

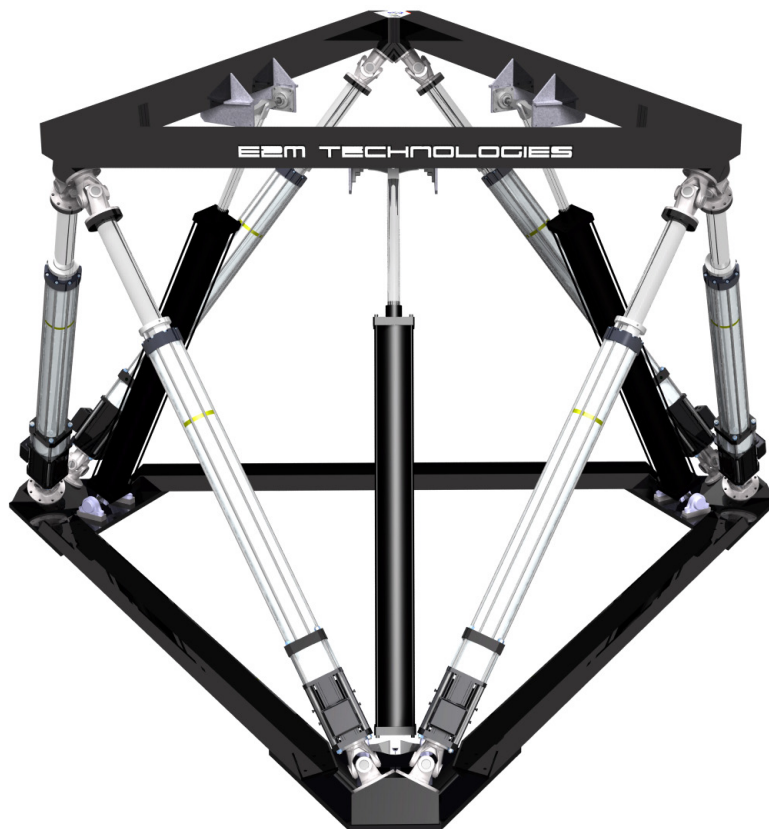
eMove

eM6-900-7000



The eMove-900-7000 motion system can be used to support level B commercial flight simulators. It can support up to 7000 kg payload. The basic actuator stroke is 900 mm. This system is also compliant to MIL-STD 1558 (please contact E2M for details). It can be used for military applications that require this standard.

Based on many years of experience the designers of E2M have used their combined knowledge to create this latest generation motion platform. The eM6-900 sets new standards for price performance ratio and includes the latest software innovations among which a unique workspace optimization feature and a webserver based user interface. Possible applications include: racing simulation, flight simulation or vehicle simulation.



Features

- Latest software innovations
- Energy absorbing end-buffers
- Best price performance ratio in the industry

eMove

eM6-900-7000 Specifications

System performance eMove eM6-900-7000

	Excursions					Velocity	Acceleration
	single dof	non-single dof					
Surge	-0.70	0.83	-0.85	0.85	m	0.75 m/s	7.0 m/s ²
Sway	-0.69	0.69	-0.92	0.92	m	0.75 m/s	7.0 m/s ²
Heave	-0.59	0.59	-0.59	0.59	m	0.61 m/s	11.0 m/s ²
Roll	-21.0	21.0	-24.5	24.5	deg	22.5 deg/s	160 deg/s ²
Pitch	-20.0	21.5	-25.1	27.8	deg	21.7 deg/s	160 deg/s ²
Yaw	-22.5	22.5	-24.1	24.1	deg	24.1 deg/s	320 deg/s ²

Payload specification

Gross moving load		7000	kg
CoG height above MPC*		1500	mm
Moments of Inertia	lxx	25000	kg m ²
	lyy	25000	kg m ²
	lzz	25000	kg m ²
Performance Reference Point	X	100	mm
(with respect to MPC)	Y	0	mm
	Z	0	mm

* CoG: Center of Gravity - MPC: Moving Platform Centroid

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