

eMove

eM3-400-1000



The E2M eM3-400-1000 system is a motion system that supplies roll, pitch and yaw. By placing the driver off-center, combined pitch/heave is possible providing a “pseudo” 4th degree of freedom. Certain applications that don’t require a full 6-DOF system can use this system as a cost effective motion solution. When two systems can be placed in one location, the cost of the system can be further reduced by sharing the electronic components.

Possible applications include general vehicle simulation, tank/gunnery simulation, crane operator training etc. Like all E2M systems, this system is delivered fully turn-key with all necessary software for installation, maintenance and advanced motion queing. For further information about this product please contact E2M.



Features

- Latest software innovations
- Very smooth operation, high speed and acceleration performance.
- Can be shipped in a standard sea container

eMove

eM3-400-1000 Specifications

System performance eMove eM3-400-1000

	Excursions		Unit	Velocity	Acceleration
	single dof				
	min	max			
Roll	-20	20	deg	40 deg/s	200 deg/s ²
Pitch	-20	20	deg	40 deg/s	200 deg/s ²
Yaw	-20	20	deg	40 deg/s	500 deg/s ²

Payload specification

Gross moving load (GML)	1000	kg	Including upper triangle
CoG height above MPC*	850	mm	
Moments of Inertia	lxx	700 kg m ²	For hexapod frame of reference
	lyy	700 kg m ²	For hexapod frame of reference
	lzz	700 kg m ²	For hexapod frame of reference

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

E2M Technologies B.V.

Pedro de Medinalaan 17 - 1086 XP Amsterdam - The Netherlands

Tel. +31 (0)20 7070901

www.e2msimulation.eu - info@e2mtechnologies.eu

Copyright © E2M Technologies B.V. 2012 - Technical data subject to change