

FAAC Simulators: FAAC Motion Options

FAAC MOTION SIMULATORS



Motion options are available for customers needing motion-based training.

Moog, a market leader in motion platform manufacturing, provides FAAC with 6 DOF military compliant systems which use electrical actuation.

The model pictured below is designed for a 2,000 pound payload. Performance specifications are ideal for use with FAAC's real vehicle driving cabs.

FAAC's motion seat uses electrical actuation to provide 3 degrees-of-freedom motion. This motion seat was initially developed for use by the U.S. Marine Corp.

MOTION OPTIONS



Moog 6DOF2000E Motion Platform

DOF	Displacement	Velocity	Acceleration
Pitch	+ 18 deg	+ 30 deg/s	+ 500 deg/s ²
Roll	+ 18 deg	+ 30 deg/s	+ 500 deg/s ²
Yaw	+ 21 deg	+ 40 deg/s	+ 400 deg/s ²
Heave	+ 0.18 m	+ 0.30 m/s	+ 0.5G
Surge	+ 0.23 m	+ 0.50 m/s	+ 0.6G
Sway	+ 0.22 m	+ 0.50 m/s	+ 0.6G
Settled Height	0.71 m		
Footprint	1.84 m wide x 1.84 m		



FAAC Motion Seat

Max Payload	500 lbs (incl driver)
Max Vertical Excursion	+ 2.0 inches
Max Pitch Excursion	+ 16.0 deg
Max Roll Excursion	+ 16.0 deg
Max X/Y Excursion	+ 0.5 inches
Frequency Response	DC - 10HZ, +0/-3 dB
Max Vertical Acceleration	2G
Max Pitch Acceleration	800 deg/s ²
Max Roll Acceleration	1200 deg/s ²



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