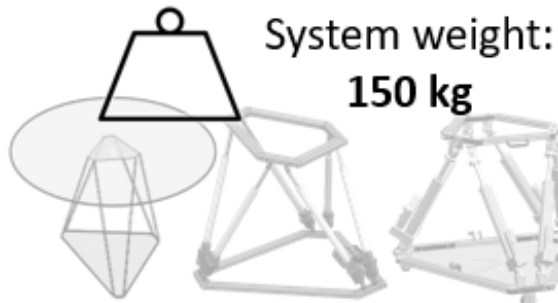
Specifications:



W: 152 cm
H: 129 cm
D: 132 cm



Max. payload:
180 kg



System weight:
150 kg



Degrees of
freedom:
6

Performance:

	Range	Max. Speed	Max. Acceleration
Translation (X-Y)	± 25 cm	40 cm/s	8 m/s ² (X), 5 m/s ² (Y)
Translation (Z)	± 35 cm	20 cm/s	2 m/s ²
Rotation (Pitch-Roll)	$\pm 30^\circ$	40°/s	-----
Rotation (Yaw)	$\pm 30^\circ$	50°/s	-----

About us



Zickel Engineering offers one-stop solutions for integrated multidisciplinary projects in a variety of fields:

- System Engineering
- Aeronautics
- Mechanical Engineering
- Software Engineering
- Guidance Navigation & Control
- Electronics

Zickel Engineering has been working with industry-leader customers for over 20 years, both in Israel and abroad.

Want to talk?

Contact us and explain your case, we will be happy to provide a solution.